

Ludovic Seifert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8000734/publications.pdf>

Version: 2024-02-01

154
papers

3,993
citations

126907

33
h-index

197818

49
g-index

156
all docs

156
docs citations

156
times ranked

1829
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Assessment of fluency dynamics in climbing. <i>Sports Biomechanics</i> , 2024, 23, 133-144. | 1.6 | 7 |
| 2 | Arm–leg coordination during the underwater pull-out sequence in the 50, 100 and 200–m breaststroke start. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 95-100. | 1.3 | 6 |
| 3 | Enactive and ecological dynamics approaches: complementarity and differences for interventions in physical education lessons. <i>Physical Education and Sport Pedagogy</i> , 2022, 27, 130-143. | 3.0 | 5 |
| 4 | Identifying patterns in trunk/head/elbow changes of riders and non-riders: A cluster analysis approach. <i>Computers in Biology and Medicine</i> , 2022, 143, 105193. | 7.0 | 1 |
| 5 | The Ecological Dynamics Framework: An Innovative Approach to Performance in Extreme Environments: A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2753. | 2.6 | 3 |
| 6 | The Effect of a Coordinative Training in Young Swimmers–™ Performance. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7020. | 2.6 | 3 |
| 7 | Visual control during climbing: Variability in practice fosters a proactive gaze pattern. <i>PLoS ONE</i> , 2022, 17, e0269794. | 2.5 | 5 |
| 8 | Exploring to learn and learning to explore. <i>Psychological Research</i> , 2021, 85, 1367-1379. | 1.7 | 35 |
| 9 | The perception of nested affordances: An examination of expert climbers. <i>Psychology of Sport and Exercise</i> , 2021, 52, 101843. | 2.1 | 9 |
| 10 | An ecological dynamics conceptualisation of physical –education–™: Where we have been and where we could go next. <i>Physical Education and Sport Pedagogy</i> , 2021, 26, 293-306. | 3.0 | 25 |
| 11 | Learning and transfer of perceptual-motor skill: Relationship with gaze and behavioral exploration. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 2303-2319. | 1.3 | 11 |
| 12 | Adaptability in Swimming Pattern: How Propulsive Action Is Modified as a Function of Speed and Skill. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 618990. | 1.8 | 4 |
| 13 | Spatial-temporal variables for swimming coaches: A comparison study between video and TritonWear sensor. <i>International Journal of Sports Science and Coaching</i> , 2021, 16, 1271-1280. | 1.4 | 6 |
| 14 | Arm – Leg coordination profiling during the dolphin kick and the arm pull-out in elite breaststrokers. <i>Journal of Sports Sciences</i> , 2021, 39, 2665-2673. | 2.0 | 4 |
| 15 | Validity, reliability and accuracy of inertial measurement units (IMUs) to measure angles: application in swimming. <i>Sports Biomechanics</i> , 2021, , 1-33. | 1.6 | 9 |
| 16 | The influence of skill and task complexity on perception of nested affordances. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 3240-3249. | 1.3 | 4 |
| 17 | Coordination and stroking parameters in the four swimming techniques: a narrative review. <i>Sports Biomechanics</i> , 2021, , 1-17. | 1.6 | 6 |
| 18 | Metastable attunement and real-life skilled behavior. <i>Synthese</i> , 2021, 199, 12819-12842. | 1.1 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Editorial: Search of Individually Optimal Movement Solutions in Sport: Learning Between Stability and Flexibility. <i>Frontiers in Psychology</i> , 2021, 12, 728375. | 2.1 | 1 |
| 20 | The Role of Nonlinear Pedagogy in Supporting the Design of Modified Games in Junior Sports. <i>Frontiers in Psychology</i> , 2021, 12, 744814. | 2.1 | 9 |
