

Product	Year	Author	Institute	Title	Ref.	Journal/Meeting	Format	Topic
Quark CPET	2018	Mazzoni G, Sassone B, Pasanisi G, Myers J, Mandini S, Volpato S, Conconi F, Chiaranda G, Grazzi G	Department of Biomedical and Specialty Surgical Sciences, University of Ferrara, Ferrara, Italy.	A moderate 500-m treadmill walk for estimating peak oxygen uptake in men with NYHA class I-II heart failure and reduced left ventricular ejection fraction.	2018 Apr 16;18(1):67	BMC Cardiovasc Disord	Article	Cardiology
Quark CPET	2018	Alessandra Peres Gilson P Dorneles Maria Carolina R Boeira Lucas L Schipper Angela Beretta Thais Vilela Vanessa M Andrade Pedro R Tromão	Laboratory of Cellular and Molecular Immunology, Federal University of Health Sciences of Porto Alegre, Porto Alegre, RS 90050-170, Brazil	Acute fish oil supplementation modulates the inflammatory response after strenuous exercise in obese men: A cross-over study	Volume 137, October 2018, Pages 5-11	Prostaglandins, Leukotrienes and Essential Fatty Acids	Article	Diet & Food Supplement
Quark CPET	2018	Daniilo Iannetta, Federico Y. Fontana, Felipe Mattioni R Boeira Lucas L Schipper Angela Beretta Thais Vilela Inglis, Silvia Pogliaghi, Daniel A. Keir, Juan M. Murias	Faculty of Kinesiology, University of Calgary, Canada	An equation to predict the maximal lactate steady state from ramp-incremental exercise test data in cycling	May 15, 2018	JSciMedSport	Article	Exercise Physiology
Quark CPET	2018	Moneghetti KJ, Hock J, Kaminsky L, Arena R, Lui GK, Haddad F, Wheeler M, Froelicher V, Ashley E, Myers J, Christie JW	Division of Cardiovascular Medicine, Stanford University School of Medicine, Stanford, CA, USA; Stanford Cardiovascular Institute, Stanford, CA, USA; Department of Medicine, St Vincent's Hospital, University of Melbourne, Melbourne, Australia.	Applying current normative data to prognosis in heart failure: The Fitness Registry and the Importance of Exercise National Database (FRIEND).	2018 Feb 27	Int J Cardiol	Article	Cardiology
Quark CPET	2018	Carlsson A, Sørensen K, Andersson AM, Frederiksen H, Juul A	Department of Growth and Reproduction Rigshospitalet, University of Copenhagen, Copenhagen, Denmark.	Bisphenol A, phthalate metabolites and glucose homeostasis in healthy normal-weight children.	2018 Jan;7(1):232-238	Endocr Connect	Article	Exercise Physiology
Quark CPET	2018	Nicholas L. Friedman Joseph M. McDonough Xuemei Zhang Erik B. Hysinger Kelly M. Adams Julian L. Allen	Division of Pulmonary Medicine, The Children's Hospital of Philadelphia Philadelphia, PA, USA	Bronchodilator responsiveness assessed by forced oscillometry and multiple breath washout techniques in preschool children	16 July 2018	Pediatric Investigation Volume 2, Issue 2	Article	Paediatric & Children
Quark CPET	2018	Amanda M.J. Ferreira, Luiz F. Farias-Junior, Thaynan A. A. Mota, Hassan M. Elsangedy, Aline Marcadenti, Telma M.A.M. Lemos, Alexandre H. Okano, Ana P.T. Fayh	Federal University of Rio Grande do Norte, Natal/RN, Brazil	Carbohydrate Mouth Rinse and Hydration Strategies on Cycling Performance in 30 Km Time Trial: A Randomized, Crossover, Controlled Trial	(2018) 17, 181 - 187	Journal of Sports Science and Medicine	Article	Cycling
Quark CPET	2018	Cogan KE, Evans M, Luliano E, Melvin A, Susta D, Neff K, De Vito G, Egan B.	Institute for Sport and Health, University College Dublin, Dublin, Ireland.	Co-ingestion of protein or a protein hydrolysate with carbohydrate enhances anabolic signaling, but not glycogen resynthesis, following recovery from prolonged aerobic exercise in trained cyclists.	2018 Feb;118(2):349-359	Eur J Appl Physiol	Article	Cycling
Quark CPET	2018	A.-M. Elbe, P. Eilsberg, S. Dandanell, J. W. Helge	Institute of Sport Psychology and Physical Education, Leipzig University, Germany	Correlates and predictors of obesity-specific quality of life of former participants of a residential intensive lifestyle intervention	Volume 4, Issue 2, February 2018	Obesity Science & Practice	Article	Obesity
Quark CPET	2018	Nalçakan GR, Songsom P, Fitzpatrick BL3, Yüzbasioğlu Y, Brick NE, Metcalfe RS, Vollaard NBJ.	Faculty of Sport Science, Ege University, 35040 İzmir, Turkey	Decreasing sprint duration from 20 to 10 s during reduced-exertion high-intensity interval training (REHIT) attenuates the increase in maximal aerobic capacity but has no effect on affective and perceptual responses.	2018 Apr;43(4):338-344	Appl Physiol Nutr Metab	Article	Exercise Physiology
Quark CPET	2018	Fornasiero A, Savoldelli A, Skafidas S, Stella F, Bortolan L, Boccia G, Zignoli A, Schena F, Mourou L, Pellegrini B.	CeRiSM, Sport Mountain and Health Research Centre, University of Verona, via Matteo del Ben, 5/b, 38068, Rovereto, Italy	Delayed parasympathetic reactivation and sympathetic withdrawal following maximal cardiopulmonary exercise testing (CPET) in hypoxia	2018 Jul 26	Eur J Appl Physiol.	Article	Exercise Physiology
Quark CPET	2018	Sepideh Kaviani, Dale A Schoeller, Eric Ravussin, Edward L Melanson, Sarah T Henes, Lara R Dugas, Ronald E Dechert, George E Mitri, Paul F.M. Schoffelen, Pim Gubbels, Asa Tomberg, Stephen Fritzdorf, Marco Akkermans, Jamie A. Cooper	Foods and Nutrition, University of Georgia, Athens, GA	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique	Volume 33 Number 2 April 2018 206–216	Nutrition in Clinical Practice	Article	Validation
Quark CPET	2018	Ryrøe CK, Thaning P, Siebenmann C, Lundby C, Lange P, Pedersen BK, Hellsten Y, Iepsen UW	The Centre of Inflammation and Metabolism and the Centre for Physical Activity Research, Rigshospitalet, University of Copenhagen, Denmark.	Effect of endurance versus resistance training on local muscle and systemic inflammation and oxidative stress in COPD.	2018 May 26.	Scand J Med Sci Sports.	Article	Exercise Physiology
Quark CPET	2018	G. P. Emerenziani, M. C. Gallotta, S. Migliaccio, D. Ferrari, E. A. Greco, F. J. Saavedra, S. Iazzoni, A. Aversa, L. M. Donini, A. Lenzi, C. Baldari Email author, L. Guidetti	Department of Experimental and Clinical Medicine, University of Magna Graecia of Catanzaro, Catanzaro, Italy	Effects of an individualized home-based unsupervised aerobic training on body composition and physiological parameters in obese adults are independent of gender	April 2018, Volume 41, Issue 4, pp 465–473 Cite as	Journal of Endocrinological Investigation	Article	Obesity
Quark CPET	2018	La Monica MB, Fukuda DH, Starling-Smith TM, Wang R, Hoffman JR, Stout JR	Institute of Exercise Physiology & Wellness, University of Central Florida, 4000 Central Florida Blvd, Orlando, FL 32816, USA.	Effects of normobaric hypoxia on upper body critical power and anaerobic working capacity.	2018 Feb;249:1-6	Respir Physiol Neurobiol	Article	Exercise Physiology
Quark CPET	2018	Schütte KH, Sackey S, Venter R, Vanwanseele B	Human Movement Biomechanics Research Group, Department of Kinesiology, KU Leuven, Leuven, Belgium	Energy cost of running instability evaluated with wearable trunk accelerometry.	2018 Feb 1;124(2):462-472	J Appl Physiol	Article	Wearables
Quark CPET	2018	Nader E, Guillot N, Lavorel L, Hancoo I, Fort R, Stauffer E, Renoux C, Joly P, Germain M, Connes P.	Laboratoire Interuniversitaire de Biologie de la Motricité (LIBM) EA7424, Equipe "Biologie Vasculaire et du Globule Rouge", Université Claude Bernard Lyon, Lyon, France.	Eryptosis and hemorheological responses to maximal exercise in athletes: Comparison between running and cycling.	2018 Jan 21.	Scand J Med Sci Sports	Article	Exercise Physiology
Quark CPET	2018	Alexandros Sotiriadis, Tadej Debevec, Adam C. McDonnell, Ursa Ciuha, Ola Eiken, and Igor B. Mekjavic	Department of Automation, Biocybernetics and Robotics, Jozef Stefan Institute, Slovenia	Exercise cardiorespiratory and thermoregulatory responses in normoxic, hypoxic and hot environment following 10-day continuous hypoxic exposure	26 JUL 2018	Journal of Applied Physiology	Article	Exercise Physiology
Quark CPET	2018	Oliveira AB, Bachi ALL, Ribeiro RT, Mello MT, Vaisberg M, Peres MFP	Departamento de Neurologia e Neurocirurgia, Universidade Federal de São Paulo, São Paulo, Brazil.	Exercise-Induced Change in Plasma IL-12p70 Is Linked to Migraine Prevention and Anxiolytic Effects in Treatment-Naïve Women: A Randomized Controlled Trial.	2018 Mar 29	Neuroimmunomodulation	Article	Exercise Physiology

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Quark CPET	2018	Kim YH, So WY	Health and Exercise Science Laboratory, Institute of Sports Science, Seoul National University, Seoul, Republic of Korea.	Gender differences in home-based cardiac rehabilitation of post-percutaneous coronary intervention patients. uthor information	2018 Apr 20	Aging Clin Exp Res	Article	Cardiology
Quark CPET	2018	Sasa Semeredi, Valdemar Stajer, Jelena Ostojic , Milan Vranes , Sergej M. Ostojic	Faculty of Sport and Physical Education, University of Novi Sad, Novi Sad, Serbia	Guanidinoacetic acid with creatine compared with creatine alone for tissue creatine content, hyperhomocysteinemia and exercise performance: a randomized double-blind superiority trial	17 May 2018	Nutrition	Article	Exercise Physiology
Quark CPET	2018	Durk RP, Castillo E, Márquez-Magaña L, Grosicki GJ, Boiter ND, Lee CM, Bagley JR	Department of Kinesiology, San Francisco State University, San Francisco, CA.	Gut Microbiota Composition is Related to Cardiorespiratory Fitness in Healthy Young Adults.	2018 Jul 10:1-15	J Sport Nutr Exerc Metab.	Article	Exercise Physiology
Quark CPET	2018	Wallace A. Silva, Claudio Andre B. de Lira, Rodrigo L. Vancini, and Marília S. Andrade	Departamento de Fisiologia, Universidade Federal de São Paulo, São Paulo, São Paulo, Brazil	Hip muscular strength balance is associated with running economy in recreationally-trained endurance runners	2018; 6: e5219.	PeerJ.	Article	Running
Quark CPET	2018	Brianna Larsen, Amanda J. Cox, Karlee Quinn, Rhiannon Fisher, Clare Minahan	Griffith Sports Physiology and Performance, School of Allied Health Sciences, Griffith University, Gold Coast, Australia	Immune Response in Women during Exercise in the Heat: A Spotlight on Oral Contraception	(2018) 17 , 229 - 236	Journal of Sports Science and Medicine	Article	Exercise Physiology
Quark CPET	2018	Turnes T, de Aguiar RA, de Oliveira Cruz RS, Salvador AF, Lisboa FD, Pereira KL, Raimundo JAG, Caputo F.	Physical Effort Laboratory, Sports Center, Federal University of Santa Catarina, Florianópolis, SC, Brazil.	Impact of ischaemia-reperfusion cycles during ischaemic preconditioning on 2000-m rowing ergometer performance.	2018 May 23.	Eur J Appl Physiol.	Article	Cardiology
Quark CPET	2018	Samantha Maurotti , Elisa M, Daniele DB, Francesco P, Cristina R and Yvelise F	Department of Medical and Surgical Science, Nutrition Unit, University Magna Grecia, Catanzaro, Italy	Impaired Fat Oxidation and Reduced Resting Energy Expenditure after a Fat Load in Individuals with Liver Steatosis	2018, Vol 8(1): 665	J Nutr Food Sci	Article	Nephrology
Quark CPET	2018	Lindlein K, Zech A, Zoch A, Braumann KM, Hollander K	Department of Sports and Exercise Medicine, Institute of Human Movement Science, University of Hamburg, Germany; Department of Cardiology, Internal Medicine I, Helios Albert-Schweitzer-Hospital, Germany.	Improving Running Economy by Transitioning to Minimalist Footwear: A Randomised Controlled Trial.	2018 May 25. pii: S1440-2440(18)30146-4.	J Sci Med Sport.	Article	Ergonomics
Quark CPET	2018	Montero D, Oberholzer L, Haider T, Breenfeldt Andersen A, Dandanell S, Meinild-Lundby AK, Maconochie H, Lundby C	Department of Cardiology, University Hospital of Zurich, Zurich, Switzerland	Increased capillary density in skeletal muscle is not associated with impaired insulin sensitivity induced by bed rest in healthy young men.	Appl Physiol Nutr Metab	2018 Jun 19.	Article	Cardiology
Quark CPET	2018	Nieman DC, Goodman CL, Capps CR1, Shue ZL, Amot R	Appalachian State University	Influence of 2-Weeks Ingestion of High Chlorogenic Acid Coffee on Mood State, Performance, and Postexercise Inflammation and Oxidative Stress: A Randomized, Placebo-Controlled Trial.	2018 Jan 1;28(1):55-65	Int J Sport Nutr Exerc Metab	Article	Diet & Food Supplement
