Robert Patrick Lamberts

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7713484/publications.pdf

Version: 2024-02-01

87 papers	2,317 citations	257357 24 h-index	233338 45 g-index
88 all docs	88 docs citations	88 times ranked	2514 citing authors

#	Article	IF	Citations
1	Differences in execution and perception of training sessions as experienced by (semiâ€) professional cyclists and their coach. European Journal of Sport Science, 2022, 22, 1586-1594.	1.4	3
2	More than 25 years after selective dorsal rhizotomy: physical status, quality of life, and levels of anxiety and depression in adults with cerebral palsy. Journal of Neurosurgery, 2022, 136, 689-698.	0.9	4
3	Power Profile of Top 5 Results in World Tour Cycling Races. International Journal of Sports Physiology and Performance, 2022, 17, 203-209.	1.1	8
4	Spinal Curvatures, Deformities, and the Level of Disability in People with Bilateral Spastic Cerebral Palsy Living in South Africa; A 6-Year Follow-Up Study During Adulthood. Archives of Physical Medicine and Rehabilitation, 2022, 103, 481-487.	0.5	0
5	Gait status 26â€“35 years after selective dorsal rhizotomy: A 9 year follow up study. Gait and Posture, 2022, 91, 284-289.	0.6	5
6	Muscular Activation Patterns During Exercise on the Treadmill, Stepper, and Elliptical Trainer. Journal of Strength and Conditioning Research, 2022, 36, 1847-1852.	1.0	1
7	A prospective randomized controlled trial comparing plating augmented with coracoclavicular fixation and hook plate fixation of displaced distal-third clavicle fractures. Journal of Shoulder and Elbow Surgery, 2022, 31, 906-913.	1.2	8
8	The Record Power Profile of Male Professional Cyclists: Normative Values Obtained From a Large Database. International Journal of Sports Physiology and Performance, 2022, 17, 701-710.	1.1	15
9	The Record Power Profile in Professional Female Cyclists: Normative Values Obtained From a Large Database. International Journal of Sports Physiology and Performance, 2022, 17, 682-686.	1.1	8
10	The Effects of Visual Feedback on Performance in Heart Rate- and Power-Based-Tasks during a Constant Load Cycling Test. Journal of Sports Science and Medicine, 2022, 21, 49-57.	0.7	2
11	Performance Characteristics of TOP5 Versus NOT-TOP5 Races in Female Professional Cycling. International Journal of Sports Physiology and Performance, 2022, 17, 1070-1076.	1.1	5
12	Introducing a Method to Quantify the Specificity of Training for Races in Speed Skating. Journal of Strength and Conditioning Research, 2022, 36, 1998-2004.	1.0	3
13	Evaluation of host biomarkers for monitoring treatment response in spinal tuberculosis: A 12-month cohort study. Cytokine, 2022, 157, 155944.	1.4	2
14	Epidemiology of clavicle shaft fractures in a public hospital in South Africa: differences between developing and developed countries. European Journal of Trauma and Emergency Surgery, 2022, 48, 4935-4941.	0.8	1
15	Daily activities, participation, satisfaction, and functional mobility of adults with cerebral palsy more than 25â€‰years after selective dorsal rhizotomy: a long-term follow-up during adulthood. Disability and Rehabilitation, 2021, 43, 2191-2199.	0.9	8
16	Analysis of a Submaximal Cycle Test to Monitor Adaptations to Training: Implications for Optimizing Training Prescription. Journal of Strength and Conditioning Research, 2021, 35, 924-930.	1.0	5
17	A long-term follow-up study of spinal abnormalities and pain in adults with cerebral palsy and spastic diplegia more than 25 years after selective dorsal rhizotomy. Journal of Neurosurgery: Spine, 2021, 34, 228-235.	0.9	4
18	Physiological Indicators of Trail Running Performance: A Systematic Review. International Journal of Sports Physiology and Performance, 2021, 16, 325-332.	1.1	15

