

# Ludovic Seifert

## List of Publications by Year in descending order

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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	Key Properties of Expert Movement Systems in Sport. <i>Sports Medicine</i> , 2013, 43, 167-178.	6.5	217
2	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
3	Ecological cognition: expert decision-making behaviour in sport. <i>International Review of Sport and Exercise Psychology</i> , 2019, 12, 1-25.	5.7	127
4	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
5	Neurobiological degeneracy: A key property for functional adaptations of perception and action to constraints. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 159-165.	6.1	90
6	Swimming constraints and arm coordination. <i>Human Movement Science</i> , 2007, 26, 68-86.	1.4	85
7	Kinematic Changes during a 100-m Front Crawl. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1784-1793.	0.4	79
8	Inter-limb coordination in swimming: Effect of speed and skill level. <i>Human Movement Science</i> , 2010, 29, 103-113.	1.4	74
9	Neurobiological Degeneracy and Affordance Perception Support Functional Intra-Individual Variability of Inter-Limb Coordination during Ice Climbing. <i>PLoS ONE</i> , 2014, 9, e89865.	2.5	74
10	Arm coordination symmetry and breathing effect in front crawl. <i>Human Movement Science</i> , 2005, 24, 234-256.	1.4	68
11	Arm coordination, power, and swim efficiency in national and regional front crawl swimmers. <i>Human Movement Science</i> , 2010, 29, 426-439.	1.4	63
12	Coordination Pattern Variability Provides Functional Adaptations to Constraints in Swimming Performance. <i>Sports Medicine</i> , 2014, 44, 1333-1345.	6.5	61
13	Inter-individual variability in the upper and lower limb breaststroke coordination. <i>Human Movement Science</i> , 2011, 30, 550-565.	1.4	57
14	Automatic front-crawl temporal phase detection using adaptive filtering of inertial signals. <i>Journal of Sports Sciences</i> , 2013, 31, 1251-1260.	2.0	54
15	Expert Performance in Sport. , 2015, , 130-144.		54
16	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
17	Kinematical Profiling of the Front Crawl Start. <i>International Journal of Sports Medicine</i> , 2010, 31, 16-21.	1.7	51
18	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

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19	Arm Coordination Adaptations Assessment in Swimming. <i>International Journal of Sports Medicine</i> , 2008, 29, 480-486.	1.7	49
20	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
21	Skill transfer, affordances and dexterity in different climbing environments. <i>Human Movement Science</i> , 2013, 32, 1339-1352.	1.4	46
22	Coordination in Climbing: Effect of Skill, Practice and Constraints Manipulation. <i>Sports Medicine</i> , 2016, 46, 255-268.	6.5	46
23	Evaluation of Arm-Leg Coordination in Flat Breaststroke. <i>International Journal of Sports Medicine</i> , 2004, 25, 486-495.	1.7	45
24	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
25	Biomechanical analysis of the swim-start: a review. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 223-31.	1.6	45
26	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
27	Role of route previewing strategies on climbing fluency and exploratory movements. <i>PLoS ONE</i> , 2017, 12, e0176306.	2.5	44
28	Hip Velocity and Arm Coordination in Front Crawl Swimming. <i>International Journal of Sports Medicine</i> , 2010, 31, 875-881.	1.7	43
29	Environmental Design Shapes Perceptual-motor Exploration, Learning, and Transfer in Climbing. <i>Frontiers in Psychology</i> , 2015, 6, 1819.	2.1	43
30	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
31	Different Profiles of the Aerial Start Phase in Front Crawl. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 507-516.	2.1	38
32	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
33	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
34	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
35	Comparison of Grab Start between Elite and Trained Swimmers. <i>International Journal of Sports Medicine</i> , 2010, 31, 887-893.	1.7	35
36	Integrated Analysis of Young Swimmers's™ Sprint Performance. <i>Motor Control</i> , 2019, 23, 354-364.	0.6	35