Quark CPET	2018	Daniela Ciprandi , Matteo Zago , Filippo Bertozzi , Chiarella Sforza , Christel Galvani	Movement Analysis Laboratory, Department of Biomedical Sciences for Health, Università degli Studi di Milano	Influence of energy cost and physical fitness on the preferred walking speed and gait variability in elderly women	Volume 43, December 2018, Pages 1-6	Journal of Electromyography and Kinesiology	Article	Geriatrics
Quark CPET	2018	Finger D, Lanferdini FJ, Farinha JB, Brusco CM, Helal L, Boeno FP, Cadore EL, Pinto RS	Universidade Federal do Rio Grande do Sul, 28124, Physical Education, Porto Alegre, RS, Brazil	Ingestion of carbohydrate or carbohydrate plus protein does not enhance performance during endurance exercise: a randomized cross-over placebo-controlled clinical trial.	2018 Mar 15.	Appl Physiol Nutr Metab	Article	Diet & Food Supplement
Quark CPET	2018	Gorjanc J, Morrison SA, McDonnell AC, Mekjavic IB.	St. John of God Hospital, Spitalgasse 26, 9300, St. Veit/Glan, Austria.	Koroška 8000 Himalayan expedition: digit responses to cold stress following ascent to Broadpeak (Pakistan, 8051 m).	2018 May 24.	Eur J Appl Physiol.	Article	Altitude
Quark CPET	2018	Milanesi C, Cavedon V, Sandri M, Tam E, Piscitelli F, Boschi F, Zancanaro C	Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona, Verona, Italy.	Metabolic effect of bodyweight whole-body vibration in a 20-min exercise session: A crossover study using verified vibration stimulus.	2018 Jan 31;13(1):e0192046	PLoS One	Article	Exercise Physiology
Quark CPET	2018	Tang Y, Yao L, Liu Z, Xie W, Ma X, Luo Q, Zhao Z, Huang Z, Gao L, Jin Q, Yu X, Xiong C, Ni X, Yan Y, Qi W	Center for Pulmonary Vascular Diseases, Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China	Peak circulatory power is a strong prognostic factor in patients with idiopathic pulmonary arterial hypertension.	2018 Feb;135:29-34.	Respir Med.	Article	Pneumology
Quark CPET	2018	Gianni Mazzoni Giorgio Chiaranda Jonathan Myers Biagio Sassone Giovanni Pasanisi Simona Mandini Stefano Volpato Francesco Conconi Giovanni Grazi	Department of Biomedical and Specialty Surgical Sciences University of Ferrara Ferrara Italy	Peak oxygen uptake estimation from a moderate 500-m treadmill walk in older women with cardiovascular disease	11 July 2018	Sport Sciences for Health	Article	Geriatrics
Quark CPET	2018	Al-Lamee R, Thompson D, Dehbi HM, Sen S, Tang K, Davies J, Keeble T, Mielewicz M, Kaprielian R, Malik IS, Nijjer SS, Petraco R, Cook C, Ahmad Y, Howard J, Baker C, Sharp A, Gerber R, Talwar S, Assomull R, Mayet J, Wensel R, Collier D, Shun-Shin M, Thom SA, Davies JE, Francis DP	Imperial College London, London, UK; Imperial College Healthcare NHS Trust, London, UK	Percutaneous coronary intervention in stable angina (ORBITA): a double-blind, randomised controlled trial.	2018 Jan 6;391(10115):31-40	Lancet	Article	Cardiology
Quark CPET	2018	Mariam Assaad, Carla El Mallah, Omar Obeid	Department of Nutrition and Food Sciences, American University of Beirut, Beirut, Lebanon	Phosphorus ingestion with a high carbohydrate meal increased postprandial energy expenditure of obese and lean subjects	June 2018 with 11 Reads	Nutrition	Article	Diet & Food Supplement
Quark CPET	2018	Rick de Klerk, Thijs Lutjebroer, Riemer J. K. Vegter, and Lucas H. V. van der Woude	Center for Human Movement Sciences, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands	Practice-based skill acquisition of pushrim-activated power-assisted wheelchair propulsion versus regular handrim propulsion in novices	2018; 15: 56.	J Neuroeng Rehabil.	Article	Ergonomics
Quark CPET	2018	Emerenziani GP, Ferrari D, Vaccaro MG, Gallotta MC, Migliaccio S, Lenzi A, Baldari C, Guidetti L.	Department of Experimental and Clinical Medicine, University of Catanzaro "Magna Graecia", Catanzaro, Italy.	Prediction equation to estimate heart rate at individual ventilatory threshold in female and male obese adults.	2018 May 11;13(5):e0197255 .	PLoS One.	Article	Obesity
Quark CPET	2018	Emerenziani GP, Ferrari D, Vaccaro MG, Gallotta MC, Migliaccio S, Lenzi A, Baldari C, Guidetti L	Department of Experimental and Clinical Medicine, University of Catanzaro "Magna Graecia", Catanzaro, Italy	Prediction equation to estimate heart rate at individual ventilatory threshold in female and male obese adults.	2018 May 11;13(5):e0197255 .	PLoS One.	Article	Exercise Physiology
Quark CPET	2018	Marcos MA, Koulla PM, Anthos ZI.	Department of Sport and Exercise Science, University of Central Lancashire, Larnaca, Cyprus.	Preseason Maximal Aerobic Power in Professional Soccer Players Among Different Divisions.	2018 Feb;32(2):356-363.	J Strength Cond Res	Article	Football
Quark CPET	2018	Yong Hwan Kim, Dong Hyun Yoon, Hong Kyu Kim, Wook Song	Health and Exercise Science Laboratory, Institute of Sports Science, Seoul National University, Seoul	Prevalence of Osteopenia According to Physical Fitness in Men: A Cross-Sectional Study	2017;21(4):182-187	Annals of Geriatric Medicine and Research	Article	Exercise Physiology

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Quark CPET	2018	Woodfield J, Zacharias M, Wilson G, Munro F, Thomas K, Gray A, Baldi J.	Department of Surgery, University of Otago, Dunedin, New Zealand. john.woodfield@otago.ac.nz.	Protocol, and practical challenges, for a randomised controlled trial comparing the impact of high intensity interval training against standard care before major abdominal surgery: study protocol for a randomised controlled trial	2018 Jun 25;19(1):331.	Trials.	Article	Exercise Physiology
Quark CPET	2018	Keene D, Arnold A, Shun-Shin MJ, Howard JP, Sohaib SA, Moore P, Tanner M, Quereshi N, Muthumala A, Chandrasekaran B, Foley P, Leyva F, Adhya S, Falaschetti E, Tsang H, Vijayaraman P, Cleland JGF, Stegemann B, Francis DP, Whinnett ZI,	Imperial College London, London, UK.	Rationale and design of the randomized multicentre His Optimized Pacing Evaluated for Heart Failure (HOPE-HF) trial.	2018 Jul 9.	ESC Heart Fail.	Article	Cardiology
Quark CPET	2018	Groot S, van de Westelaken LH, Noordhof DA, Levels K, de Koning JJ	Department of Human Movement Sciences, Faculty of Behavioural and Movement Sciences, Vrije Universiteit Amsterdam, Amsterdam Movement Sciences, The Netherlands.	Recovery of Cycling Gross Efficiency After Time-Trial Exercise.	2018 Feb 21:1-21	Int J Sports Physiol Perform	Article	Cycling
Quark CPET	2018	Rafael Alves de Aguiar , Amadeo Felix Salvador , Rafael Penteado , Henrique Cabral Faraco, Robert W. Pettitt , Fabrizio Caputo	Universidade do Estado de Santa Catarina (Udesc), Centro de Ciências da Saúde e do Esporte, Programa de Pós-Graduação em Ciências do Movimento Humano, Florianópolis, SC, Brazil	Reliability and validity of the 3-min all-out running test	Available online 4 May 2018	Revista Brasileira de Ciências do Esporte	Article	Exercise Physiology
Quark CPET	2018	Angelo Cataldo, Antonino Bianco, Antonio Paoli, Dario Cerasola, Saverio Alagna, Giuseppe Messina, Daniele Zangla, Marcello Traina	Sport and Exercise Sciences Research Unit, University of Palermo, Italy	Resting sympatho-vagal balance is related to 10 km running performance in master endurance athletes	Volume 28 (1) 2018	Eur J Transl Myol	Article	Running
Quark CPET	2018	Tam N, Tucker R, Santos-Concejero J, Prins D, Lamberts RP	Division of Exercise Science and Sports Medicine, Department of Human Biology, Faculty of Health Sciences, University of Cape Town, Cape Town, South Africa.	Running Economy: Neuromuscular and Joint Stiffness Contributions in Trained Runners.	2018 May 29:1-22	Int J Sports Physiol Perform.	Article	Running
Quark CPET	2018	Louise D. Clamp, David J. Hume, Estelle V. Lambert, and Jacolene Kroff	Division of Exercise Science and Sports Medicine, Department of Human Biology, Faculty of Health Sciences, University of Cape Town, South Africa	Successful and unsuccessful weight-loss maintainers: strategies to counteract metabolic compensation following weight loss	2018; 7: e20.	J Nutr Sci.	Article	Diet & Food Supplement
Quark CPET	2018	Louise D. Clamp, David J. Hume, Estelle V. Lambert and Jacolene Kroff	Division of Exercise Science and Sports Medicine, Department of Human Biology, Faculty of Health Sciences, University of Cape Town, South Africa	Successful and unsuccessful weight-loss maintainers: strategies to counteract metabolic compensation following weight loss	28 June 2018	Journal of Nutritional Science	Article	Diet & Food Supplement
Quark CPET	2018	Twomey R, Martin T, Temesi J, Culos-Reed SN, Millet GY.	Faculty of Kinesiology, University of Calgary, 2500 University Dr NW, Calgary, AB, T2N 1N4, Canada	Tailored exercise interventions to reduce fatigue in cancer survivors: study protocol of a randomized controlled trial.	2018 Jul 24;18(1):757	BMC Cancer.	Article	Oncology
Quark CPET	2018	De Carvalho FG, Barbieri RA, Carvalho MB, Dato CC, Campos EZ, Gobbi RB, Papoti M, Silva ASR, de Freitas EC	Department of Food and Nutrition, School of Pharmaceutical Sciences of Araraquara, State University of São Paulo-FCFAR/UNESP, Araraquara-Jaú Highway, km 1, Araraquara, SP, 14801-902, Brazil.	Taurine supplementation can increase lipolysis and affect the contribution of energy systems during front crawl maximal effort.	2018 Jan;50(1):189-198	Amino Acids	Article	Diet & Food Supplement
Quark CPET	2018	Anna Banck-Petersen a, Cecilie K. Olsen a, Sissal S. Djurhuus a, Anita Herstedt a, Sarah Thorsen-Streit a, Mathias Ried-Larsen a, Kell Østerlind b, Jens Osterkamp c, Peter-Martin Krarup d, e, Kirsten Vistisen f, Camilla S. Mosgaard f, Bente K. Pedersen a, Pernille Højman a, Jesper F. Christensen a	Centre of Inflammation and Metabolism, Centre for Physical Activity Research (CIM/CFAS), Rigshospitalet, Copenhagen, Denmark	The "Interval Walking in Colorectal Cancer" (I-WALK-CRC) study: Design, methods and recruitment results of a randomized controlled feasibility trial	Volume 9, March 2018, Pages 143-150	Contemporary Clinical Trials Communications	Article	Oncology
Quark CPET	2018	Hiroshi Goda, Mariko Nakai, Hirotohi Kishigami, Tatsuo Hatta,	Department of Occupational Therapy, Faculty of Health Sciences, Japan Health Care College, Japan	The effect of a wheelchair with pelvic support belt on respiratory function	2018, Volume 2(1): 1-4	Dis Disord	Article	Disabled
Quark CPET	2018	Park HY, Kim J, Park M, Chung N, Lim K.	Physical Activity and Performance Institute, Konkuk University, Seoul, Republic of Korea	The effect of additional carbohydrate supplements for 7 days after prolonged interval exercise on exercise performance and energy metabolism during submaximal exercise in team-sports athletes.	2018 Mar 30;22(1):29-34.	J Exerc Nutrition Biochem.	Article	Diet & Food Supplement
Quark CPET	2018	Park HY, Kim J, Park M, Chung N, Lim K.	Physical Activity and Performance Institute, Konkuk University, Seoul, Republic of Korea	The effect of additional carbohydrate supplements for 7 days after prolonged interval exercise on exercise performance and energy metabolism during submaximal exercise in team-sports athletes.	2018 Mar 30;22(1):29-34.	J Exerc Nutrition Biochem.	Article	Diet & Food Supplement
Quark CPET	2018	Ferreira AMJ, Farias-Junior LF, Mota TAA, Elsangedy HM, Marcadenti A, Lemos TMAM, Okano AH, Fayh APT.	1Graduate Progrtam in Physical Education, Federal University of Rio Grande do Norte, Avenida senador Salgado Filho 3000, Campus Universitário, Lagoa Nova, Natal, RN Brazil.	The effect of carbohydrate mouth rinse on performance, biochemical and psychophysiological variables during a cycling time trial: a crossover randomized trial.	2018 May 2;15:23.	J Int Soc Sports Nutr.	Article	Cycling
Quark CPET	2018	Yanaoka T, Kashiwabara K, Masuda Y, Yamagami J, Kurata K, Takagi S, Miyashita M, Hirose N	Graduate School of Sport Sciences, Waseda University, Saitama, Japan.	The Effect of Half-time Re-Warm up Duration on Intermittent Sprint Performance.	2018 May 14;17(2):269-278. eCollection 2018 Jun.	J Sports Sci Med.	Article	Exercise Physiology
Quark CPET	2018	Soileau J, Judge LW and Bellar D	Pennington Biomedical Research Center, Baton Rouge, LA, USA	The Effects of 10 Days of a Multi-Ingredient Supplement on Performance Lactate during Exercise and Post Exercise Muscle Damage, Oxidative Stress and Inflammation	May 18, 2018 Vol: 7 Issue: 2	J Athl Enhanc	Article	Diet & Food Supplement