| 21 | Coordination Dynamics of Upper Limbs in Swimming: Effects of Speed and Fluid Flow Manipulation. <i>Research Quarterly for Exercise and Sport</i> , 2020, 91, 433-444. | 1.4 | 7 |
| 22 | Editorial: Radical Embodied Cognitive Science of Human Behavior: Skill Acquisition, Expertise and Talent Development. <i>Frontiers in Psychology</i> , 2020, 11, 1376. | 2.1 | 2 |
| 23 | Action capability constrains visuo-motor complexity during planning and performance in on-sight climbing. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2485-2497. | 2.9 | 11 |
| 24 | Influence of stroke rate on coordination and sprint performance in elite male and female swimmers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2078-2091. | 2.9 | 11 |
| 25 | Coordination changes in front-crawl swimming. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200071. | 2.1 | 4 |
| 26 | Considerations for the study of individual differences in gaze control during expert visual anticipation: an exploratory study. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2020, , 39-47. | 0.3 | 4 |
| 27 | Education and transfer of water competencies: An ecological dynamics approach. <i>European Physical Education Review</i> , 2020, 26, 938-953. | 2.0 | 14 |
| 28 | Dynamics of Experience in a Learning Protocol: A Case Study in Climbing. <i>Frontiers in Psychology</i> , 2020, 11, 249. | 2.1 | 15 |
| 29 | Activity analysis in sports situations by articulating heterogeneous data: reflections and perspectives for design engineering. <i>Activités</i> , 2020, 17, . | 0.4 | 5 |
| 30 | A Nonlinear Pedagogy Approach to Promoting Skill Acquisition in Young Swimmers. , 2020, , 200-212. | | 1 |
| 31 | Learning from Partially Labeled Sequences for Behavioral Signal Annotation. <i>Communications in Computer and Information Science</i> , 2020, , 126-139. | 0.5 | 0 |
| 32 | Activity analysis in sports situations by articulating heterogeneous data: reflections and perspectives for design engineering. <i>Activités</i> , 2020, 17, . | 0.4 | 2 |
| 33 | Enactments and the design of trail running equipment: An example of carrying systems. <i>Applied Ergonomics</i> , 2019, 80, 238-247. | 3.1 | 13 |
| 34 | An enactive approach to appropriation in the instrumented activity of trail running. <i>Cognitive Processing</i> , 2019, 20, 459-477. | 1.4 | 14 |
| 35 | Task Constraints and Coordination Flexibility in Young Swimmers. <i>Motor Control</i> , 2019, 23, 535-552. | 0.6 | 11 |
| 36 | Upper to Lower Limb Coordination Dynamics in Swimming Depending on Swimming Speed and Aquatic Environment Manipulations. <i>Motor Control</i> , 2019, 23, 418-442. | 0.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Integrated Analysis of Young Swimmers's™ Sprint Performance. <i>Motor Control</i> , 2019, 23, 354-364. | 0.6 | 35 |
| 38 | Between exploitation and exploration of motor behaviours: unpacking the constraints-led approach to foster nonlinear learning in physical education. <i>Physical Education and Sport Pedagogy</i> , 2019, 24, 133-145. | 3.0 | 34 |
| 39 | Ecological cognition: expert decision-making behaviour in sport. <i>International Review of Sport and Exercise Psychology</i> , 2019, 12, 1-25. | 5.7 | 127 |
| 40 | Does water temperature influence the performance of key survival skills?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 928-938. | 2.9 | 11 |
| 41 | Functional Role of Movement and Performance Variability: Adaptation of Front Crawl Swimmers to Competitive Swimming Constraints. <i>Journal of Applied Biomechanics</i> , 2018, 34, 53-64. | 0.8 | 18 |
| 42 | Constraints representing a meta-stable regime facilitate exploration during practice and transfer of learning in a complex multi-articular task. <i>Human Movement Science</i> , 2018, 57, 291-302. | 1.4 | 38 |
