

ORIGINAL ARTICLES

Cardiac output and oxygen uptake relationship during physical effort in men and women over 60 years old

P.T.V. Farinatti · P.P.S. Soares 625

Bronchodilator effect on ventilatory, pulmonary gas exchange, and heart rate kinetics during high-intensity exercise in COPD

P. Laveneziana · P. Palange · J. Ora · D. Martolini · D.E. O'Donnell 633

Effect of gender on fuel utilization during exercise at different intensities in untrained Thai individuals

T. Janyacharoen · P. Auvichayapat · K. Tsintzas · I.A. Macdonald · N. Leelayuwat 645

Vascular and baroreceptor abnormalities in young males with a family history of hypertension

Y.N. Boutcher · Y.J. Park · S.H. Boutcher 653

Induction and decay of short-term heat acclimation

A.T. Garrett · N.G. Goosens · N.J. Rehrer · M.J. Patterson · J.D. Cotter 659

Erratum 671

Blood pressure and thermal responses to repeated whole body cold exposure: effect of winter clothing

Y. Li · H. Alshaer · G. Fernie 673

Delayed-onset muscle soreness induced by low-load blood flow-restricted exercise

J.D. Umbel · R.L. Hoffman · D.J. Dearth · G.S. Chleboun · T.M. Manini · B.C. Clark 687

Endurance training accelerates exhaustive exercise-induced mitochondrial DNA deletion and apoptosis of left ventricle myocardium in rats

C.-C. Huang · T.-J. Lin · C.-C. Chen · W.-T. Lin 697

Effect of the first night shift period on sleep in young nurse students

I. Fietze · K. Knoop · M. Glos · M. Holzhausen · J.G. Peter · T. Penzel 707

Force variability during isometric wrist flexion in highly skilled and sedentary individuals

K. Salonikidis · I.G. Amiridis · N. Oxyzoglou · E.S.S. de Villareal · A. Zafeiridis · E. Kellis 715

Neural adaptations underlying cross-education after unilateral strength training

M.S. Fimland · J. Helgerud · G.M. Solstad · V.M. Iversen · G. Leivseth · J. Hoff 723

CASE STUDY

Running from Paris to Beijing: biomechanical and physiological consequences

G.Y. Millet · J.-B. Morin · F. Degache · P. Edouard · L. Feasson · J. Verney · R. Oullion 731

SHORT COMMUNICATIONS

The two asymmetries of the bouncing step

G.A. Cavagna 739

Effects of saliva collection using cotton swab on cortisol enzyme immunoassay

T. Kozaki · N. Hashiguchi · Y. Kaji · A. Yasukouchi · Y. Tochihara 743

ACKNOWLEDGMENT TO REFEREES 747

Further articles can be found at www.springerlink.com

Indexed in/abstracted by *Current Contents* and *Index Medicus*

Instructions for Authors for *Eur J Appl Physiol* are available at <http://www.springer.com/00421>