Quark CPET	2018	Jéssica S. Giolo, Juliene G. Costa, Jair P. da Cunha-Junior, Ana Cláudia A. M. Pajuaba, Ernesto A. Taketomi , Adriele V. de Souza , Douglas C. Caixeta , Leonardo G. Peixoto, Erick P. de Oliveira, Sarah Everman, Foued S. Espindola and Guilherme M. Puga	Laboratory of Cardiorespiratory and Metabolic Physiology, Federal University of Uberlândia, Uberlândia-MG 38400-678, Brazil	The Effects of Isoflavone Supplementation Plus Combined Exercise on Lipid Levels, and Inflammatory and Oxidative Stress Markers in Postmenopausal Women	2018, 10(4), 424	Nutrients	Article	Diet & Food Supplement
Quark CPET	2018	Vasiliki Manou, Athanasios A. Dalamitros, Spiros Kellis	Faculty of Physical Education & Sport Sciences, School of Physical Education & Sport Sciences, Aristotle University of Thessaloniki, Greece	Variations in important aerobic fitness parameters and physical characteristics during two consecutive preseason periods in adolescent soccer players	2018; 19(2): 75–81	HUMAN MOVEMENT	Article	Football

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Quark CPET	2018	Agha NH, Baker FL, Kunz HE, Graff R, Azadan R, Dolan C, Laughlin MS, Hosing C, Markofski MM, Bond RA, Bollard CM, Simpson RJ	Laboratory of Integrated Physiology, Department of Health and Human Performance, University of Houston, 3875 Holman Street, Houston, TX 77204, USA.	Vigorous exercise mobilizes CD34+ hematopoietic stem cells to peripheral blood via the β 2-adrenergic receptor.	2018 Feb;68:66-75	Brain Behav Immun.	Article	Exercise Physiology
Quark CPET	2018	Agha NH, Baker FL, Kunz HE, Graff R, Azadan R, Dolan C, Laughlin MS, Hosing C, Markofski MM, Bond RA, Bollard CM, Simpson RJ.	Laboratory of Integrated Physiology, Department of Health and Human Performance, University of Houston, 3875 Holman Street, Houston, TX 77204, USA.	Vigorous exercise mobilizes CD34+ hematopoietic stem cells to peripheral blood via the β 2-adrenergic receptor.	2018 Feb;68:66-75.	Brain Behav Immun	Article	Exercise Physiology
Quark CPET	2017	Anthony John "AJ" Mortara, Michael Anthony Dalessio	Berea College	A Comparison of Optical Heart Rate Monitoring and Electrical Heart Rate Monitoring During Low, Medium, and High Intensity Interval Exercise.	Spring 2017, Vol. 54 Issue 2, p7-17. 11p.	KAHPERD Journal .	Article	Exercise Physiology
Quark CPET	2017	Vainshelboim B, Amin A, Christle JW, Hebbal S, Ashley EA, Myers J	Cardiology Division, Veterans Affairs Palo Alto Health Care System/Stanford University, Palo Alto, CA, USA	A method for determining exercise oscillatory ventilation in heart failure: Prognostic value and practical implications.	2017 Dec 15;249:287-291.	Int J Cardiol.	Article	Cardiology
Quark CPET	2017	Flavio Rosa Jr , Juan Pedro Fuentes, Aline Pertile Remor, Paulo César Lock Silveira, Vitor Costa, Débora da Luz Scheffer, Aderbal Silva Aguiar Jr, Luiz Guilherme Antonacci Guglielmo, Alexandra Latini,	Bioenergetics and Oxidative Stress Laboratory – LABOX, Federal University of Santa Catarina, Florianopolis, Brazil	A tennis-based health program for middle-aged men who are at risk for heart disease	March2017	Integrative Obesity and Diabetes	Article	Tennis
Quark CPET	2017	Shcherbina A, Mattsson CM, Waggett D, Salisbury H, Christle JW, Hastie T, Wheeler MT, Ashley EA.	Division of Cardiovascular Medicine, Department of Medicine, Stanford University, Stanford, CA 94305, USA.	Accuracy in Wrist-Worn, Sensor-Based Measurements of Heart Rate and Energy Expenditure in a Diverse Cohort.	2017 May 24;7(2): pii: E3.	J Pers Med	Article	Wearables
Quark CPET	2017	P. Hebisz , R. Hebisz, E. Bakońska-Pacoń , M. Zatoń	University School of Physical Education in Wrocław, Department of Physiology and Biochemistry, 35J.I. Paderewski Avenue, 51-612 Wrocław, Poland	Acute hematological response to a single dose of sprint interval training in competitive cyclists	Volume 32, Issue 6, December 2017, Pages 369-375	Science & Sports	Article	Cycling
Quark CPET	2017	Domeles GP, Boeira MCR, Schipper LL, Silva IRV, Elsner VR, Dal Lago P, Peres A, Romão PRT	Graduate Program in Health Sciences, Laboratory of Cellular and Molecular Immunology, Federal University of Health Sciences of Porto Alegre, 90050-170 Porto Alegre, RS, Brazil.	Acute Strenuous Exercise Induces an Imbalance on Histone H4 Acetylation/Histone Deacetylase 2 and Increases the Proinflammatory Profile of PBMC of Obese Individuals.	2017;2017:1530230	Oxid Med Cell Longev	Article	Obesity
Quark CPET	2017	Del Re MP, Melo CM, Santos MVD, Tufik S, Mello MT.	Universidade Federal de São Paulo (Unifesp), Psicobiologia, São Paulo, SP, Brasil.	Applicability of predictive equations for resting energy expenditure in obese patients with obstructive sleep apnea.	2017 May-Jun;61(3):257-262	Arch Endocrinol Metab	Article	Obesity
Quark CPET	2017	Jean-Frederic Brun, Emmanuelle Varlet-Marie, Marlène Fichou, François Bughin, Eric Raynaud de Mauverger, Christine Fédou, Jacques Mercier	State University of São Paulo - UNESP, Brazil	Balance of Substrates at Exercise in Athletes: Lipodependent vs Glucodependent Sports [Version 1, Awaiting Peer Review].	(2017) 1: 3.1	Sports Medicine and Rehabilitation	Article	Sport Science
Quark CPET	2017	O'Dwyer T, Monaghan A, Moran J, O'Shea F, Wilson F.	Discipline of Physiotherapy, Trinity College Dublin, Ireland	Behaviour change intervention increases physical activity, spinal mobility and quality of life in adults with ankylosing spondylitis: a randomised trial.	2017 Jan;63(1):30-39	J Physiother	Article	Orthopedics
Quark CPET	2017	Maessen MF, Eijsvogels TM, Stevens G, van Dijk AP, Hopman MT	Department of Physiology, Radboud university medical center, The Netherlands	Benefits of lifelong exercise training on left ventricular function after myocardial infarction.	2017 Nov;24(17):1856-1866.	Eur J Prev Cardiol.	Article	Cardiology
Quark CPET	2017	Sareena Hamzah, Mohamad Shariff A Hamid, Nur syamsina Ahmad, Jadeera Cheong Phaik Geok	University of Malaya UM - Centre of Sport	Bone Mineral Density and Associated Risk Factors among Female Athletes: A Cross-2 Sectional Study	47(1) - May 2017 with 10	Sains Malaysiana	Article	Exercise Physiology
Quark CPET	2017	Cynthia M. Ferrara, Shelby Smyth, Erin Mullan, Christopher Burke	Department of Health Sciences, Merrimack College, North Andover, MA, USA	Caloric expenditure using indirect calorimetry, apple watch sport, and Fitbit Zip	June 2017	Journal of Exercise Physiology	Article	Comparison with other methods
Quark CPET	2017	ManarM. Badawy, Qassim I. Muaidi	Department of Physical Therapy, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam City, Saudi Arabia	Cardio respiratory response: Validation of new modifications of Bruce protocol for exercise testing and training in elite Saudi triathlon and soccer players	19 May 2017	Saudi Journal of Biological Sciences	Article	Football
Quark CPET	2017	Khanaphaphon Wuttiumporn, Orapin Pasunivong, Wilaiwan Khrisanapant, Banjamas Intarapoka	Khon Kaen University KKU - Department of Physiology	Cardiovascular Performance Following Continuous Positive Airway Pressure in Patients with Severe Obstructive Sleep Apnea	October 2017 with 24 Reads	Sleep and Hypnosis 20(3)	Article	Sleep study
Quark CPET	2017	Indrek Rannama, Kirsti Pedak, Boriss Bazanov, Kristjan Port	School of Natural Sciences and Health, Tallinn University, Estonia	Cycling specific postural stability during incremental exercise: The relationship with cyclists functional movement screen score	VOLUME 12 ISSUE 1 2017	Journal of Human Sport and Exercise	Article	Cycling
Quark CPET	2017	A. E. Leeuwis, A. M. Hooghiemstra, R. A. Doeschka A. Ferro, L. F. Robin Nijveldt, J.t P.A. Kuijer, A. S. G.T. Bronzwaer, J. J. van Lieshout, M. B. Rietberg, J. M. Veerbeek, R. J. Huijsmans, F. J.G. Backx, C. E. Teunissen, E. E. Bronk F. Barkhof, N. D. Prins, R. Shahzad, W. J. Niessen, A de Roos, M. J.P. van Osch, A. C. van Rossum, G. J. Biessels, W. M. van der Flier	Alzheimer Center and Department of Neurology, Amsterdam Neuroscience, VU University Medical Center, Amsterdam, The Netherlands	Design of the ExCersion-VCI study: The effect of aerobic exercise on cerebral perfusion in patients with vascular cognitive impairment	2017 Jun; 3(2): 157–165.	Alzheimers Dement (N Y).	Article	Neurology
Quark CPET	2017	Cassandra Kraaijenbrink, Riemer J. K. Vegter, Alexander H. R. Hensen, Heiko Wagner, Lucas H. V. van der Woud	Center for Human Movement Sciences, University Medical Center Groningen, University of Groningen, Groningen, Groningen, the Netherlands	Different cadences and resistances in submaximal synchronous handcycling in able-bodied men: Effects on efficiency and force application	2017; 12(8): e0183502.	PLoS One.	Article	Exercise Physiology
Quark CPET	2017	Jovan Jovanović	Sports Association Varos Kapija, Belgrade , Serbia	Dynamics of blood glucose during higher intensity physical activity by basketball players	Vol 7, N. 1, 2017, pp. 5-13	Journal SPORT - SCIENCE & PRACTICE	Article	Basketball
Quark CPET	2017	Nieman DC, Capps CL, Capps CR, Shue ZL, McBride JE	Appalachian State University, Human Performance Lab, North Carolina Research Campus, Kannapolis, NC.	Effect of Four Weeks Ingestion of Tomato-Based Carotenoids on Exercise-Induced Inflammation, Muscle Damage, and Oxidative Stress in Endurance Runners.	2017 Nov 1:1-26.	Int J Sport Nutr Exerc Metab	Article	Diet & Food Supplement

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Quark CPET	2017	Clamp LD, Hume DJ, Lambert EV, Kroff J.	Division of Exercise Science and Sports Medicine, Department of Human Biology, Faculty of Health Sciences, University of Cape Town, Cape Town, South Africa.	Enhanced insulin sensitivity in successful, long-term weight loss maintainers compared with matched controls with no weight loss history.	2017 Jun 19;7(6):e282.	Nutr Diabetes.	Article	Diabetology
Quark CPET	2017	Sora Shin ,Yung Bin Kim, Hae-Hyun Choi, Joo Young Lee	Department of Textiles, Merchandising and Fashion Design, Seoul National University, Seoul, Korea	Evaluation of body heating protocols with graphene heated clothing in a cold environment	November 2017 with 10 Reads 29(6):830-844	International Journal of Clothing Science and Technology	Article	Ergonomics
Quark CPET	2017	Sora Shin, Hae-Hyun Choi, Yung Bin Kim, Byung-Hee Hong, Joo-Young Lee	Department of Textiles, Merchandising and Fashion Design, Seoul National University, Seoul, Korea	Evaluation of body heating protocols with graphene heated clothing in a cold environment	Volume: 29 Issue: 6, 2017	International Journal of Clothing Science and Technology,	Article	Ergonomics
Quark CPET	2017	Marcus L, Soileau J, Judge LW, Bellar D	School of Kinesiology, University of Louisiana at Lafayette, Lafayette, LA 70503 USA.	Evaluation of the effects of two doses of alpha glycerylphosphorylcholine on physical and psychomotor performance.	2017 Oct 5;14:39	J Int Soc Sports Nutr		Diet & Food Supplement
Quark CPET	2017	Morris NB, Filingeri D, Halaki M, Jay O.	Thermal Ergonomics Laboratory, Faculty of Health Sciences, University of Sydney, NSW, Australia	Evidence of viscerally-mediated cold-defence thermoeffector responses in man.	2017 Feb 15;59(4):1201-1212.	J Physiol.	Article	Research
Quark CPET	2017	A Rusdiana, I Imanudin, H R D Ray, M Ruhiat, S Hardwis, U Umaran and Nuryadi	Departement of Sport Science, Faculty of Physical Education and Health, Universitas Pendidikan Indonesia, Jl. Dr. Setiabudi no 229, Bandung, Indonesia	Fatigue Impact to Mechanical Movement of Maximal Instep Kicking in Soccer	g 180 (2017) 012234	IOP Publishing	Article	Football
Quark CPET	2017	Kamil Michalik, Zatori Marek, Hebisz Paulina, Hebisz Rafal	University School of Physical Education in Wroclaw, Faculty of Physical Education, Chair of Physiology and Biochemistry	Heart Rate and Oxygen Uptake Recovery and the Level of Aerobic Capacity in Mountain Bikers	2017, 24	Pol. J. Sport Tourism	Article	Cycling
Quark CPET	2017	Sperandio EF, Arantes RL, Chao TP, Romiti M, Gagliardi AR, Dourado VZ	Department of Human Movement Sciences, Universidade Federal de São Paulo (Unifesp), Santos (SP), Brazil.	Living near the port area is associated with physical inactivity and sedentary behavior.	2017 Jan-Feb;135(1):34-41.	Sao Paulo Med J	Article	Exercise Physiology
Quark CPET	2017	Gregor Koporec, Rok Mandeljc, Vildana Sulic Kenk, Janez Perš	22nd Computer Vision Winter Workshop Nicole M. Artnr, Ines Janusch, Walter G. Kropatsch (eds.) Retz, Austria,	Observation of selected human physiological parameters using computer vision	February 6–8, 2017	22nd Computer Vision Winter Workshop (eds.) Retz, Austria,	Article	Computer Games