| 43 | Skill transfer, expertise and talent development: An ecological dynamics perspective. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2018, , 39-49. | 0.3 | 27 |
| 44 | Enacting Phenomenological Gestalts in Ultra-Trail Running: An Inductive Analysis of Trail Runners's™ Courses of Experience. <i>Frontiers in Psychology</i> , 2018, 9, 2038. | 2.1 | 29 |
| 45 | Modelling stroking parameters in competitive sprint swimming: Understanding inter- and intra-lap variability to assess pacing management. <i>Human Movement Science</i> , 2018, 61, 219-230. | 1.4 | 32 |
| 46 | The influence of hold regularity on perceptual-motor behaviour in indoor climbing. <i>European Journal of Sport Science</i> , 2018, 18, 1090-1099. | 2.7 | 9 |
| 47 | Affordance Realization in Climbing: Learning and Transfer. <i>Frontiers in Psychology</i> , 2018, 9, 820. | 2.1 | 25 |
| 48 | Behavioral Repertoire Influences the Rate and Nature of Learning in Climbing: Implications for Individualized Learning Design in Preparation for Extreme Sports Participation. <i>Frontiers in Psychology</i> , 2018, 9, 949. | 2.1 | 19 |
| 49 | Predicting volleyball serve-reception at group level. <i>Journal of Sports Sciences</i> , 2018, 36, 2621-2630. | 2.0 | 11 |
| 50 | Understanding Trail Runners's™ Activity on Online Community Forums: An Inductive Analysis of Discussion Topics. <i>Journal of Human Kinetics</i> , 2018, 61, 263-276. | 1.5 | 4 |
| 51 | Individual's Environment Interactions in Swimming: The Smallest Unit for Analysing the Emergence of Coordination Dynamics in Performance?. <i>Sports Medicine</i> , 2017, 47, 1543-1554. | 6.5 | 10 |
| 52 | Ecological Dynamics: A Theoretical Framework for Understanding Sport Performance, Physical Education and Physical Activity. <i>Springer Proceedings in Complexity</i> , 2017, , 29-40. | 0.3 | 18 |
| 53 | Understanding constraints on sport performance from the complexity sciences paradigm: An ecological dynamics framework. <i>Human Movement Science</i> , 2017, 56, 178-180. | 1.4 | 47 |
| 54 | Perception and action in swimming: Effects of aquatic environment on upper limb inter-segmental coordination. <i>Human Movement Science</i> , 2017, 55, 240-254. | 1.4 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | The resonant system: Linking brainâ€“bodyâ€“environment in sport performance âˆ†. Progress in Brain Research, 2017, 234, 33-52. | 1.4 | 9 |
| 56 | What does the questioning of expert coaches reveal about the biomechanical knowledge of forward ice hockey skating?. International Journal of Sports Science and Coaching, 2017, 12, 461-469. | 1.4 | 0 |
| 57 | Comparing dynamics of fluency and inter-limb coordination in climbing activities using multi-scale Jensenâ€“Shannon embedding and clustering. Data Mining and Knowledge Discovery, 2017, 31, 1758-1792. | 3.7 | 5 |
| 58 | Structure and dynamics of European sports science textual contents: Analysis of ECSS abstracts (1996â€“2014). European Journal of Sport Science, 2017, 17, 19-29. | 2.7 | 16 |
| 59 | Interpersonal Coordination and Individual Organization Combined with Shared Phenomenological Experience in Rowing Performance: Two Case Studies. Frontiers in Psychology, 2017, 8, 75. | 2.1 | 30 |
| 60 | Behavioral Dynamics in Swimming: The Appropriate Use of Inertial Measurement Units. Frontiers in Psychology, 2017, 8, 383. | 2.1 | 25 |
| 61 | Analysis of Relations between Spatiotemporal Movement Regulation and Performance of Discrete Actions Reveals Functionality in Skilled Climbing. Frontiers in Psychology, 2017, 8, 1744. | 2.1 | 21 |
| 62 | An Ecological Dynamics Framework for the Acquisition of Perceptualâ€“Motor Skills in Climbing. , 2017, , 365-382. | | 10 |