#	Article	IF	Citations
19	Physiological and Metabolic Responses to Exercise on Treadmill, Elliptical Trainer, and Stepper: Practical Implications for Training. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 135-142.	1.0	0
20	Maintaining Power Output with Accumulating Levels of Work Done Is a Key Determinant for Success in Professional Cycling. Medicine and Science in Sports and Exercise, 2021, 53, 1903-1910.	0.2	38
21	Monitoring Progress in Professional Cycling: From Submaximal Testing to the Use of Field Data. International Journal of Sports Physiology and Performance, 2021, 16, 611.	1.1	1
22	Blood pressure in adults with cerebral palsy: a systematic review and meta-analysis of individual participant data. Journal of Hypertension, 2021, 39, 1942-1955.	0.3	7
23	Biomarkers to predict FDG PET/CT activity after the standard duration of treatment for spinal tuberculosis: An exploratory study. Tuberculosis, 2021, 129, 102107.	0.8	2
24	A Systematic Review on Markers of Functional Overreaching in Endurance Athletes. International Journal of Sports Physiology and Performance, 2021, 16, 1065-1073.	1.1	11
25	Demands of the Tour de France: A Case Study of a World-Class Sprinter (Part I). International Journal of Sports Physiology and Performance, 2021, 16, 1363-1370.	1.1	6
26	Sprint Tactics in the Tour de France: A Case Study of a World-Class Sprinter (Part II). International Journal of Sports Physiology and Performance, 2021, 16, 1371-1377.	1.1	5
27	Adults with spastic diplegic cerebral palsy living in a low-to-middle income country: A six-year follow-up study on pain, functional mobility, activity and participation. Disability and Health Journal, 2021, 14, 101130.	1.6	6
28	Candidate Biomarkers to Distinguish Spinal Tuberculosis From Mechanical Back Pain in a Tuberculosis Endemic Setting. Frontiers in Immunology, 2021, 12, 768040.	2.2	8
29	The level of accomplishment and satisfaction in activity and participation of adults with cerebral palsy and spastic diplegia. Journal of Orthopaedic Science, 2020, 25, 507-512.	0.5	4
30	Lower Extremity Strength Profile in Ambulatory Adults with Cerebral Palsy and Spastic Diplegia: Norm Values and Reliability for Handâ€Held Dynamometry. PM and R, 2020, 12, 573-580.	0.9	6
31	Training Prescription Guided by Heart Rate Variability Vs. Block Periodization in Well-Trained Cyclists. Journal of Strength and Conditioning Research, 2020, 34, 1511-1518.	1.0	26
32	Incidence of spinal deformities and the relationship with physical status and back pain in ambulant adults with cerebral palsy and spastic diplegia. European Spine Journal, 2020, 29, 1416-1423.	1.0	6
33	Management of clavicle shaft fractures with intramedullary devices: a narrative review. Expert Review of Medical Devices, 2020, 17, 807-815.	1.4	10
34	Training Prescription Guided by Heart-Rate Variability in Cycling. International Journal of Sports Physiology and Performance, 2019, 14, 23-32.	1.1	43
35	Running Economy: Neuromuscular and Joint-Stiffness Contributions in Trained Runners. International Journal of Sports Physiology and Performance, 2019, 14, 16-22.	1.1	27
36	Bony anatomy of the third metacarpal and relationship with the capitate: a computed tomography study. Surgical and Radiologic Anatomy, 2019, 41, 1319-1324.	0.6	3