Quark CPET	2017	Vancini RL, Rayes ABR, Lira CAB, Sarro KJ, Andrade MS	Universidade Federal do Espírito Santo, Centro de Educação Física e Desportos, Laboratório de Força e Condicionamento, Vitória ES, Brasil	Pilates and aerobic training improve levels of depression, anxiety and quality of life in overweight and obese individuals.	2017 Dec;75(12):850-857	Arq Neuropsiquiatr	Article	Obesity
Quark CPET	2017	Abu-Farha M, Cherian P, Al-Khairi I, Madhu D, Tiss A, Warsam S, Alhubail A, Sriraman D, Al-Rafaei F, Abubaker J.	Biochemistry and Molecular Biology Unit Dasman Diabetes Institute, Kuwait City, Kuwait.	Plasma and adipose tissue level of angiopoietin-like 7 (ANGPTL7) are increased in obesity and reduced after physical exercise.	2017 Mar 6;12(3):e0173024	PLoS One	Article	Obesity
Quark CPET	2017	Watson A, Brickson S, Brooks MA, Dunn W	Department of Orthopedics, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, USA.	Preseason Aerobic Fitness Predicts In-Season Injury and Illness in Female Youth Athletes.	2017 Sep 5;5(9):2325967117 726976	Orthop J Sports Med	Article	Orthopedics
Quark CPET	2017	TN Mann, RP Lamberts, A Nummela, MI Lambert	Division of Exercise Science and Sports Medicine, Department of Human Biology, Faculty of Health Sciences, University of Cape Town, PO BOX 115, Newlands, Cape Town, South Africa, 7725	Relationship between perceived exertion during exercise and subsequent recovery measurements	2017 Mar; 34(1): 3–9.	Biol Sport	Article	Exercise Physiology
Quark CPET	2017	Fares EJ, Isacco L, Monnard CR, Miles-Chan JL, Montani JP, Schutz Y, Dulloo AG.	Department of Medicine/Physiology, University of Fribourg, Fribourg, Switzerland.	Reliability of low-power cycling efficiency in energy expenditure phenotyping of inactive men and women.	2017 May;5(9). pii: e13233	Physiol Rep	Article	Exercise Physiology
Quark CPET	2017	Wilson LC, Peebles KC, Hoye NA, Manning P, Sheat C, Williams MJA, Wilkins GT, Wilson GA, Baldi JC.	Department of Medicine, University of Otago, Dunedin, New Zealand	Resting heart rate variability and exercise capacity in Type 1 diabetes.	2017 Apr;5(8)	Physiol Rep	Article	Diabetology
Quark CPET	2017	Bahar Ateş, Çetin E.	Usak Üniversitesi · Sport Science Faculty	Roller-Ski Aerobic High-Intensity Interval Training Improves the VO2max and Anaerobic Power in Cross-Country Skiers	August 2017	International Journal of Applied Exercise Physiology, 6(2), 27-33.	Article	Skiing
Quark CPET	2017	Lund Ohlsson M, Laaksonen MS	Swedish Winter Sports Research Centre, Department of Health Science, Mid Sweden University, Hus D, 83125, Östersund, Sweden	Sitting position affects performance in cross-country sit-skiing.	2017 Jun;117(6):1095-1106	Eur J Appl Physiol	Article	Skiing
Quark CPET	2017	Emily C. LaVoy, Maryam Hussain, Justin Reed, Hawley Kunz, Mira Pistillo, Austin B. Bigley, and Richard J. Simpson	Department of Health & Human Performance, University of Houston, Houston, Texas	T-cell redeployment and intracellular cytokine expression following exercise: effects of exercise intensity and cytomegalovirus infection	Physiol Rep	2017 Jan; 5(1): e13070	Article	Exercise Physiology
Quark CPET	2017	Jillian R. Hallworth, Jennifer L. Copeland, Jon Doan, and Tom J. Hazell	Department of Kinesiology and Physical Education, University of Lethbridge, Lethbridge, AB, Canada T1K 3M4	The Effect of Exercise Intensity on Total PYY and GLP-1 in Healthy Females: A Pilot Study	Volume 2017 (2017), Article ID 4823102, 7 pages	Journal of Nutrition and Metabolism	Article	Exercise Physiology
Quark CPET	2017	R H Ali, H R D Ray	Faculty of Sport and Health Education, Universitas Pendidikan Indonesia	The Effect of Turmeric Consumption to VO 2 Max and Lactate Threshold	March 2017 with 115 Reads	IOP Publishing	Article	Diet & Food Supplement
Quark CPET	2017	Ronald D Ray Hamidie, Rizki Hazazi Ali and Kazumi Masuda	Universitas Pendidikan Indonesia UPI Department of Health Education and Recreation	The Effect of Turmeric Consumption to VO2 Max and Lactate Threshold	Materials Science and Engineering 180 (2017) 012175	IOP Publishing	Article	Diet & Food Supplement
Quark CPET	2017	Noel Brick, Megan J. McElhinney, Richard Metcalfe	Ulster University · Psychology Research Institute	The effects of facial expression and relaxation cues on movement economy, physiological, and perceptual responses during running	September 2017 with 327 Reads	Psychology of Sport and Exercise	Article	Exercise Physiology
Quark CPET	2017	Xu Yan, Nir Eynon, Ioannis D. Papadimitriou, Juijiao Kuang, Fiona Munson, Oren Tirosh, Lannie O'Keefe, Lyn R. Griffiths, Kevin J. Ashton, Nuala Byrne, Yannis P. Pitsiladis and David J. Bisho	Victoria University Melbourne VU · College of Health and Biomedicine	The gene SMART study: method, study design, and preliminary findings	2017 18(Suppl 8):821	BMC Genomics	Article	Research
Quark CPET	2017	Nowak R, Buryta R, Krupecki K, Zając T, Zawartka M, Proia P, Kostrzewa-Nowak D	Faculty of Physical Education and Health Promotion, University of Szczecin, Szczecin, Poland.	The Impact of the Progressive Efficiency Test on a Rowing Ergometer on White Blood Cells Distribution and Clinical Chemistry Changes in Paralympic Rowers During the Preparatory Stage Before the Paralympic Games in Rio, 2016 - A Case Report.	2017 Dec 28;60:255-263	J Hum Kinet	Article	Rowing

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Quark CPET	2017	Inglis EC, Iannetta D, Murias JM	Faculty of Kinesiology, University of Calgary, Calgary, Alberta, Canada.	The plateau in the NIRS-derived [HHb] signal near the end of a ramp incremental test does not indicate the upper limit of O ₂ extraction in the vastus lateralis.	2017 Dec 1;313(6):R723-R729	Am J Physiol Regul Integr Comp Physiol	Article	Exercise Physiology
Quark CPET	2017	Jamie F. Burr, Jenny L. Beck, John J. Durocher	Department of Human Health and Nutritional Sciences, University of Guelph, Guelph, ON N1G 2W1, Canada	The relationship of high-intensity cross-training with arterial stiffness	20 January 2017	Journal of Sport and Health Science	Article	Exercise Physiology
Quark CPET	2016	Gitte Hedermann, Christoffer Rasmus Vissing, Karen Heje, Nicolai Preisler, Nanna Witting, and John Vissing	Copenhagen Neuromuscular Center, Department of Neurology, Rigshospitalet, University of Copenhagen, Copenhagen, Denmark	Aerobic Training in Patients with Congenital Myopathy	2016; 11(1): e0146036.	PLoS One	Article	Cardiology
Quark CPET	2016	Gianluca Vernillo, Aldo Savoldelli, Spyros Skafidas, Andrea Zignoli, Antonio La Torre, Barbara Pellegrini, Guido Giardini, Pietro Trabucchi, Grégoire P. Millet, and Federico Schena	Research Center for Sport, Mountain and Health (CeRiSM), University of Verona, Rovereto, Italy	An Extreme Mountain Ultra-Marathon Decreases the Cost of Uphill Walking and Running	2016; 7: 530.	Front Physiol.	Article	Running
Quark CPET	2016	Cataldo, A; Zangla, D; Cerasola, D; Bellavia, D; Traina, M	1Sport and Exercise Sciences "DISMOT" Research Unit, University of Palermo, Italy	Association of cardio-pulmonary stress test parameters and heart rate recovery in obese subjects with or without type II diabetes	2016 32(32), 889-896	Acta Medica Mediterranea	Article	Obesity
Quark CPET	2016	Inés T. Abella, Alejandro C. Tocci, Diego E. Iglesias, Claudio Morés, Alberto F. Leveroni, Mirta Calatayud, Karina Anatrella, María Grippo	Servicio de Cardiología - Hospital de Niños Dr. Ricardo Gutiérrez - Gallo (Argentina)	Cardiopulmonary Exercise Testing in Healthy Children	2016;84:431-437	Rev Argent Cardiol	Article	Paediatric & Children
Quark CPET	2016	Tamara Stojmenović, Đorđe Čurčić, Milica Vukašinović-Vesić, Marija AnČelković, Nenad Đikić, Marija Kostić - Vučićević, Ivana Baralić, Vladimir Jakovljević, Vladimir Tivković;	Sports Medicine Association of Serbia, Belgrade, Serbia	Changes in maximal oxygen uptake during growth and development in girls who actively participate in basketball and in non-athletes girls: A longitudinal study	January 2016 with 54 Reads	Vojnosanitetski pregled. Military-medical and pharmaceutical review	Article	Basketball
Quark CPET	2016	Abu-Farha M, Sriraman D, Cherian P, AlKhairi I, Elkum N, Behbehani K, Abubaker J	Biochemistry and Molecular Biology Unit, Dasman Diabetes Institute, Kuwait City, Kuwait	Circulating ANGPTL8/Betrotrophin Is Increased in Obesity and Reduced after Exercise Training	2016 Jan 19;11(1)	PLoS One.	Article	Obesity
Quark CPET	2016	Shanely RA, Nieman DC, Perkins-Veazie P, Henson DA, Meaney MP, Knab AM, Cialdell-Kam L	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC 28081, USA.	Comparison of Watermelon and Carbohydrate Beverage on Exercise-Induced Alterations in Systemic Inflammation, Immune Dysfunction, and Plasma Antioxidant Capacity.	2016 Aug 22;8(8). pii: E518.	Nutrients	Article	Diet & Food Supplement
Quark CPET	2016	Felipe Mattioni Maturana, Daniel A. Keir, Kaitlin M. McLay, Guillaume Y. Millet, Juan M. Murias	University of Calgary, Calgary, AB, Canada. 2The University of Western Ontario, London, ON, Canada	Critical Power Measurement: Comparison And Validation Of Five Time-to-exhaustion Trials Versus A 3-minute All-out Test	June 2016	Medicine & Science in Sports & Exercise 48	Poster	Comparison with other methods
Quark CPET	2016	Dana Badau, Valeriu Tomescu, Adela Badau, Ștefan Adrian Martin	University of Medicine and Pharmacy Tirgu Mures, Faculty of Medicine, Department of Human Movement Science, Romania	Differences among Elite Female Rowers Regarding Carbohydrate Consumption at Rest	Vol 4, No 2 (2016)	International Journal of Science Culture and Sport (IntJSCS)	Article	Rowing
Quark CPET	2016	İmdat Yarım, Ebru Çetin and Bahar Ateş Keleş	Faculty of Sport Science, Gazi University, Ankara 06330, Turkey	Effect of Aerobic High-Intensity Interval Training on VO ₂ max and Anaerobic Power in Cross-Country Skiers	4 (2016) 287-292	Journal of Sports Science	Article	Skiing
Quark CPET	2016	Lepsen UW, Munch GD, Rugbjerg M, Rinnov AR, Zacho M, Mortensen SP, Secher NH, Ringbaek T, Pedersen BK, Hellsten Y, Lange P, Thaning P	The Centre of Inflammation and Metabolism and the Centre for Physical Activity Research, Rigshospitalet, University of Copenhagen, Denmark.	Effect of endurance versus resistance training on quadriceps muscle dysfunction in COPD: a pilot study.	2016 Oct 27;11:2659-2669	Int J Chron Obstruct Pulmon Dis	Article	Pneumology
Quark CPET	2016	Lopes Krüger R, Costa Teixeira B, Bouffleur Farinha J, Cauduro Oliveira Macedo R, Pinto Boeno F, Rech A, Lopez P, Silveira Pinto R, Reischak-Oliveira A.	rogram of Human Movement Sciences, Faculty of Physical Education, Physiotherapy and Dance (ESEFID), Federal University of Rio Grande do Sul (UFRGS), 750 Felizardo Street, Porto Alegre, Rio Grande do Sul 90690-200, Brazil	Effect of exercise intensity on postprandial lipemia, markers of oxidative stress, and endothelial function after a high-fat meal.	2016 Dec;41(12):1278-1284.	Appl Physiol Nutr Metab	Article	Diet & Food Supplement
Quark CPET	2016	Podlogar, Tim; Debevec, Tadej	School of Sport, Exercise and Rehabilitation Sciences, University of Birmingham, Birmingham, United Kingdom	Effects of a 14-day high-carbohydrate diet on exercise performance of a low-carbohydrate adapted athlete - case study	2016, Vol. 22 Issue 1, p37-46. 10p. 1 Chart, 3 Graphs.	Kinesiology Slovenica	Article	Diet & Food Supplement
Quark CPET	2016	Pichon AP, Connes P, Robach P	Laboratory Mobility, aging & exercise (MOVE) - EA 6314, Faculty of Sport Sciences, University of Poitiers, Poitiers, France.	Effects of acute and chronic hematocrit modulations on blood viscosity in endurance athletes.	2016 Nov 25;64(2):115-123.	Clin Hemorheol Microcirc.	Article	Exercise Physiology
Quark CPET	2016	Victor José Bastos-Silva, Sara Kely Learsi, Alan de Albuquerque Melo, Adriano Eduardo Lima-Silva, Gustavo Gomes de Araujo	Universidade Federal de Alagoas, Departamento de Educação Física.Grupo de Pesquisa em Ciências Aplicadas ao Esporte, Maceió, AL, Brasil	Effects of carbohydrate intake on time to exhaustion and anaerobic contribution during supramaximal exercise	vol.29 no.5 Campinas Sept./Oct. 2016	Rev. Nutr.	Article	Diet & Food Supplement