| 63 | Comparison of vitality states of finishers and withdrawers in trail running: An enactive and phenomenological perspective. PLoS ONE, 2017, 12, e0173667. | 2.5 | 34 |
| 64 | Role of route previewing strategies on climbing fluency and exploratory movements. PLoS ONE, 2017, 12, e0176306. | 2.5 | 44 |
| 65 | Skill transfer specificity shapes perception and action under varying environmental constraints. Human Movement Science, 2016, 48, 132-141. | 1.4 | 28 |
| 66 | Neurobiological degeneracy: A key property for functional adaptations of perception and action to constraints. Neuroscience and Biobehavioral Reviews, 2016, 69, 159-165. | 6.1 | 90 |
| 67 | Collection of Visual Data in Climbing Experiments for Addressing the Role of Multi-modal Exploration in Motor Learning Efficiency. Lecture Notes in Computer Science, 2016, , 674-684. | 1.3 | 3 |
| 68 | Automatic Sensor-Based Detection and Classification of Climbing Activities. IEEE Sensors Journal, 2016, 16, 742-749. | 4.7 | 21 |
| 69 | Behavioural variability and motor performance: Effect of practice specialization in front crawl swimming. Human Movement Science, 2016, 47, 141-150. | 1.4 | 9 |
| 70 | Coordination in Climbing: Effect of Skill, Practice and Constraints Manipulation. Sports Medicine, 2016, 46, 255-268. | 6.5 | 46 |
| 71 | Cluster Stability as a New Method to Assess Changes in Performance and its Determinant Factors Over a Season in Young Swimmers. International Journal of Sports Physiology and Performance, 2015, 10, 261-268. | 2.3 | 23 |
| 72 | What Variability tells us about motor expertise: measurements and perspectives from a complex system approach. Movement and Sports Sciences - Science Et Motricite, 2015, , 65-77. | 0.3 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | The Influence Of Stroke Frequency In Front Crawl Coordination In Young Swimmers. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 955. | 0.4 | 0 |
| 74 | Comparative grading scales, statistical analyses, climber descriptors and ability grouping: International Rock Climbing Research Association position statement. <i>Sports Technology</i> , 2015, 8, 88-94. | 0.4 | 142 |
| 75 | Environmental Design Shapes Perceptual-motor Exploration, Learning, and Transfer in Climbing. <i>Frontiers in Psychology</i> , 2015, 6, 1819. | 2.1 | 43 |
| 76 | Neurobiological degeneracy: Supporting stability, flexibility and pluripotentiality in complex motor skill. <i>Acta Psychologica</i> , 2015, 154, 26-35. | 1.5 | 25 |
| 77 | Relationships between coordination, active drag and propelling efficiency in crawl. <i>Human Movement Science</i> , 2015, 39, 55-64. | 1.4 | 22 |
| 78 | Expert Performance in Sport. , 2015, , 130-144. | | 54 |
| 79 | A New Qualitative Typology to Classify Treading Water Movement Patterns. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 530-5. | 1.6 | 11 |
| 80 | Coordination Pattern Adaptability: Energy Cost of Degenerate Behaviors. <i>PLoS ONE</i> , 2014, 9, e107839. | 2.5 | 18 |
| 81 | Hold design supports learning and transfer of climbing fluency. <i>Sports Technology</i> , 2014, 7, 159-165. | 0.4 | 4 |
| 82 | Effect of Analogy Instructions with an Internal Focus on Learning a Complex Motor Skill. <i>Journal of Applied Sport Psychology</i> , 2014, 26, 17-32. | 2.3 | 33 |
| 83 | Analysing expertise through data mining: an example based on treading water. <i>Journal of Sports Sciences</i> , 2014, 32, 1186-1195. | 2.0 | 12 |
| 84 | A dynamical system perspective to understanding badminton singles game play. <i>Human Movement Science</i> , 2014, 33, 70-84. | 1.4 | 18 |