#	Article	IF	Citations
37	The Effectiveness of a Flexible Locked Intramedullary Nail and an Anatomically Contoured Locked Plate to Treat Clavicular Shaft Fractures. Journal of Bone and Joint Surgery - Series A, 2019, 101, 628-634.	1.4	23
38	Gait Pattern of Adults with Cerebral Palsy and Spastic Diplegia More Than 15 Years after Being Treated with an Interval Surgery Approach: Implications for Low-Resource Settings. Indian Journal of Orthopaedics, 2019, 53, 655-661.	0.5	5
39	Can the Lamberts and Lambert Submaximal Cycle Test Reflect Overreaching in Professional Cyclists?. International Journal of Sports Physiology and Performance, 2018, 13, 23-28.	1.1	15
40	Child and adult spinal tuberculosis at tertiary hospitals in the Western Cape, South Africa: 4-year burden and trend. Epidemiology and Infection, 2018, 146, 2107-2115.	1.0	12
41	Bone health in elite Kenyan runners. Journal of Sports Sciences, 2017, 36, 1-6.	1.0	9
42	Acute fatigue negatively affects risk factors for injury in trained but not wellâ€trained habitually shod runners when running barefoot. European Journal of Sport Science, 2017, 17, 1220-1229.	1.4	5
43	Biomechanical analysis of gait waveform data: exploring differences between shod and barefoot running in habitually shod runners. Gait and Posture, 2017, 58, 274-279.	0.6	9
44	Habitual Minimalist Shod Running Biomechanics and the Acute Response to Running Barefoot. International Journal of Sports Medicine, 2017, 38, 770-775.	0.8	14
45	Submaximal Markers of Fatigue and Overreaching; Implications for Monitoring Athletes. International Journal of Sports Medicine, 2017, 38, 675-682.	0.8	19
46	HIV encephalopathy with bilateral lower limb spasticity: upper limb motor function and level of activity and participation. Developmental Medicine and Child Neurology, 2017, 59, 412-419.	1.1	9
47	Relationship between perceived exertion during exercise and subsequent recovery measurements. Biology of Sport, 2017, 1, 3-9.	1.7	8
48	Can The Lamberts Submaximal Cycle Test Reflect Overreaching In Professional Female Cyclists?. Medicine and Science in Sports and Exercise, 2017, 49, 820.	0.2	0
49	A Systematic Review of the Effects of Single-Event Multilevel Surgery on Gait Parameters in Children with Spastic Cerebral Palsy. PLoS ONE, 2016, 11, e0164686.	1.1	48
50	How well can step-off and gap distances be reduced when treating intra-articular distal radius fractures with fragment specific fixation when using fluoroscopy. Orthopaedics and Traumatology: Surgery and Research, 2016, 102, 1001-1004.	0.9	15
51	Comment rÃ©duire lâ€™incidence des cal vicieux des fractures du radius distal par une fixation spÃ©cifique des fragments radioguidÃ©e. Revue De Chirurgie Orthopedique Et Traumatologique, 2016, 102, 721.	0.0	0
52	A Systematic Review of Submaximal Cycle Tests to Predict, Monitor, and Optimize Cycling Performance. International Journal of Sports Physiology and Performance, 2016, 11, 707-714.	1.1	27
53	Adâ€libitum drinking and performance during a 40â€km cycling time trial in the heat. European Journal of Sport Science, 2016, 16, 213-220.	1.4	29
54	A Novel Intramedullary Locked Fixation Device for Treatment of Clavicle Shaft Fractures. JBJS Essential Surgical Techniques, 2016, 6, e8.	0.3	2

#	Article	IF	Citations
55	A New Submaximal Rowing Test to Predict 2,000-m Rowing Ergometer Performance. Journal of Strength and Conditioning Research, 2015, 29, 2426-2433.	1.0	13
56	Faster Heart Rate Recovery With Increased RPE. Journal of Strength and Conditioning Research, 2015, 29, 3343-3352.	1.0	8
57	The treatment of clavicular shaft fractures with an innovative locked intramedullary device. Journal of Shoulder and Elbow Surgery, 2015, 24, e1-e6.	1.2	28
58	Allometric Scaling and Predicting Cycling Performance in (Well-) Trained Female Cyclists. International Journal of Sports Medicine, 2014, 35, 217-222.	0.8	5
59	High Responders and Low Responders: Factors Associated with Individual Variation in Response to Standardized Training. Sports Medicine, 2014, 44, 1113-1124.	3.1	266
60	Effect of exercise intensity on post-exercise oxygen consumption and heart rate recovery. European Journal of Applied Physiology, 2014, 114, 1809-1820.	1.2	43
61	Changes in cortical beta activity related to a biceps brachii movement task while experiencing exercise induced muscle damage. Physiology and Behavior, 2014, 123, 1-10.	1.0	8
62	Standardized Versus Customized High-Intensity Training: Effects on Cycling Performance. International Journal of Sports Physiology and Performance, 2014, 9, 292-301.	1.1	23
63	Impairment of 40-km Time-Trial Performance but Not Peak Power Output With External Iliac Kinking: A Case Study in a World-Class Cyclist. International Journal of Sports Physiology and Performance, 2014, 9, 720-722.	1.1	1
64	Predicting Cycling Performance in Trained to Elite Male and Female Cyclists. International Journal of Sports Physiology and Performance, 2014, 9, 610-614.	1.1	24
65	Methods of Prescribing Relative Exercise Intensity: Physiological and Practical Considerations. Sports Medicine, 2013, 43, 613-625.	3.1	221
66	Allometric scaling of peak power output accurately predicts time trial performance and maximal oxygen consumption in trained cyclists. British Journal of Sports Medicine, 2012, 46, 36-41.	3.1	27
67	A Systematic Review on Heart-Rate Recovery to Monitor Changes in Training Status in Athletes. International Journal of Sports Physiology and Performance, 2012, 7, 251-260.	1.1	163
68	Dissociation in changes in EMG activation during maximal isometric and submaximal low force dynamic contractions after exercise-induced muscle damage. Journal of Electromyography and Kinesiology, 2011, 21, 542-550.	0.7	8
69	Alternative methods of normalising EMG during running. Journal of Electromyography and Kinesiology, 2011, 21, 579-586.	0.7	70
70	Adapting Workload Improves the Measurement of Heart Rate Recovery. International Journal of Sports Medicine, 2011, 32, 698-702.	0.8	20
71	A novel submaximal cycle test to monitor fatigue and predict cycling performance. British Journal of Sports Medicine, 2011, 45, 797-804.	3.1	82
72	THE IMPORTANCE OF A CORRECT STUDY DESIGN TO DIFFERENTIATE BETWEEN TWO OPPOSING MODELS. Medicine and Science in Sports and Exercise, 2011, 43, 190.	0.2	0