Quark CPET	2016	Elie-Jacques Fares, Nathalie Charrière, Jean-Pierre Montani, Yves Schutz, Abdul G. Dulloo, Jennifer L. Miles-Chan	Laboratory of Integrative Cardiovascular and Metabolic Physiology, Division of Physiology, Department of Medicine, University of Fribourg, Fribourg, Switzerland	Energy Expenditure and Substrate Oxidation in Response to Side-Alternating Whole Body Vibration across Three Commonly-Used Vibration Frequencies	March 14, 2016 11(9): e0163822	PLOS ONE	Article	Exercise Physiology
Quark CPET	2016	Songsorn P, Lambeth-Mansell A, Mair JL, Haggott M, Fitzpatrick BL, Ruffino J, Holliday A, Metcalfe RS, Vollaard NB.	Department for Health, University of Bath, Bath, BA2 7AY, UK.	Exercise training comprising of single 20-s cycle sprints does not provide a sufficient stimulus for improving maximal aerobic capacity in sedentary individuals.	2016 Aug;116(8):1511-7.	Eur J Appl Physiol	Article	Exercise Physiology
Quark CPET	2016	Jin S, Iwamoto N, Hashimoto K, Yamamoto M.	Yanbian University - School of Engineering	Experimental Evaluation of Energy Efficiency for a Soft Wearable Robotic Suit.	2016 Oct 12.	IEEE Trans Neural Syst Rehabil Eng	Article	Robotics
Quark CPET	2016	Seeger, J.P.H.	Radboud Universiteit Nijmegen	Ischaemic preconditioning in exercise and disease: One size fits all?	2016		Dissertation	Cardiology
Quark CPET	2016	Paula-Ribeiro, M.; Freitas, T.O.; Sabino-Carvalho, J.L.; Lopes, T.R.; Ferreira, T.N.; Succu, J.E.; Silva, A.C.; Silva, B.M.	Federal University of Sao Paulo	Ischemic preconditioning improves cardiac autonomic recovery in middle-and-long-distance runners: a randomized, placebo and nocebo-controlled study	July 2016 with 77 Reads	Poster	Article	Cardiology
Quark CPET	2016	Xu G, Hansen JS, Zhao XJ, Chen S, Hoene M, Wang XL, Clemmesen JO, Secher NH, Häring HU, Pedersen BK, Lehmann R, Weigert C, Plomgaard P	Key Laboratory of Separation Science for Analytical Chemistry (G.X., X.J.Z., X.L.W.), Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China	Liver and Muscle Contribute Differently to the Plasma Acylcarnitine Pool During Fasting and Exercise in Humans.	2016 Dec;101(12):5044-5052	Clin Endocrinol Metab	Article	Exercise Physiology

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Quark CPET	2016	Gennaro Boccia, Cantor Tarperi, Davide Dardanello, Alberto Rainoldi	Università degli Studi di Torino UNITO - Department of Medical Science	Lower fatigability of locomotor than non-locomotor muscles in endurance runners	July 2016 with 55 Reads	Sport Sciences for Health -	Article	Running
Quark CPET	2016	Matthew J. Graham, Samuel J. E. Lucas, Monique E. Francois, Stasinos Stavrianeas, Evelyn B. Parr, Kate N. Thomas and James D. Cotter	School of Physical Education, Sport and Exercise Sciences, University of Otago, Dunedin, New Zealand	Low-Volume Intense Exercise Elicits Post-exercise Hypertension and Subsequent Hypervolemia, Irrespective of Which Limbs Are Exercised	2016; 7: 199.	Front Physiol	Article	Exercise Physiology
Quark CPET	2016	Rodica Doros, Daniela Lixandru, Laura Petcu, Ariana Picu, Manuela Mitu, Janeta Tudosoiu, Constantin Ionescu-Tirgoviste	National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. Dr. N.C. Paulescu", Bucharest, Romania Romania	Obesity Influence on Insulin Activity and Resting Metabolic Rate in Type 2 Diabetes	30/12/2016	he Journal of Romanian Society of Diabetes Nutrition and Metabolic Diseases	Article	Obesity
Quark CPET	2016	Rittweger J, Debevec T, Frings-Meuthen P, Lau P, Mittag U, Ganse B, Ferstl PG, Simpson EJ, Macdonald IA, Eiken O, Mekjavic IB.	Institute of Aerospace Medicine, German Aerospace Center (DLR), 51147 Cologne, Germany; Department of Pediatrics and Adolescent Medicine, University of Cologne, Cologne, Germany.	On the combined effects of normobaric hypoxia and bed rest upon bone and mineral metabolism: Results from the PlanHab study.	2016 Oct;91:130-8.	Bone	Article	Space
Quark CPET	2016	Stephan van der Zwaard, Richard T. Jaspers, Ilse J. Blokland, Chantal Achterberg, Jurrian M. Visser, Anne R. den Uijl, Mathijs J. Hofmijster Koen Levels, Dionne A. Noordhof, Arnold de Haan, Jos J. de Koning, Willem J. van der Laarse, and Cornelis J. de Ruiter	Department of Human Movement Sciences, Vrije Universiteit Amsterdam, MOVE Research Institute Amsterdam, the Netherlands	Oxygenation Threshold Derived from Near-Infrared Spectroscopy: Reliability and Its Relationship with the First Ventilatory Threshold	2016; 11(9): e0162914.	PLoS One	Article	Comparison with other methods
Quark CPET	2016	Indrek Rannama, Kirsti Pedak, Karmen Reinpõld, Kristjan Port	School of Natural Sciences and Health, Tallinn University, Estonia	Pedalling technique and postural stability during incremental cycling exercise - Relationship with cyclist FMSTM score	2016/7/1	LASE Journal of sport science	Article	Cycling
Quark CPET	2016	Marquet LA, Hausswirth C, Molle O, Hawley JA, Burke LM7,8, Tioillier E9, Brisswalter J10.	Laboratory of Sport, Expertise and Performance, French National Institute of Sport, Expertise and Performance (INSEP), 75012 Paris, France.	Periodization of Carbohydrate Intake: Short-Term Effect on Performance.	2016 Nov 25;8(12). pii: E755.	Nutrients. 2016 Nov 25;8(12). pii: E755	Article	Diet & Food Supplement
Quark CPET	2016	Youn JC, Lee HS, Choi SW, Han SW, Ryu KH, Shin EC, Kang SM	Division of Cardiology, Dongtan Sacred Heart Hospital, Hallym University College of Medicine, Hwaseong, Republic of Korea.	Post-Exercise Heart Rate Recovery Independently Predicts Clinical Outcome in Patients with Acute Decompensated Heart Failure.	2016 May 2;11(5):e0154534	PLoS One	Article	Cardiology
Quark CPET	2016	RODICA DOROS, DANIELA LIXANDRU, LAURA PETCU, JANETA TUDOSOIU, MANUELA MITU, ARIANA PICU, CONSTANTIN IONESCUȚIRGOVISTE, CRISTIAN GUJA	National Institute of Diabetes, Nutrition and Metabolic Diseases prof. dr. N.C. Paulescu, 12 I.L. Caragiale Street, code 020045, Bucharest, Romania	Resting Metabolic rate in type 2 diabetes - accuracy of predictive equations	22(6):12033-12038 - January 2016	Romanian Biotechnological Letters	Article	Diabetology
Quark CPET	2016	Han EY, Im SH, Kim BR, Seo MJ, Kim MO.	Department of Rehabilitation Medicine, Jeju National University Hospital	Robot-assisted gait training improves brachial-ankle pulse wave velocity and peak aerobic capacity in subacute stroke patients with totally dependent ambulation: Randomized controlled trial.	2016 Oct;95(41):e5078.	Medicine (Baltimore)	Article	Robotics
Quark CPET	2016	Ortmeyer HK, Ryan AS, Hafer-Macko C, Oursler KK	Department of Medicine, Division of Gerontology and Geriatric Medicine, University of Maryland School of Medicine, Baltimore, Maryland Baltimore Veterans Affairs Medical Center Geriatric Research, Education, and Clinical Center, Veterans Affairs Maryland Health Care System, Baltimore, Maryland	Skeletal muscle cellular metabolism in older HIV-infected men.	2016 May;4(9). pii: e12794	Physiol Rep	Article	HIV
Quark CPET	2016	Sergej M. Ostojic, Marko Stojanovic, Patrik Drid, Jay R. Hoffman, Damir Sekulic and Natasa Zenic	Faculty of Sport and Physical Education, University of Novi Sad, Novi Sad, Serbia	Supplementation with Guanidinoacetic Acid in Women with Chronic Fatigue Syndrome	2016, 8, 72	Nutrients	Article	Diet & Food Supplement
Quark CPET	2016	Martin Ș.A., Tomescu V.	University of Medicine and Pharmacy Tirgu Mureș, Romania; Romania Rowing Federation	The evolution and interpretation of respiratory indices 24 hours post physical effort on a group of elite athletes	February 2016 with 80 Reads	ResearchGate	Article	Exercise Physiology
Quark CPET	2016	Prokopios Chatzakis, Giorgos Paradisios, Maria Maridakis, Eirini Zanni, Elias Zacharogiannis	School of Physical Education and Sports Science, National and Kapodistrian University of Athens, Greece	The Impact of Running with Minimal Shoes on Physiological Responses and Endurance Performance	December 2016 Volume 19 Number 6	Journal of Exercise Physiologyonline	Article	Exercise Physiology
Quark CPET	2016	JILLIAN R. HALLWORTH	Department of Kinesiology University of Lethbridge LETHBRIDGE, ALBERTA, CANADA	The influence of exercise intensity on appetite regulating hormones GLP-1 and PYY in active healthy adults	April 12, 2016		Thesis	Exercise Physiology
Quark CPET	2016	MARTIN, ȘTEFAN ADRIAN; TOMESCU, VALERIU	University of Medicine and Pharmacy Tirgu Mureș, Romania Rowing Federation,	The respiratory exchange ration in athletes' nutritional practice	Jun2016, Vol. 21 Issue 2, p57-60. 4p.	Acta Medica Transilvanica	Article	Exercise Physiology
Quark CPET	2016	Marianna Bellafiore, Antonino Bianco, Giuseppe Battaglia, Maria Silvia Naccari, Giovanni Caramazza, Johnny Padulo, Karim Chamari, Antonio Paoli, Antonio Palma	Sport and Exercise Sciences Research Unit, University of Palermo;Palermo, Italy	Training session intensity affects plasma redox status in amateur rhythmic gymnasts	April (2016) 1–6	Journal of Sport and Health Science	Article	Exercise Physiology
Quark CPET	2016	Jozo Grgic, Vlatko Vucetic, Hana Brborovic	Victoria University Melbourne , Institute of Sport, Exercise and Active Living (ISEAL)	Variations in metabolism and body composition estimates throughout a day	August 2016 / Vol. 5, No. 2, pp.24-29	Journal of Fitness Research	Article	Exercise Physiology
Quark CPET	2015	Larisa B. Postnikova, Ivan A. Dorovskoy, Vladimir A. Kostrov, Igor V. Dolbin, Andrey A. Fedorenko	Nizhny Novgorod, Russia	A capability of cardiopulmonary exercise testing in the assessment of physical health and functional condition of respiratory system in healthy persons	616.24-008.7-07	УДК	Article	Exercise Physiology
Quark CPET	2015	Goessler KF, Cornelissen VA, de Oliveira EM, de F Mota G, Polito MD	Research Group of Cardiovascular Response and Exercise, State University of Londrina, Brazil	ACE polymorphisms and the acute response of blood pressure to a walk in medicated hypertensive patients	2015 Dec;16(4)	J Renin Angiotensin Aldosterone Syst.	Article	Cardiology
Quark CPET	2015	Zahra Alizadeh; Masoumeh Mostafaei; Reza Mazaheri; Shima Younespour	Sports Medicine Research Center, Tehran University of Medical Sciences, Tehran, IR Iran	Acute Effect of Morning and Afternoon Aerobic Exercise on Appetite of Overweight Women	2015 June; 6(2)	Asian J Sports Med.	Article	Obesity
Quark CPET	2015	Sarah T. Henes; Abby Johnson; Marti Toner; Kamille Mamaril; Maya Kelkar3; Yuanhui Xiao; and Gordon L. Warren,	Department of Nutrition, Georgia State University, Atlanta, Georgia; 2Children's Health Care of Atlanta, Aerodigestive Clinic, Atlanta, Georgia	Assessing Resting Metabolic Rate in Overweight and Obese Adolescents With a Portable Indirect Calorimeter: A Pilot Study for Validation and Reliability	September 9, 2015	Nutr Clin Pract	Article	Obesity
Quark CPET	2015	Nourane Y. Azab, Ibrahim I. El Mahalawy, Gehan A. Abd El Aal, Manar H. Taha	Chest Department, Faculty of Medicine, Menoufia University, Egypt	Breathing pattern in asthmatic patients during exercise	2015	Egyptian Journal of Chest Diseases and Tuberculosis	Article	Pneumology

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Quark CPET	2015	Finocchiaro G, Haddad F, Knowles JW, Caleshu C, Pavlovic A, Homburger J, Shmargad Y, Sinagra G, Magavern E, Wong M, Perez M, Schnittger I, Myers J, Froelicher V, Ashley EA	Stanford University School of Medicine, Department of Medicine, Division of Cardiovascular Medicine, Stanford, California; St. George's University of London, London, United Kingdom.	Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment.	2015 May;3(5):408-418	JACC Heart Fail	Article	Cardiology
Quark CPET	2015	Sung-Sik Ko, Jae-Soon Chung, Wi-Young So	College of Humanities and Arts, Sports and Health Care Major, Korea National University of Transportation, Republic of Korea	Correlation between waist and mid-thigh circumference and cardiovascular fitness in Korean college students: a case study	27: 3019–3021, 2015	J. Phys. Ther. Sci.	Article	Exercise Physiology
Quark CPET	2015	Ahmed S. Ahmed, Waleed S. Mahmoud	Physical Therapy and Health Rehabilitation Department College of Applied Medical Sciences, Prince Sattam bin Abdulaziz University, Alkharj, Saudi Arabia	Effect of Aerobic Training on Lung Functions in Smoking University Students	136(3):269-278 · December 2015	European Journal of Scientific Research	Article	Smoking
Quark CPET	2015	Conor McClean, Ryan A. Harris, Malcolm Brown, John C. Brown, and Gareth W. Davison	Sport and Exercise Sciences Research Institute, Ulster University, Jordanstown, UK	Effects of Exercise Intensity on Postexercise Endothelial Function and Oxidative Stress	August 2015 Article ID 723679	Oxidative Medicine and Cellular Longevity	Article	Exercise Physiology