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37	Exploring to learn and learning to explore. <i>Psychological Research</i> , 2021, 85, 1367-1379.	1.7	35
38	Swim Specialty Affects Energy Cost and Motor Organization. <i>International Journal of Sports Medicine</i> , 2010, 31, 624-630.	1.7	34
39	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
40	Comparison of vitality states of finishers and withdrawers in trail running: An enactive and phenomenological perspective. <i>PLoS ONE</i> , 2017, 12, e0173667.	2.5	34
41	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
42	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
43	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
44	A Hidden Markov Model of the breaststroke swimming temporal phases using wearable inertial measurement units. , 2013, , .		31
45	Data modelling reveals inter-individual variability of front crawl swimming. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 281-285.	1.3	31
46	Effect of Force Symmetry on Coordination in Crawl. <i>International Journal of Sports Medicine</i> , 2009, 30, 182-187.	1.7	30
47	Interpersonal Coordination and Individual Organization Combined with Shared Phenomenological Experience in Rowing Performance: Two Case Studies. <i>Frontiers in Psychology</i> , 2017, 8, 75.	2.1	30
48	Modelling spatial-temporal and coordinative parameters in swimming. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 495-499.	1.3	29
49	Arm Coordination and Performance Level in the 400-m Front Crawl. <i>Research Quarterly for Exercise and Sport</i> , 2011, 82, 1-8.	1.4	29
50	Enacting Phenomenological Gestalts in Ultra-Trail Running: An Inductive Analysis of Trail Runners' Courses of Experience. <i>Frontiers in Psychology</i> , 2018, 9, 2038.	2.1	29
51	Effect of expertise on butterfly stroke coordination. <i>Journal of Sports Sciences</i> , 2007, 25, 131-141.	2.0	28
52	Skill transfer specificity shapes perception and action under varying environmental constraints. <i>Human Movement Science</i> , 2016, 48, 132-141.	1.4	28
53	Effect of Velocity and Added Resistance on Selected Coordination and Force Parameters in Front Crawl. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2681-2690.	2.1	27
54	Effect of increasing energy cost on arm coordination in elite sprint swimmers. <i>Human Movement Science</i> , 2012, 31, 620-629.	1.4	27

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55	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
56	Arm to Leg Coordination in Elite Butterfly Swimmers. <i>International Journal of Sports Medicine</i> , 2006, 27, 322-329.	1.7	26
57	Biomechanical Analysis of the Breaststroke Start. <i>International Journal of Sports Medicine</i> , 2007, 28, 970-976.	1.7	26
58	Armâ€™leg coordination in recreational and competitive breaststroke swimmers. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 352-356.	1.3	26
59	Arm coordination in elite backstroke swimmers. <i>Journal of Sports Sciences</i> , 2008, 26, 675-682.	2.0	25
60	Apnea Training Effects on Swimming Coordination. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1909-1914.	2.1	25
61	Kinematics of the Hip and Body Center of Mass in Front Crawl. <i>Journal of Human Kinetics</i> , 2012, 33, 15-23.	1.5	25
62	Individual profiles of spatio-temporal coordination in high intensity swimming. <i>Human Movement Science</i> , 2012, 31, 1200-1212.	1.4	25
63	Neurobiological degeneracy: Supporting stability, flexibility and pluripotentiality in complex motor skill. <i>Acta Psychologica</i> , 2015, 154, 26-35.	1.5	25
64	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
65	Behavioral Dynamics in Swimming: The Appropriate Use of Inertial Measurement Units. <i>Frontiers in Psychology</i> , 2017, 8, 383.	2.1	25
66	Affordance Realization in Climbing: Learning and Transfer. <i>Frontiers in Psychology</i> , 2018, 9, 820.	2.1	25
67	An ecological dynamics conceptualisation of physical â€™educationâ€™™: Where we have been and where we could go next. <i>Physical Education and Sport Pedagogy</i> , 2021, 26, 293-306.	3.0	25
68	The Role of Textured Material in Supporting Perceptual-Motor Functions. <i>PLoS ONE</i> , 2013, 8, e60349.	2.5	24
69	Cluster Stability as a New Method to Assess Changes in Performance and its Determinant Factors Over a Season in Young Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 261-268.	2.3	23
70	What Variability tells us about motor expertise: measurements and perspectives from a complex system approach. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2015, , 65-77.	0.3	23
71	Metastable attunement and real-life skilled behavior. <i>SynthÃˆse</i> , 2021, 199, 12819-12842.	1.1	23
72	Inter-limb coordination and energy cost in swimming. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 439-444.	1.3	22

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73	Relationships between coordination, active drag and propelling efficiency in crawl. <i>Human Movement Science</i> , 2015, 39, 55-64.	1.4	22
74	Intentions, Perceptions and Actions Constrain Functional Intra- and Inter-Individual Variability in the Acquisition of Expertise in Individual Sports. <i>The Open Sports Sciences Journal</i> , 2012, 5, 68-75.	0.4	22
75	L'intégration de données biomécaniques et d'expérience pour comprendre l'activité de nageurs élités et concevoir un dispositif d'évaluation. <i>Travail Humain</i> , 2013, Vol. 76, 257-282.	0.5	21
76	Automatic Sensor-Based Detection and Classification of Climbing Activities. <i>IEEE Sensors Journal</i> , 2016, 16, 742-749.	4.7	21
77	Analysis of Relations between Spatiotemporal Movement Regulation and Performance of Discrete Actions Reveals Functionality in Skilled Climbing. <i>Frontiers in Psychology</i> , 2017, 8, 1744.	2.1	21
78	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
79	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
80	Coordination Pattern Adaptability: Energy Cost of Degenerate Behaviors. <i>PLoS ONE</i> , 2014, 9, e107839.	2.5	18
81	A dynamical system perspective to understanding badminton singles game play. <i>Human Movement Science</i> , 2014, 33, 70-84.	1.4	18
82	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
83	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
84	Front Crawl Technical Characterization of 11- to 13-Year-Old Swimmers. <i>Pediatric Exercise Science</i> , 2012, 24, 409-419.	1.0	16
85	Structure and dynamics of European sports science textual contents: Analysis of ECSS abstracts (1996-2014). <i>European Journal of Sport Science</i> , 2017, 17, 19-29.	2.7	16
86	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
87	Dynamics of Experience in a Learning Protocol: A Case Study in Climbing. <i>Frontiers in Psychology</i> , 2020, 11, 249.	2.1	15
88	An enactive approach to appropriation in the instrumented activity of trail running. <i>Cognitive Processing</i> , 2019, 20, 459-477.	1.4	14
89	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
90	Education and transfer of water competencies: An ecological dynamics approach. <i>European Physical Education Review</i> , 2020, 26, 938-953.	2.0	14