| 85 | Pattern Recognition in Cyclic and Discrete Skills Performance from Inertial Measurement Units. <i>Procedia Engineering</i> , 2014, 72, 196-201. | 1.2 | 13 |
| 86 | Inter-limb coordination and energy cost in swimming. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 439-444. | 1.3 | 22 |
| 87 | Effect of aerobic training on inter-arm coordination in highly trained swimmers. <i>Human Movement Science</i> , 2014, 33, 43-53. | 1.4 | 6 |
| 88 | Coordination Pattern Variability Provides Functional Adaptations to Constraints in Swimming Performance. <i>Sports Medicine</i> , 2014, 44, 1333-1345. | 6.5 | 61 |
| 89 | Climbing Skill and Complexity of Climbing Wall Design: Assessment of Jerk as a Novel Indicator of Performance Fluency. <i>Journal of Applied Biomechanics</i> , 2014, 30, 619-625. | 0.8 | 50 |
| 90 | Do Qualitative Changes in Interlimb Coordination Lead to Effectiveness of Aquatic Locomotion Rather Than Efficiency?. <i>Journal of Applied Biomechanics</i> , 2014, 30, 189-196. | 0.8 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Full-body movement pattern recognition in climbing[*]. Sports Technology, 2014, 7, 166-173. | 0.4 | 10 |
| 92 | Movement phase detection in climbing[*]. Sports Technology, 2014, 7, 174-182. | 0.4 | 4 |
| 93 | Neurobiological Degeneracy and Affordance Perception Support Functional Intra-Individual Variability of Inter-Limb Coordination during Ice Climbing. PLoS ONE, 2014, 9, e89865. | 2.5 | 74 |
| 94 | Biomechanical analysis of the swim-start: a review. Journal of Sports Science and Medicine, 2014, 13, 223-31. | 1.6 | 45 |
| 95 | Skill transfer, affordances and dexterity in different climbing environments. Human Movement Science, 2013, 32, 1339-1352. | 1.4 | 46 |
| 96 | A Hidden Markov Model of the breaststroke swimming temporal phases using wearable inertial measurement units. , 2013, , . | | 31 |
| 97 | Data modelling reveals inter-individual variability of front crawl swimming. Journal of Science and Medicine in Sport, 2013, 16, 281-285. | 1.3 | 31 |
| 98 | Key Properties of Expert Movement Systems in Sport. Sports Medicine, 2013, 43, 167-178. | 6.5 | 217 |
| 99 | Biomechanical analysis of the strike motion in ice-climbing activity. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 90-92. | 1.6 | 5 |
| 100 | Automatic front-crawl temporal phase detection using adaptive filtering of inertial signals. Journal of Sports Sciences, 2013, 31, 1251-1260. | 2.0 | 54 |
| 101 | Temporal dynamics of inter-limb coordination in ice climbing revealed through change-point analysis of the geodesic mean of circular data. Journal of Applied Statistics, 2013, 40, 2317-2331. | 1.3 | 9 |
| 102 | The Role of Textured Material in Supporting Perceptual-Motor Functions. PLoS ONE, 2013, 8, e60349. | 2.5 | 24 |
| 103 | L'intégration de données biomécaniques et d'expérience pour comprendre l'activité de nageurs d'élite et concevoir un dispositif d'évaluation. Travail Humain, 2013, Vol. 76, 257-282. | 0.5 | 21 |
| 104 | Backstroke technical characterization of 11-13 year-old swimmers. Journal of Sports Science and Medicine, 2013, 12, 623-9. | 1.6 | 7 |
| 105 | Introduction to the special issue on swim & aquatic activities. Journal of Sports Science and Medicine, 2013, 12, xii. | 1.6 | 0 |
| 106 | To Glide or not to Glide.... Response to Havriluk's Comment on "Arm Coordination and Performance Level in the 400-m Front Crawl". Research Quarterly for Exercise and Sport, 2012, 83, 363-366. | 1.4 | 1 |
| 107 | Kinematics of the Hip and Body Center of Mass in Front Crawl. Journal of Human Kinetics, 2012, 33, 15-23. | 1.5 | 25 |