Quark CPET	2015	Min-Sung Ha, Yeong-Ho Baek, Jong-Won Kim, Do-Yeon Kim	Department of Physical Education, Pusan National University, Republic of Korea	Effects of yoga exercise on maximum oxygen uptake, cortisol level, and creatine kinase myocardial band activity in female patients with skeletal muscle pain syndrome	27: 1451–1453, 2015	J. Phys. Ther. Sci.	Article	Yoga
Quark CPET	2015	Jiraporn Khengkhan, Wilaiwan Khrisanapant, Pongrat, Pakdeechote, Watchara Boonsawat, Boonsong Patjanasoontorn, Burabha Pussadhamma, Tichanon Promsrisuk, Nattha Muangritdach	Department of Physiology, Faculty of Medicine, KhonKaen University, Thailand	Evaluation of Cardiovascular Performance During Incremental Exercise Testing in Healthy Thais	2015; 30 (1)	Srinagarind 2 Med J	Article	Exercise Physiology
Quark CPET	2015	Yusuke Osawa, Yoshinobu Saito, Naomi Tsunekawa, Tomohiro Manabe, Yuko Oguma	Center for Supercenarian Medical Research, Keio University School of Medicine, Tokyo, Japan	Exercise Workload of the "Fujiwara +10 Exercise" Program in Older Women	October 2015 Volume 18 Number 5	Journal of Exercise Physiologyonline	Article	Geriatrics
Quark CPET	2015	David Moon, Donna A. Santillan, Colleen K. Stockdale, Crystal Adams and Oksana Shynlova	Department of Nutrition, Universitat de Barcelona, Spain	Impact of Omega-3 PUFAs Supplementation with Lifestyle Modification on Anthropometric Indices and Vo2 max in Overweight Women	2015, 5:4	J Nutr Disorders Ther	Article	Diet & Food Supplement
Quark CPET	2015	Steding Ehrenborg, Katarina; Boushel, Robert C; Calbet, José A; Åkeson, Per; Mortensen, Stefan P	Department of Clinical Physiology, Lund University Skåne University Hospital, Lund 221 85 Lund, Sweden	Left ventricular AV-plane displacement is preserved with lifelong endurance training and is the main determinant of maximal cardiac output	October 2015 with 33 Reads	The Journal of Physiology	Article	Exercise Physiology
Quark CPET	2015	Astrid CJ Balemans, Leontien van Wely, Jules G Becher, Annet J Dallmeijer	Department of Rehabilitation Medicine, MOVE Research Institute Amsterdam, VU University Medical Centre, Amsterdam, the Netherlands.	Longitudinal Relationship between Physical Fitness, Walking-related Physical Activity and Fatigue in Children with Cerebral Palsy	2015 Jul;95(7):996-1005	Phys Ther.	Chapter	Neurology
Quark CPET	2015	Shirley Telles, Nilkamal Singh, Acharya Balkrishna	Department of Yoga Research, Patanjali Research Foundation, Haridwar, India	Metabolic and Ventilatory Changes During and After High-Frequency Yoga Breathing	2015; 21: 161-171	Med Sci Monit Basic Res	Article	Yoga
Quark CPET	2015	David C. Nieman, Nicholas D. Gillitt, Mary Pat Meaney and Dustin A. Dew	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC 28081, USA	No Positive Influence of Ingesting Chia Seed Oil on Human Running Performance	2015, 7, 3666-3676	Nutrients	Article	Running
Quark CPET	2015	Leif Hasselquist, Meghan O'Donovan, Kari Loverro, and Carolyn K. Benseal	Natick Soldier Research, Development and Engineering Center, Natick MA	Physiological and biomechanical changes during execution of three load carriage paradigms	2015	American Society of Biomechanics	Abstract	Ergonomics
Quark CPET	2015	Javier Arturo Hall-López, Paulina Yesica Ochoa-Martínez, José Moncada-Jiménez, Mara Alessandra Ocampo Méndez, Issael Martínez García y Marco Antonio Martínez García	Facultad de Deportes, Universidad Autónoma de Baja California. México.	Reliability to the maximal oxygen uptake following two consecutive trials by indirect calorimetry	2015;31(4):1726-1732	Nutr Hosp.	Article	Exercise Physiology
Quark CPET	2015	Hall-López JA, Ochoa-Martínez PY, Moncada-Jiménez J, Ocampo Méndez MA, Martínez García I, Martínez García MA	Facultad de Deportes, Universidad Autónoma de Baja California. México	Reliability of the maximal oxygen uptake following two consecutive trials by indirect calorimetry.	2015 Apr 1;31(4):1726-32.	Nutr Hosp.	Article	Exercise Physiology
Quark CPET	2015	Diana Simona Stefan, Daiana Bajko, Daniela Lixandru, Manuela Mitu, Janeta Tudosoiu, Bogdan Smeu, Catalin Copaescu, Constantin Ionescu-Tirgoviste and Cristian Guja	National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. N.C. Paulescu", Bucharest, Romania	Resting metabolic rate in obese type 2 diabetic patients candidates for metabolic surgery	2015, Supplement 1, p. 214-217	Proc. Rom. Acad., Series B,	Article	Obesity
Quark CPET	2015	Diana Simona Stefan, Daiana Bajko, Daniela Lixandru, Manuela Mitu, Janeta Tudosoiu, Bogdan Smeu, Catalin Copaescu, Constantin Ionescu-Tirgoviste and Cristian Guja	National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. N.C. Paulescu", Bucharest, Romania	Resting metabolic rate in obese type-2 diabetic patients candidates for metabolic surgery	2015	Supplement 1/2015, 4th ISAA	Article	Diabetology
Quark CPET	2015	Chao Wu, Xinying Wang, Wenkui Yu, Pei Li, Sitong Liu, Jieshou Li, Ning Li	Department of General Surgery, Jinling Hospital, School of Medicine, Nanjing University, Nanjing, Jiangsu, China	Short-term consequences of continuous renal replacement therapy on body composition and metabolic status in sepsis	Volume 24, issue 3 (September 2015)	Asia Pacific Journal of Clinical Nutrition	Article	Nephrology
Quark CPET	2015	Aubry A, Hausswirth C, Louis J, Coutris AJ, Buchheit M, Le Meur Y	Laboratory of Sport, Expertise and Performance (INSEP), EA, 7370, National Institute of Sport, Expertise and Performance, Paris, France	The Development of Functional Overreaching Is Associated with a Faster Heart Rate Recovery in Endurance Athletes	2015 Oct 21;10(10)	PLoS One.	Article	Exercise Physiology
Quark CPET	2015	Kelsey Corrigan	Dept. Kinesiology University of Maryland	The effect of a 10 day cessation of training in older endurance athletes on pathological production of nitric oxide and reactive oxygen species levels in circulating angiogenic cells	2015		Thesis	Exercise Physiology
Quark CPET	2015	Eddy MD, Hasselquist L, Giles G, Hayes JF, Howe J, Rourke J, Coyne M, O'Donovan M, Batty J, Brunyé TT, Mahoney CR	U.S. Army Natick Soldier Research, Development, and Engineering Center, Natick, Massachusetts, United States of America	The Effects of Load Carriage and Physical Fatigue on Cognitive Performance	2015 Jul 8;10(7)	PLoS One.	Article	Ergonomics
Quark CPET	2015	David C Nieman, R Andrew Shanely, Kevin A Zwetsloot, Mary Pat Meaney and Gerald E Farris	Appalachian State University, Human Performance Lab, North Carolina Research Campus, 600 Laureate Way, Kannapolis, NC 28081, USA	Ultrasonic assessment of exercise-induced change in skeletal muscle glycogen content	(2015) 7:9	BMC Sports Science, Medicine, and Rehabilitation	Article	Exercise Physiology
Quark CPET	2014	Myers J, McElraith M, Jaffe A, Smith K, Fonda H, Vu A, Hill B, Dalman R	Division of Cardiology, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA	A randomized trial of exercise training in abdominal aortic aneurysm disease	2014 Jan;46(1):2-9	Med Sci Sports Exerc.	Article	Cardiology
Quark CPET	2014	Anupama Tyagi, Marc Cohen, John Reece and Shirley Telles	RMIT, West Campus, Bundoora, Victoria, Australia	An explorative study of metabolic responses to mental stress and yoga practices in yoga practitioners, non-yoga practitioners and individuals with metabolic syndrome	2014, 14:445	BMC Complementary and Alternative Medicine	Article	Yoga

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Quark CPET	2014	Zachary I Whinnett, S M Afzal Sohaib, Siana Jones, Andreas Kyriacou, Katherine March, Emma Coady, Jamil Mayet, Alun D Hughes, Michael Frenneaux, Darrel P Francis	International Centre for Circulatory Health, National Heart and Lung Institute, Imperial College London	British randomised controlled trial of AV and VV optimization ("BRAVO") study: rationale, design, and endpoints	2014, 14:42	BMC Cardiovascular Disorders	Article	Cardiology
Quark CPET	2014	Howard A. Fortner, Jeanette M. Salgado, Angelica M. Holmstrup, and Michael E. Holmstrup	Department of Public and Allied Health Sciences, Delaware State University, Dover, DE USA	Cardiovascular and Metabolic Demands of the Kettlebell Swing using Tabata Interval versus a Traditional Resistance Protocol	7(3) : 179-185, 2014	International Journal of Exercise Science	Article	Conditioning
Quark CPET	2014	Hisham El-Said Abdel-Aaty, Mohammed Attia Zamzam, Nourane Yehia Azab, Rabab Abd El Razek El Wahsh, Samah Ahmed El Beltagy	Chest Department, Faculty of Medicine, Menoufia University, Egypt	Comparison of GOLD classification and modified BODE index as staging systems of COPD	(2014) 63, 821-828	Egyptian Journal of Chest Diseases and Tuberculosis	Article	Pneumology
Quark CPET	2014	Myoung-Hee Lee, Min Chu	Department of Physical Therapy, Kyungshung University, South Korea	Correlations between Craniovertebral Angle(CVA) and Cardiorespiratory Function in Young Adults	2014; 9(1): 107-113	J Korean Soc Phys Med,	Article	Exercise Physiology
Quark CPET	2014	Rahel Waldburger	Adipositas-Zentrum des Kantonsspitals St. Gallen, Schweiz	Energieverbrauchsmessung und sportmotorische Leistungsfähigkeit bei Adipositas und nach bariatrischer Chirurgie	2014		Thesis	Obesity
Quark CPET	2014	Hauswirth C, Louis J, Aubry A, Bonnet G, Duffield R, LE Meur Y	Laboratory of Sport, Expertise and Performance, National Institute of Sport, Paris, France	Evidence of disturbed sleep and increased illness in overreached endurance athletes	2014 May;46(5):1036-45	Med Sci Sports Exerc.	Article	Exercise Physiology
Quark CPET	2014	Tadej Debevec, Elizabeth J. Simpson, Ian A. Macdonald, Ola Eiken, Igor B. Mekjavic	Department of Automation, Biocybernetics and Robotics, Jozef Stefan Institute, Ljubljana, Slovenia	Exercise Training during Normobaric Hypoxic Confinement Does Not Alter Hormonal Appetite Regulation	June 2014 Volume 9 Issue 6 e98874	Plos One	Article	Altitude
Quark CPET	2014	Heleen A Russchen, Jorrit Slaman, Henk J Stam, Frederike van Markus-Doombosch, Rita J van den Berg-Emons, Marij E Roebroek	Department of Rehabilitation Medicine, Erasmus MC, University Medical Center, Rotterdam, the Netherlands	Focus on fatigue amongst young adults with spastic cerebral palsy	2014, 11:161	Journal of NeuroEngineering and Rehabilitation	Article	Neurology
Quark CPET	2014	Russchen HA, Slaman J, Stam HJ, van Markus-Doombosch F, van den Berg-Emons RJ, Roebroek ME	Department of Rehabilitation Medicine, Erasmus MC, University Medical Center, Rotterdam, the Netherlands.	Focus on fatigue amongst young adults with spastic cerebral palsy	2014 Dec 11;11(1):161	J Neuroeng Rehabil	Article	Neurology
Quark CPET	2014	Andrada Mihai, Cornelia Zetu, Simona Carniciu, Ariana Picu, Laura Petcu, Cristian Guja, Daniela Lixandru, Constantin Ionescu-Tirgoviste	National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. N.C. Paulescu", Bucharest, Romania	Gender influence on resting metabolic rate and adipocytokines levels in newly diagnosed type 2 diabetic patients with metabolic syndrome	21(3):193-202	Rom J Diabetes Nutr Metab Dis.	Article	Diabetology
Quark CPET	2014	Noojien C, Slaman J, van der Slot W, Stam H, Roebroek M, van den Berg-Emons R	Department of Rehabilitation Medicine, Research Lines MoveFit & Transition and Lifespan Research, Erasmus MC, University Medical Center	Health-related physical fitness of ambulatory adolescents and young adults with spastic cerebral palsy.	2014 Apr 8	J Rehabil Med.	Article	Neurology
Quark CPET	2014	Ali Tiss, Abdelkrim Khadir, Jehad Abubaker, Mohamed Abu-Farha, Irina Al-Khairi, Preethi Cherian, Jeena John, Sina Kavalakatt, Samia Warsame, Fahad Al-Ghimlas, Naser Elkum, Kazem Behbehani, Said Dermime and Mohammed Dehbi	Department of Biomedical Research, Dasman Diabetes Institute, Kuwait City, Kuwait	Immunohistochemical profiling of the heat shock response in obese non-diabetic subjects revealed impaired expression of heat shock proteins in the adipose tissue	2014, 13:106	Lipids in Health and Disease	Article	Obesity