#	Article	IF	Citations
73	Heart rate recovery as a guide to monitor fatigue and predict changes in performance parameters. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 449-457.	1.3	96
74	Measuring submaximal performance parameters to monitor fatigue and predict cycling performance: a case study of a world-class cyclo-cross cyclist. European Journal of Applied Physiology, 2010, 108, 183-190.	1.2	52
75	Exercising with reserve: evidence that the central nervous system regulates prolonged exercise performance. British Journal of Sports Medicine, 2009, 43, 782-788.	3.1	87
76	Changes in heart rate recovery after high-intensity training in well-trained cyclists. European Journal of Applied Physiology, 2009, 105, 705-713.	1.2	89
77	Exercising with reserve: exercise regulation by perceived exertion in relation to duration of exercise and knowledge of endpoint. British Journal of Sports Medicine, 2009, 43, 775-781.	3.1	91
78	Functional Status of Patients With Cerebral Palsy According to the International Classification of Functioning, Disability and Health Model: A 20-Year Follow-Up Study After Selective Dorsal Rhizotomy. Archives of Physical Medicine and Rehabilitation, 2009, 90, 994-1003.	0.5	48
79	Effects of High-Intensity Training by Heart Rate or Power in Well-Trained Cyclists. Journal of Strength and Conditioning Research, 2009, 23, 619-625.	1.0	25
80	Day-to-Day Variation in Heart Rate at Different Levels of Submaximal Exertion: Implications for Monitoring Training. Journal of Strength and Conditioning Research, 2009, 23, 1005-1010.	1.0	49
81	Selective dorsal rhizotomy and the challenge of monitoring its long-term sequelae. Journal of Neurosurgery: Pediatrics, 2008, 1, 178.	0.8	2
82	A prospective gait analysis study in patients with diplegic cerebral palsy 20 years after selective dorsal rhizotomy. Journal of Neurosurgery: Pediatrics, 2008, 1, 180-186.	0.8	80
83	Selective dorsal rhizotomy: long-term experience from Cape Town. Child's Nervous System, 2007, 23, 1003-1006.	0.6	34
84	Physical profiles of elite male field hockey and soccer players - application to sport-specific tests. SA Sports Medicine, 2007, 19, 74.	0.1	4
85	Variation in Heart Rate During Submaximal Exercise: Implications for Monitoring Training. Journal of Strength and Conditioning Research, 2004, 18, 641-645.	1.0	3
86	The Interval Shuttle Run Test for Intermittent Sport Players: Evaluation of Reliability. Journal of Strength and Conditioning Research, 2004, 18, 821.	1.0	33
87	Variation in Heart Rate During Submaximal Exercise: Implications for Monitoring Training. Journal of Strength and Conditioning Research, 2004, 18, 641.	1.0	59