| 108 | Front Crawl Technical Characterization of 11- to 13-Year-Old Swimmers. Pediatric Exercise Science, 2012, 24, 409-419. | 1.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Individual profiles of spatio-temporal coordination in high intensity swimming. Human Movement Science, 2012, 31, 1200-1212. | 1.4 | 25 |
| 110 | Effect of increasing energy cost on arm coordination in elite sprint swimmers. Human Movement Science, 2012, 31, 620-629. | 1.4 | 27 |
| 111 | Intentions, Perceptions and Actions Constrain Functional Intra- and Inter-Individual Variability in the Acquisition of Expertise in Individual Sports. The Open Sports Sciences Journal, 2012, 5, 68-75. | 0.4 | 22 |
| 112 | Arm Coordination and Performance Level in the 400-m Front Crawl. Research Quarterly for Exercise and Sport, 2011, 82, 1-8. | 1.4 | 29 |
| 113 | Use of Inertial Central to Analyse Skill of Inter-Limb Coordination in Sport Activities. BIO Web of Conferences, 2011, 1, 00082. | 0.2 | 2 |
| 114 | Effect of Velocity and Added Resistance on Selected Coordination and Force Parameters in Front Crawl. Journal of Strength and Conditioning Research, 2011, 25, 2681-2690. | 2.1 | 27 |
| 115 | Inter-individual variability in the upper-lower limb breaststroke coordination. Human Movement Science, 2011, 30, 550-565. | 1.4 | 57 |
| 116 | Coordination profiles of the expert field hockey drive according to field roles. Sports Biomechanics, 2011, 10, 339-350. | 1.6 | 7 |
| 117 | Concevoir du matériel sportif À partir d'une approche centrée sur l'activité: une alternative en ergonomie du sport. Staps, 2011, n°94, 71-83. | 0.2 | 7 |
| 118 | Different Profiles of the Aerial Start Phase in Front Crawl. Journal of Strength and Conditioning Research, 2010, 24, 507-516. | 2.1 | 38 |
| 119 | Evaluation of the Measuring Active Drag system usability: An important step for its integration into training sessions. International Journal of Performance Analysis in Sport, 2010, 10, 170-186. | 1.1 | 13 |
| 120 | Does Floatation Influence Breaststroke Technique?. Journal of Applied Biomechanics, 2010, 26, 150-158. | 0.8 | 11 |
| 121 | Inter-limb coordination in swimming: Effect of speed and skill level. Human Movement Science, 2010, 29, 103-113. | 1.4 | 74 |
| 122 | Arm coordination, power, and swim efficiency in national and regional front crawl swimmers. Human Movement Science, 2010, 29, 426-439. | 1.4 | 63 |
| 123 | Comparison of Grab Start between Elite and Trained Swimmers. International Journal of Sports Medicine, 2010, 31, 887-893. | 1.7 | 35 |
| 124 | Does Breathing Disturb Coordination in Butterfly?. International Journal of Sports Medicine, 2010, 31, 167-173. | 1.7 | 6 |
| 125 | Swim Specialty Affects Energy Cost and Motor Organization. International Journal of Sports Medicine, 2010, 31, 624-630. | 1.7 | 34 |
| 126 | Hip Velocity and Arm Coordination in Front Crawl Swimming. International Journal of Sports Medicine, 2010, 31, 875-881. | 1.7 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Kinematical Profiling of the Front Crawl Start. <i>International Journal of Sports Medicine</i> , 2010, 31, 16-21. | 1.7 | 51 |
| 128 | Effect of Force Symmetry on Coordination in Crawl. <i>International Journal of Sports Medicine</i> , 2009, 30, 182-187. | 1.7 | 30 |
| 129 | Arm-leg coordination in recreational and competitive breaststroke swimmers. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 352-356. | 1.3 | 26 |
| 130 | Modelling spatial-temporal and coordinative parameters in swimming. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 495-499. | 1.3 | 29 |
| 131 | Analysis of elite swimmers' activity during an instrumented protocol. <i>Journal of Sports Sciences</i> , 2009, 27, 1043-1050. | 2.0 | 9 |
| 132 | Apnea Training Effects on Swimming Coordination. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1909-1914. | 2.1 | 25 |