Quark CPET	2014	David C. Nieman, Johannes Scherr, Beibei Luo, Mary Pat Meaney, Didier Dreau, Wei Sha, Dustin A. Dew, Dru A. Henson, Kirk L. Pappan	Appalachian State University, Human Performance Lab, North Carolina Research Campus, Kannapolis, NC, United States of America	Influence of Pistachios on Performance and Exercise-Induced Inflammation, Oxidative Stress, Immune Dysfunction, and Metabolite Shifts in Cyclists: A Randomized, Crossover Trial	November 2014 Volume 9 Issue 11 e113725	PLOS ONE	Article	Cycling
Quark CPET	2014	Munch GD, Svendsen JH, Damsgaard R, Secher NH, González-Alonso J, Mortensen SP	Centre of Inflammation and Metabolism, Department of Infectious Diseases, Rigshospitalet, Section 7641, Blegdamsvej 9, DK-2100 Copenhagen, Denmark	Maximal heart rate does not limit cardiovascular capacity in healthy humans: insight from right atrial pacing during maximal exercise.	2014 Jan 15;592(2):377-90	J Physiol	Article	Exercise Physiology
Quark CPET	2014	Amadeo F. Salvador, Rafael Penteado, Felipe D. Lisboa, Rogério B. Corvino, Eduardo S. Peduzzi, Fabrizio Caputo	Human Performance Research Group, Santa Catarina State University, Florianópolis - SC - Brazil	Physiological and Metabolic Responses to Rescue Simulation in Surf Beach Lifeguarding	June 2014 Volume 17 Number 3	Journal of Exercise Physiology	Article	Surf
Quark CPET	2014	R. Penteadoa, A.F. Salvadora, R.B. Corvinoa, R. Cruza, F.D. Lisboaa, F. Caputoa, R.D. de Lucasa	Research Laboratory of Human Performance, Santa Catarina State University, CEP: 88040-900, Florianópolis (SC), Brazil	Physiological responses at critical running speed during continuous and intermittent exhaustion tests	(2014) 29, e99–e105	Science & Sports	Article	Exercise Physiology
Quark CPET	2014	Suzanne S Kuyts, Courtney Clark and Norman R Morris	Griffith Health Institute, Griffith University, Gold Coast, Australia; Metro North Hospital and Health Service, Queensland Health, Brisbane, Australia	Portable Multisensor Activity Monitor (SenseWear) Lacks Accuracy in Energy Expenditure Measurement during Treadmill Walking Following Stroke	Volume 1 • Issue 1 2014	Int J Neurorehabilitation	Article	Wearables
Quark CPET	2014	Carlos Rafael Correia-Oliveira, Ralmony Alcantara Santos, Marcos David Silva-Cavalcante, Romulo Bertuzzi, Maria Augusta Peduti Dal'Molin Kiss, David John Bishop, Adriano Eduardo Lima-Silva	Sports Science Research Group, Department of Physical Education and Sports Science, CAV, Federal University of Pernambuco, Vitoria de Santo Antao, Pernambuco, Brazil	Prior Low- or High-Intensity Exercise Alters Pacing Strategy, Energy System Contribution and Performance during a 4-km Cycling Time Trial	October 2014 Volume 9 Issue 10	Plos One	Article	Exercise Physiology
Quark CPET	2014	Hebestreit H, Schmid K, Kieser S, Junge S, Ballmann M, Roth K, Hebestreit A, Schenk T, Schindler C, Posselt HG, Kriemler S	Pediatric Department, University of Würzburg, Würzburg, Germany	Quality of life is associated with physical activity and fitness in cystic fibrosis.	2014 Feb 27;14:26	BMC Pulm Med.	Article	Pneumology
Quark CPET	2014	Sung-Jin Hong, Jong-Chan Youn, Jaewon Oh, Namki Hong, Hye Sun Lee, Sungha Park, Sang-Hak Lee, Donghoon Choi, and Seok-Min Kang	Division of Cardiology, Severance Cardiovascular Hospital and Cardiovascular Research Institute, Yonsei University College of Medicine, Seoul, S Korea	Red Cell Distribution Width as an Independent Predictor of Exercise Intolerance and Ventilatory Inefficiency in Patients with Chronic Heart Failure	55(3):635-643, 2014	Yonsei Med J	Article	Cardiology
Quark CPET	2014	Angelo Cataldo, Dario Cerasola, Daniele Zangla, Giuseppe Russo, Rosalia Lo Presti and Marcello Traina	Angelo Cataldo, Dario Cerasola, Daniele Zangla, Giuseppe Russo, Rosalia Lo Presti and Marcello Traina	Relationship Between Heart Rate Recovery After Exercise and Maximal Oxygen Uptake in Sedentary Patients with Type 2 Diabetes	Volume 20, Issue 8, 2014 - Page 2113	Exp Clin Cardiol	Article	Diabetology
Quark CPET	2014	Amalie Bisgaard, Kaspar Sørensen, Trine Holm Johansen, Jørn Wulff Helge, Anna-Maria Andersson and Anders Juul	Department of Growth and Reproduction, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark	Significant gender difference in serum levels of fibroblast growth factor 21 in Danish children and adolescents	2014; 2014(1): 7.	Int J Pediatr Endocrinol.	Article	Paediatric & Children
Quark CPET	2014	Barron A, Dhutia N, Mayet J, Hughes AD, Francis DP, Wensel R.	International Centre for Circulatory Health, Imperial College, London, UK	Test-retest repeatability of cardiopulmonary exercise test variables in patients with cardiac or respiratory disease	2014 Apr;21(4):445-53	Eur J Prev Cardiol.	Article	Validation

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Quark CPET	2014	Fahad Al-Ghimlas, Kalavane Subbramaniam, Osama Al-Owaish, Ma. Theresa Bilas, Kazem Behbehani	Dasman Diabetes Institute	The effects of supervised exercise program on health-related physical fitness in Kuwait	4(32):5083-5097, 2014	British Journal of Medicine & Medical Research	Article	Exercise Physiology
Quark CPET	2014	Nieman DC, Meaney MP, Shanelly RA, Farris G.	Appalachian State University Human Performance Lab at the North Carolina Research Campus, Kannapolis	Validation of the MuscleSound® Ultrasound Device for Quantifying Change in Skeletal Muscle Glycogen Content	2014 May		Study	Wearables
Quark CPET	2013	Kelly A Brooks, Jeremy G Carter and Jay J Dawes	Department of Kinesiology, Texas A&M University, USA	A Comparison of VO2 Measurement Obtained by a Physiological Monitoring Device and the Cosmed Quark CPET	2013, 3:1	J Nov Physiother	Article	Wearables
Quark CPET	2013	Beijst C, Schep G, Breda Ev, Wijn PF, Pul Cv.	Eindhoven University of Technology, Department of Applied Physics, The Netherlands	Accuracy and precision of CPET equipment: a comparison of breath-by-breath and mixing chamber systems.	2013 Jan;37(1):35-42	J Med Eng Technol.	Article	Validation
Quark CPET	2013	Jaelson Gonçalves Ortiz, Fernando Diefenthaler, Vinicius Milanez, Fabio Yuzo Nakamura, Luiz Guilherme Antonacci Guglielmo, Juliano Fernandes da Silva	Laboratório de Esforço Físico, Universidade Federal de Santa Catarina, Florianópolis/ SC, Brasil	Acute physiological responses of recreational soccer in adult untrained women	18(4):435-436 • Jul/2013	Rev Bras Ativ Fis e Saúde	Article	Football
Quark CPET	2013	Jeffrey Beans, Troy Stevenson, Leslie I Katzel, John D Sorokin, Alberta L Warner, Stephen S. Gottlieb, Kristina Crothers, Adeel A Butt, David A Leaf, Matthew S Freiberg and Krisann K Oursler	University of Maryland School of Medicine, USA	Ambulatory Function in Men with and without HIV Infection: Association with Cardiorespiratory Fitness	2013, S9	J AIDS Clinic Res	Article	Epidemiology
Quark CPET	2013	Jehad Abubaker, Ali Tiss, Mohamed Abu-Farha, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Abdelkrim Khadir, Samia Warsame, Said Dermime, Kazem Behbehani, Mohammed Dehbi	Biomedical Research Department, Dasman Diabetes Institute, Kuwait, Kuwait	Cochaperone Is Downregulated in Obese Humans and Is Restored by Physical Exercise	2013 Jul 24;8(7)	PLOS ONE	Article	Obesity
Quark CPET	2013	Jehad Abubaker, Ali Tiss, Mohamed Abu-Farha, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Abdelkrim Khadir, Samia Warsame, Said Dermime, Kazem Behbehani, Mohammed Dehbi	Biomedical Research Department, Dasman Diabetes Institute, Kuwait, Kuwait	DNAJB3/HSP-40 Cochaperone is downregulated in obese humans and is restorer by physical exercise	July 2013 Volume 8 Issue 7 e69217	Plos One	Article	Obesity
Quark CPET	2013	Thor Munch-Andersen, Kaspar Sorensen, Niels-Jacob Aachmann-Andersen, Lise Aksglaede, Anders Juul and Jørn W. Helge	Department of Biomedical Sciences, Center for Healthy Aging, University of Copenhagen, Denmark	Ethnic differences in leptin and adiponectin levels between Greenlandic Inuit and Danish children	2013, 72: 21458	Int J Circumpolar Health	Article	Ethnic
Quark CPET	2013	Balemans AC, Van Wely L, De Heer SJ, Van den Brink J, De Koning JJ, Becher JG, Dallmeijer AJ.	VU University Medical Centre, Department of Rehabilitation Medicine, MOVE Research Institute, Amsterdam, the Netherlands	Maximal Aerobic and Anaerobic Exercise Responses in Children with Cerebral Palsy	2013 Mar;45(3):561-8	Med Sci Sports Exerc.	Article	Neurology
Quark CPET	2013	Colin McAuslan	Faculty of Human Kinetics, University of Windsor, Canada	Physiological Responses to a Battling Rope High Intensity Interval Training Protocol	2013		Thesis	Exercise Physiology
Quark CPET	2013	Mohamed Abu-Farha, Ali Tiss, Jehad Abubaker, Abdelkrim Khadir, Fahad Al-Ghimlas, Irina Al-Khairi, Engin Baturcam, Preethi Cherian, Naser Elkum, Maha Hammad, Jeena John, Sina Kavalakatt, Samia Warsame, Kazem Behbehani, Said Dermime, Mohammed Dehbi	Department of Biomedical Research, Dasman Diabetes Institute, Kuwait, Kuwait	Proteomics Analysis of Human Obesity Reveals the Epigenetic Factor HDAC4 as a Potential Target for Obesity	September 2013 Volume 8 Issue 9 e75342	PLOS ONE	Article	Obesity
Quark CPET	2013	Shulman LM, Katzel LI, Ivey FM, Sorokin JD, Favors K, Anderson KE, Smith BA, Reich SG, Weiner WJ, Macko RF	University of Maryland School of Medicine, Department of Neurology, Baltimore, MD21201, USA	Randomized clinical trial of 3 types of physical exercise for patients with Parkinson disease.	2013 Feb;70(2):183-90.	JAMA Neurol.	Article	Neurology
Quark CPET	2013	So Young Lee, Sa-Yoon Kang, Sang Hee Im, Bo Ryun Kim, Sun Mi Kim, Ho Min Yoon, Eun Young Han	Departments of Rehabilitation Medicine and 2Neurology, Jeju National University Hospital, Jeju National University College of Medicine, Jeju, South Korea	The Effects of Assisted Ergometer Training With a Functional Electrical Stimulation on Exercise Capacity and Functional Ability in Subacute Stroke Patients	2013;37(5):619-627	Ann Rehabil Med	Article	Cardiology
Quark CPET	2013	Gaetano Rocco, Tindaro Gatani, Massimo Di Maio, Ilernando Meoli, Antonello La Rocca, Nicola Martucci, Carmine La Manna, and Francesco Stefanelli	Department of Thoracic Surgery and Oncology, Division of Thoracic Surgery and Service of Physiopathology, National Cancer Institute, Naples, Italy	The impact of decreasing cutoff values for maximal oxygen consumption (VO2max) in the decision-making process for candidates to lung cancer surgery	2013 Feb; 5(1): 12–18.	J Thorac Dis.	Article	Oncology
Quark CPET	2013	Gaetano Rocco, Tindaro Gatani, Massimo Di Maio, Ilernando Meoli, Antonello La Rocca, Nicola Martucci, Carmine La Manna, Francesco Stefanelli	Department of Thoracic Surgery and Oncology, Division of Thoracic Surgery and Service of Physiopathology, National Cancer Institute, Naples, Italy	The impact of decreasing cutoff values for maximal oxygen consumption (VO2max) in the decision-making process for candidates to lung cancer surgery	2013;5(1):12-18	J Thorac Dis	Article	Oncology
Quark CPET	2013	Gaetano Rocco, Tindaro Gatani, Massimo Di Maio, Ilernando Meoli, Antonello La Rocca, Nicola Martucci, Carmine La Manna, Francesco Stefanelli	1Department of Thoracic Surgery and Oncology, Division of Thoracic Surgery and Service of Physiopathology, National Cancer Institute, Naples, Italy	The impact of decreasing cutoff values for maximal oxygen consumption (VO2max) in the decision-making process for candidates to lung cancer surgery	2013;5(1):12-18	J Thorac Dis	Article	Oncology
Quark CPET	2013	Carolina Baptista Menezes, Lisiane Bizarro, Shirley Telles	Faculdade de Psicologia, Universidade Federal de Pelotas, Pelotas, Brasil	Yoga, Psychophysiology, and Health: Studies from the Yoga Department Research, Patanjali University, India	2013, Vol. 21, nº 2, 411-417	Temas em Psicologia	Article	Yoga
Quark CPET	2012	Yoon-Ho Lim, Jeong-Jin Yeo, Mun-Ho Ryu and Yoon-Seok Yang	Department of Healthcare Engineering, Chonbuk National University, Republic of Korea	A Hula-Hoop Inspired Human-Powered Electric Generator and Estimation of Conversion Efficiency based on Quantitative Assessment of Metabolic Energy Expenditure	ASTL Volume 6, 2012	Advanced Science and Technology Letters	Article	Sport Science
Quark CPET	2012	Yoon-Ho Lim, Jeong-Jin Yeo, Mun-Ho Ryu and Yoon-Seok Yang	Department of Healthcare Engineering, Chonbuk National University, Jeonju-si, Republic of Korea	A Hula-Hoop Inspired Human-Powered Electric Generator and Estimation of Conversion Efficiency based on Quantitative Assessment of Metabolic Energy Expenditure	2012, Vol. 6	onlinepresent.org	Article	Wearables
