

Brendan J Humphries

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7254112/publications.pdf>

Version: 2024-02-01

33
papers

1,982
citations

430874
18
h-index

477307
29
g-index

33
all docs

33
docs citations

33
times ranked

1738
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The optimal training load for the development of dynamic athletic performance. <i>Medicine and Science in Sports and Exercise</i> , 1993, 25, 1279-1286. | 0.4 | 431 |
| 2 | Kinematics, Kinetics, and Muscle Activation during Explosive Upper Body Movements. <i>Journal of Applied Biomechanics</i> , 1996, 12, 31-43. | 0.8 | 310 |
| 3 | Influence of load and stretch shortening cycle on the kinematics, kinetics and muscle activation that occurs during explosive upper-body movements. <i>European Journal of Applied Physiology</i> , 1997, 75, 333-342. | 2.5 | 279 |
| 4 | The Effect of Short-Term Swiss Ball Training on Core Stability and Running Economy. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 522. | 2.1 | 138 |
| 5 | Discriminating between elderly and young using a fractal dimension analysis of centre of pressure. <i>International Journal of Medical Sciences</i> , 2004, 1, 11-20. | 2.5 | 108 |
| 6 | Determining the Optimal Load for Jump Squats: A Review of Methods and Calculations. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 668. | 2.1 | 106 |
| 7 | The influence of physical and cognitive factors on reactive agility performance in men basketball players. <i>Journal of Sports Sciences</i> , 2014, 32, 367-374. | 2.0 | 87 |
| 8 | Myoelectric evidence of peripheral muscle fatigue during exercise in severe hypoxia: some references to m. vastus lateralis myosin heavy chain composition. <i>European Journal of Applied Physiology</i> , 1997, 75, 151-159. | 2.5 | 73 |
| 9 | 1,1,1-Trichloro-2,2-bis(p-Chlorophenyl)-Ethane (DDT) and Reduced Bone Mineral Density. <i>Archives of Environmental Health</i> , 2000, 55, 177-180. | 0.4 | 60 |
| 10 | Effect of exercise intensity on bone density, strength, and calcium turnover in older women. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1043-1050. | 0.4 | 52 |
| 11 | Neuromechanical strategies employed to increase jump height during the initiation of the squat jump. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 515-521. | 1.7 | 38 |
| 12 | Prevalence and correlates of resistance training in a regional Australian population. <i>British Journal of Sports Medicine</i> , 2010, 44, 653-656. | 6.7 | 36 |
| 13 | Electrophoretic Separation of Myosin Heavy Chain Isoforms in the Human M. Vastus Lateralis: References to Reproducibility and Relationships with Force, Electromechanical Delay, Fibre Conduction Velocity, Endurance and Electromyography. <i>Archives of Physiology and Biochemistry</i> , 1997, 105, 10-18. | 2.1 | 31 |
| 14 | Whole-Body Vibration Effects on Bone Mineral Density in Women With or Without Resistance Training. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 1025-1031. | 0.5 | 31 |
| 15 | Further Evidence to Change the Medical Classification System of the National Wheelchair Basketball Association. <i>Adapted Physical Activity Quarterly</i> , 2004, 21, 63-70. | 0.8 | 25 |
| 16 | The Influence of Variable Range of Motion Training on Neuromuscular Performance and Control of External Loads. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 704-711. | 2.1 | 25 |
| 17 | The Effect of a Braking Device in Reducing the Ground Impact Forces Inherent in Plyometric Training. <i>International Journal of Sports Medicine</i> , 1995, 16, 129-133. | 1.7 | 21 |
| 18 | A Comparison of Force Curve Profiles Between the Bench Press and Ballistic Bench Throws. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1755-1759. | 2.1 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Kinanthropometric and physiological characteristics of outrigger canoe paddlers. Journal of Sports Sciences, 2000, 18, 395-399. | 2.0 | 19 |
| 20 | Moderate-Intensity Running Causes Intervertebral Disc Compression in Young Adults. Medicine and Science in Sports and Exercise, 2012, 44, 2199-2204. | 0.4 | 15 |
| 21 | An Examination of Strength and Concentric Work Ratios During Variable Range of Motion Training. Journal of Strength and Conditioning Research, 2008, 22, 1716-1719. | 2.1 | 14 |
| 22 | Validity of a Smartphone-Based Application for Determining Sprinting Performance. Hindawi Publishing Corporation, 2016, 2016, 1-5. | 1.1 | 13 |
| 23 | The prevalence and performance of resistance exercise training activities in an Australian population in relation to health authority guidelines. Journal of Science and Medicine in Sport, 2018, 21, 616-620. | 1.3 | 12 |
| 24 | An examination of student preference for traditional didactic or chunking teaching strategies in an online learning environment. Research in Learning Technology, 0, 29, . | 2.3 | 11 |
| 25 | Reliability of an electrophoretic and image processing analysis of human skeletal muscle taken from m. vastus lateralis. European Journal of Applied Physiology, 1997, 75, 532-536. | 2.5 | 10 |
| 26 | Physiological and Fatigue Responses Associated With Male and Mixed-Gender Ultimate Frisbee Game Play. Journal of Strength and Conditioning Research, 2015, 29, 2600-2607. | 2.1 | 7 |
| 27 | The Activity Intensities Reached When Playing Active Tennis Gaming Relative to Sedentary Gaming, Tennis Game-Play, and Current Activity Recommendations in Young Adults. Journal of Strength and Conditioning Research, 2013, 27, 2588-2595. | 2.1 | 4 |
| 28 | A Structured E-Investigation Into the Prevalence and Acceptance of Smartphone Applications by Exercise Professionals. Journal of Strength and Conditioning Research, 2020, 34, 1330-1339. | 2.1 | 3 |
| 29 | Female Collegiate Windmill Pitchers: Influences to Injury Incidence. Journal of Strength and Conditioning Research, 2004, 18, 426-431. | 2.1 | 2 |
| 30 | A novel approach to standardizing landing and balancing tasks in netball using single-leg horizontal jumps. Measurement in Physical Education and Exercise Science, 2018, 22, 294-302. | 1.8 | 1 |
| 31 | Self-Reported Training Habits of Australian Outrigger Canoe Paddlers. Journal of Strength and Conditioning Research, 2002, 16, 477. | 2.1 | 0 |
| 32 | Design of a Controlled-Release Ergometer for the Measurement of Musculotendinous Stiffness of the Knee Flexors. Journal of Strength and Conditioning Research, 2005, 19, 959. | 2.1 | 0 |
| 33 | Comparison Of Two Techniques To Measure Musculotendinous Stiffness Of The Knee Flexors. Medicine and Science in Sports and Exercise, 2005, 37, S91. | 0.4 | 0 |