| 133 | Variability of coordination parameters at 400-m front crawl swimming pace. <i>Journal of Sports Science and Medicine</i> , 2009, 8, 203-10. | 1.6 | 7 |
| 134 | Differences in spatial-temporal parameters and arm-leg coordination in butterfly stroke as a function of race pace, skill and gender. <i>Human Movement Science</i> , 2008, 27, 96-111. | 1.4 | 33 |
| 135 | Arm coordination in elite backstroke swimmers. <i>Journal of Sports Sciences</i> , 2008, 26, 675-682. | 2.0 | 25 |
| 136 | Arm Coordination Adaptations Assessment in Swimming. <i>International Journal of Sports Medicine</i> , 2008, 29, 480-486. | 1.7 | 49 |
| 137 | Upper-Limb Kinematics and Coordination of Short Grip and Classic Drives in Field Hockey. <i>Journal of Applied Biomechanics</i> , 2008, 24, 215-223. | 0.8 | 15 |
| 138 | Effect of Breathing Pattern on Arm Coordination Symmetry in Front Crawl. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 1670-1676. | 2.1 | 35 |
| 139 | Spatial Consistency of Circle on the Pedagogic Pommel Horse: Influence of Expertise. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 608-613. | 2.1 | 6 |
| 140 | Upper-limb kinematics and coordination of short grip and classic drives in field hockey. <i>Journal of Applied Biomechanics</i> , 2008, 24, 215-23. | 0.8 | 1 |
| 141 | Biomechanical Analysis of the Breaststroke Start. <i>International Journal of Sports Medicine</i> , 2007, 28, 970-976. | 1.7 | 26 |
| 142 | Intra-cyclic Distance per Stroke Phase, Velocity Fluctuations and Acceleration Time Ratio of a Breaststroker's Hip: A Comparison between Elite and Nonelite Swimmers at Different Race Paces. <i>International Journal of Sports Medicine</i> , 2007, 28, 140-147. | 1.7 | 40 |
| 143 | Comparison of Spatio-Temporal, Metabolic, and Psychometric Responses in Recreational and Highly Trained Swimmers during and after a 400-m Freestyle Swim. <i>International Journal of Sports Medicine</i> , 2007, 28, 164-171. | 1.7 | 13 |
| 144 | Kinematic Changes during a 100-m Front Crawl. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1784-1793. | 0.4 | 79 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Effect of expertise on butterfly stroke coordination. <i>Journal of Sports Sciences</i> , 2007, 25, 131-141. | 2.0 | 28 |
| 146 | Swimming constraints and arm coordination. <i>Human Movement Science</i> , 2007, 26, 68-86. | 1.4 | 85 |
| 147 | Arm to Leg Coordination in Elite Butterfly Swimmers. <i>International Journal of Sports Medicine</i> , 2006, 27, 322-329. | 1.7 | 26 |
| 148 | Arm coordination symmetry and breathing effect in front crawl. <i>Human Movement Science</i> , 2005, 24, 234-256. | 1.4 | 68 |
| 149 | Arm-Leg Coordination in Flat Breaststroke: A Comparative Study Between Elite and Non-Elite Swimmers. <i>International Journal of Sports Medicine</i> , 2005, 26, 787-797. | 1.7 | 36 |
| 150 | The Spatial-Temporal and Coordinative Structures in Elite Male 100-m Front Crawl Swimmers. <i>International Journal of Sports Medicine</i> , 2005, 26, 286-293. | 1.7 | 45 |
| 151 | A new index of flat breaststroke propulsion: A comparison of elite men and women. <i>Journal of Sports Sciences</i> , 2005, 23, 309-320. | 2.0 | 44 |
| 152 | Evaluation of Arm-Leg Coordination in Flat Breaststroke. <i>International Journal of Sports Medicine</i> , 2004, 25, 486-495. | 1.7 | 45 |
| 153 | Effect of Gender on the Adaptation of Arm Coordination in Front Crawl. <i>International Journal of Sports Medicine</i> , 2004, 25, 217-223. | 1.7 | 53 |
| 154 | Effect of swimming velocity on arm coordination in the front crawl: a dynamic analysis. <i>Journal of Sports Sciences</i> , 2004, 22, 651-660. | 2.0 | 110 |