Quark CPET	2012	David C. Nieman, Nicholas D. Gillitt, Dru A. Henson, Wei Sha, R. Andrew Shanelly, Amy M. Knab, Lynn Cialdella-Kam, Fuxia Jin	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, North Carolina, United States of America	Bananas as an Energy Source during Exercise: A Metabolomics Approach	May 2012 Volume 7 Issue 5 e37479	PLOS ONE	Article	Sport Science

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Quark CPET	2012	David C. Nieman, Nicholas D. Gillitt, Dru A. Henson, Wei Sha, R. Andrew Shanely, Amy M. Knab, Lynn Cialdella-Kam, Fuxia Jin	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, North Carolina, United States of America	Bananas as an Energy Source during Exercise: A Metabolomics Approach	May 2012 Volume 7 Issue 5	PLOS ONE	Article	Diet & Food Supplement
Quark CPET	2012	Shivangi Pathak, Shirley Telles, Acharya Balkrishna	Patanjali Research foundation, Haridwar, India	Effect of right nostril yoga breathing and breath awareness on energy expenditure, tidal volume and ventilation	2012	International Conference on Yoga Naturopathy and Arogya Expo 2012	Abstract	Sport Science
Quark CPET	2012	Nilkamal Singh and Shirley Telles	Patanjali Research Foundation, Haridwar, India	High frequency yoga breathing increases energy expenditure from carbohydrates	Vol 56, No 5, Supplement 2012	Indian Journal of Physiology and Pharmacology	Article	Yoga
Quark CPET	2012	G. Mamprin, M. Donà, S. Gambazza	U.O.S. di Fibrosi Cistica, Treviso Italia	La valutazione della prestazione fisica negli adolescenti con fibrosi cistica: relazioni tra diversi test di valutazione	Maggio-Agosto 2012	Rivista italiana di fisioterapia e riabilitazione respiratoria	Article	Pneumology
Quark CPET	2012	Michael Nyberg, James R Blackwell, Rasmus Damsgaard, Andrew M Jones, Ylva Hellsten, Stefan P Mortensen	Department of Exercise and Sport Sciences, University of Copenhagen	Lifelong physical activity prevents an age-related reduction in arterial and skeletal muscle nitric oxide bioavailability in humans	August 7, 2012	Journal of Physiology	Abstract	Sport Science
Quark CPET	2012	Michael Nyberg, James R. Blackwell, Rasmus Damsgaard, Andrew M. Jones, Ylva Hellsten and Stefan P. Mortensen	Department of Exercise and Sport Sciences, University of Copenhagen, Copenhagen, Denmark	Lifelong physical activity prevents an age-related reduction in arterial and skeletal muscle nitric oxide bioavailability in humans	590.21 (2012) pp 5361-5370	J Physiol	Article	Exercise Physiology
Quark CPET	2012	Wendy M. Miller, Thomas J. Spring, Kerstyn C. Zalesin, Kaylee R. Kaeding, Katherine E. Nori Janosz, Peter A. McCullough and Barry A. Franklin	Department of Medicine, Divisions of Nutrition and Preventive Medicine and Preventive Cardiology, Oakland University, William Beaumont School of Medicine, Beaumont Health System, Royal Oak, Michigan, USA	Lower Than Predicted Resting Metabolic Rate Is Associated With Severely Impaired Cardiorespiratory Fitness in Obese Individuals	(2012) 20, 505-511	Obesity	Article	Obesity
Quark CPET	2012	Assia A Bada, Jesper H Svendsen, Niels H Secher, Bengt Saltin and Stefan P Mortensen	Rigshospitalet, Copenhagen, Denmark	Peripheral vasodilation determines cardiac output in exercising humans: Insight from atrial pacing	February 14, 2012	Journal of Physiology	Abstract	Sport science
Quark CPET	2012	Bada AA1, Svendsen JH, Secher NH, Saltin B, Mortensen SP.	The Copenhagen Muscle Research Centre, Rigshospitalet, Denmark.	Peripheral vasodilatation determines cardiac output in exercising humans: insight from atrial pacing.	2012 Apr 15;590(8):2051-60	J Physiol	Article	Cardiology
Quark CPET	2012	So Young Lee, Sang Hee Im, Bo Ryun Kim, Jun Hwan Choi, Seog Jae Lee, Eun Young Han	Departments of Rehabilitation Medicine and 2Neurology, Jeju National University Hospital, Jeju National University College of Medicine, Jeju, South Korea	The Effects of Neuromuscular Electrical Stimulation on cardiopulmonary Function in Healthy Adults	2012; 36(6): 849-856	Ann Rehabil Med	Article	Rehabilitation
Quark CPET	2012	Stefan P. Mortensen, Christopher D. Askew, Meegan Walker, Michael Nyberg, Ylva Hellsten	Rigshospitalet, Copenhagen, Denmark	The hyperaemic response to passive leg movement is dependent on nitric oxide: a new tool to evaluate endothelial nitric oxide function	June 21, 2012	Journal of Physiology	Abstract	Medical engineering
Quark CPET	2012	Christoph Andreas Siebenmann	University of Zurich	The impact of hypoxia on aerobic exercise capacity	2012		Thesis	Altitude
Quark CPET	2012	Thelma P Polyviou, Yannis P Pitsiladis, Wu Chean Lee, Takas Pantazis, Catherine Hambly, John R Speakman3 and Dalia Malkova2	Institute of Cardiovascular and Medical Sciences, Glasgow United Kingdom	Thermoregulatory and cardiovascular responses to creatine, glycerol and alpha lipoic acid in trained cyclists	2012, 9:29	Journal of the International Society of Sports Nutrition	Article	Cycling
Quark CPET	2012	Nieman DC, Konrad M, Henson DA, Kennerly K, Shanely RA, Wallner-Liebmann SJ	Human Performance Laboratory, Appalachian State University, Kannapolis, North Carolina 28081, USA.	Variance in the acute inflammatory response to prolonged cycling is linked to exercise intensity.	2012 Jan;32(1):12-7	J Interferon Cytokine Res	Abstract	Sport Science
Quark CPET	2011	Amy M. Knab, R. Andrew Shanely, Karen D. Corbin, Fuxia Jin, Wei Sha, and David C. Niemna	Human Performance Laboratory, Appalachian State University, North Carolina Research Campus, Kannapolis, NC	A 45-Minute Vigorous Exercise Bout Increases Metabolic Rate for 14 Hours	2011 Sep;43(9):1643-8.	Med Sci Sports Exerc.	Article	Sport Science
Quark CPET	2011	M. E. Keramidis, S. N. Kounalakis, T. Debevec, B. Norman, T. Gustafsson, O. Eiken and I. B. Mekjavic	Department of Automation, Biocybernetics and Robotics, Jozef Stefan Institute, Ljubljana, Slovenia	Acute normobaric hyperoxia transiently attenuates plasma erythropoietin concentration in healthy males: evidence against the 'normobaric oxygen paradox' theory	2011, 202, 91-98	Acta Physiol	Article	Altitude
Quark CPET	2011	Dong Hoon Lee, Seung Hwan Lee, Kiyong An, Jin Young Moon, So Hun Kim, Yoon Jin Choi, Moon Suk Nam, Justin Y. Jeon	Department of Sport and Leisure Studies, Yonsei University, South Korea	Effects of 6 Weeks of Lifestyle Modification Including Combined Exercise Program on the Risk of Metabolic Parameters and Macrovascular Complications in Type 2 Diabetic Patients	2011 Sep;20(3):147-159.	Korean J Obes.	Article	Metabolic Syndrome
Quark CPET	2011	Christophe Hausswirth, Julien Louis, Francois Bieuzen, Herve Pournot, Jean Fournier, Jean-Robert Filliard, Jeanick Brisswalter	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Effects of Whole-Body Cryotherapy vs. Far-Infrared vs. Passive Modalities on Recovery from Exercise-Induced Muscle Damage in Highly-Trained Runners	December 2011 Volume 6 Issue 12 e27749	PLOS ONE	Article	Sport Science
Quark CPET	2011	Shirley Telles, Nilkamal Singh and Acharya Balkrishna	Patanjali Research Foundation, Patanjali Yogpeeth, Haridwar, India	Heart rate variability changes during high frequency yoga breathing and breath awareness	2011, 5:4	BioPsychoSocial Medicine	Article	Sport Science
Quark CPET	2011	Pantalone, Giovanni	Durban University of Technology	The effect of Phosphoricum acidum 200CH on the adverse physiological effects induced by exercise in cyclists	2011		Abstract	Sport Science
Quark CPET	2011	Mohsen Ibrahim Ahmed	Faculty of Physical Education, Menia University, EGYPT	The effects of concurrent training on cardiovascular response and strength among young basketball players	11th edition, Constantia, 20-21 May 2011	Conference "Perspectives in physical education and sport"	Abstract	Sport Science
Quark CPET	2011	Tadej Debevec	Jožef Stefan International Postgraduate School Ljubljana, Slovenia	The use of normobaric hypoxia for the enhancement of sea level and/or altitude exercise performance	October 2011		Thesis	Sport Science
Quark CPET	2011	Karen Estellé Welman	Faculty of Education Department of Sport Science, University of Stellenbosch	The value of graduated compression socks as a postexercise recovery modality in long distance runners	March 2011		Thesis	Sport Science
Quark CPET	2011	Herve Pournot, Francois Bieuzen, Julien Louis, Jean-Robert Fillard, Etienne Barbiche, Christophe Hausswirth	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Time-Course of Changes in Inflammatory Response after Whole-Body Cryotherapy Multi Exposures following Severe Exercise	July 2011 Volume 6 Issue 7 e22748	PLOS ONE	Article	Exercise Physiology
Quark CPET	2011	Herve Pournot, Francois Bieuzen, Julien Louis, Jean-Robert Fillard, Etienne Barbiche, Christophe Hausswirth	Research Department, National Institute of Sport, Expertise and Performance (INSEP), Paris, France	Time-Course of Changes in Inflammatory Response after Whole-Body Cryotherapy Multi Exposures following Severe Exercise	July 2011 Volume 6 Issue 7	PLOS ONE	Article	Exercise Physiology
Quark CPET	2011	Emily R. Bowles, Alan C. Utter, Melanie D. Austin, David C. Nieman, D. Dew, Anne Moody, Ben Cartner, (Alan C. Utter)	Human Performance Laboratory, Appalachian State University, Boone, NC USA	Validation of COSMED's Quark CPET with Mixing Chamber System	2011		Presentation	Validation

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Quark CPET	2011	Emily R. Bowles, Alan C. Utter, Melanie D. Austin, David C. Nieman, D. Dew, Anne Moody, Ben Cartner, (Alan C. Utter)	Human Performance Laboratory, Appalachian State University, Boone, NC USA	Validation of COSMED's Quark CPET with Mixing Chamber System	304, Poster Board: 3 2011	ACSM	Poster	Validation
Quark CPET	2010	Kaeding, Kaylee R.; Spring, Tom; Franklin, Barry A.; deJong, Adam FACSM; Miller, Wendy; McCullough, Peter A.	William Beaumont Hospital, Royal Oak, MI	Impaired Exercise Capacity in the Morbidly Obese: Implications for Exercise Prescription	May 2010 - Volume 42 - Issue 5 - p 731	Medicine & Science in Sports & Exercise	Poster	Metabolic Syndrome
Quark CPET	2010	Leontien Van Wely, Jules G Becher, Heleen A Reinders-Messelink, Eline Lindeman, Olaf Verschuren, Johannes Verheijden, Annet J Dallmeijer	Department of Rehabilitation Medicine, EMGO+ Institute for Health and Care Research, Research Institute MOVE, VU University Medical Center, Amsterdam, The Netherlands	LEARN 2 MOVE 7-12 years: a randomized controlled trial on the effects of a physical activity stimulation program in children with cerebral palsy	2010, 10:77	BMC Pediatrics	Article	Paediatric & Children
Quark CPET	2010	Sundeeep Chaudhry, Ross A. Arena, James E. Hansen, Gregory D. Lewis, Jonathan N. Myers, Laurence S. Sperling, Brian D. LaBudde, and Karlman Wasserman	Various	The Utility of Cardiopulmonary Exercise Testing to Detect and Track Early-Stage Ischemic Heart Disease	2010;85(10):928-932	Mayo Clin Proc.	Article	Cardiology
Quark CPET	2009	Kaivo Thomson, Anthony Watt, and Jarmo Liukkonen	University of Jyväskylä, Finland	Differences in ball sports athletes speed discrimination skills before and after exercise induced fatigue	(2009) 8, 259-264	Journal of Sports Science and Medicine	Article	Sport Science
Quark CPET	2009	Sundeeep Chaudhry, Ross Arena, Karlman Wasserman, James E. Hansen, Gregory D. Lewis, Jonathan Myers, Nicolas Chronos, and William E. Boden	Research and Development Department, Met-test Inc, Atlanta, GA	Exercise-induced Myocardial Ischemia Detected by Cardiopulmonary Exercise Testing	2009 Mar 1	Am J Cardiol.	Article	Cardiology
Quark CPET	2009	KASPAR SØRENSEN, LISE AKSGLAEDE, THOR MUNCH-ANDERSEN, NIELS JACOB AACHMANN-ANDERSEN, JOERGEN HOLM PETERSEN, LINDA HILSTED, JØRN WULFF HELGE, ANDERS JUUL	Department of Growth and Reproduction, Copenhagen University Hospital, Copenhagen, Denmark	Sex Hormone-Binding Globulin Levels Predict Insulin Sensitivity, Disposition Index, and Cardiovascular Risk During Puberty	VOLUME 32, NUMBER 5, MAY 2009	DIABETES CARE,	Article	Metabolic Syndrome
Quark CPET	2009		Australian Institute of Sport	Validation of Quark CPET against a "first principles" metabolic calibrator	2009		Paper	Validation
Quark CPET	20	A. V. Minyaeva, S. A. Moiseev, A. M. Pukhov, A. A. Savokhin, Y. P. Gerasimenko, T. R. Moshonkina ,	Tver State University, Tver, Russia	Response of external inspiration to the movements induced by transcutaneous spinal cord stimulation	September 2017, Volume 43, Issue 5, pp 524-531] Cite as	Human Physiology	Article	Exercise Physiology