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91	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
92	Evaluation of the Measuring Active Drag system usability: An important step for its integration into training sessions. <i>International Journal of Performance Analysis in Sport</i> , 2010, 10, 170-186.	1.1	13
93	Pattern Recognition in Cyclic and Discrete Skills Performance from Inertial Measurement Units. <i>Procedia Engineering</i> , 2014, 72, 196-201.	1.2	13
94	Enactments and the design of trail running equipment: An example of carrying systems. <i>Applied Ergonomics</i> , 2019, 80, 238-247.	3.1	13
95	Analysing expertise through data mining: an example based on treading water. <i>Journal of Sports Sciences</i> , 2014, 32, 1186-1195.	2.0	12
96	Does Floatation Influence Breaststroke Technique?. <i>Journal of Applied Biomechanics</i> , 2010, 26, 150-158.	0.8	11
97	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
98	Predicting volleyball serve-reception at group level. <i>Journal of Sports Sciences</i> , 2018, 36, 2621-2630.	2.0	11
99	Task Constraints and Coordination Flexibility in Young Swimmers. <i>Motor Control</i> , 2019, 23, 535-552.	0.6	11
100	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
101	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
102	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
103	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
104	Full-body movement pattern recognition in climbing. <i>Sports Technology</i> , 2014, 7, 166-173.	0.4	10
105	Individual-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
106	An Ecological Dynamics Framework for the Acquisition of Perceptual-Motor Skills in Climbing. , 2017, , 365-382.		10
107	Analysis of elite swimmers' activity during an instrumented protocol. <i>Journal of Sports Sciences</i> , 2009, 27, 1043-1050.	2.0	9
108	Temporal dynamics of inter-limb coordination in ice climbing revealed through change-point analysis of the geodesic mean of circular data. <i>Journal of Applied Statistics</i> , 2013, 40, 2317-2331.	1.3	9

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109	Behavioural variability and motor performance: Effect of practice specialization in front crawl swimming. <i>Human Movement Science</i> , 2016, 47, 141-150.	1.4	9
110	The resonant system: Linking brainâ€“bodyâ€“environment in sport performance â†. <i>Progress in Brain Research</i> , 2017, 234, 33-52.	1.4	9
111	The influence of hold regularity on perceptualâ€“motor behaviour in indoor climbing. <i>European Journal of Sport Science</i> , 2018, 18, 1090-1099.	2.7	9
112	The perception of nested affordances: An examination of expert climbers. <i>Psychology of Sport and Exercise</i> , 2021, 52, 101843.	2.1	9
113	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
114	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
115	Coordination profiles of the expert field hockey drive according to field roles. <i>Sports Biomechanics</i> , 2011, 10, 339-350.	1.6	7
116	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
117	Assessment of fluency dynamics in climbing. <i>Sports Biomechanics</i> , 2024, 23, 133-144.	1.6	7
118	Concevoir du matÃ©riel sportif Ã partir d'une approche centrÃ©e sur l'activitÃ©: une alternative en ergonomie du sport. <i>Staps</i> , 2011, nÂ°94, 71-83.	0.2	7
119	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
120	Backstroke technical characterization of 11-13 year-old swimmers. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 623-9.	1.6	7
121	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
122	Does Breathing Disturb Coordination in Butterfly?. <i>International Journal of Sports Medicine</i> , 2010, 31, 167-173.	1.7	6
123	Effect of aerobic training on inter-arm coordination in highly trained swimmers. <i>Human Movement Science</i> , 2014, 33, 43-53.	1.4	6
124	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
125	Coordination and stroking parameters in the four swimming techniques: a narrative review. <i>Sports Biomechanics</i> , 2021, , 1-17.	1.6	6
126	Armâ€“leg coordination during the underwater pull-out sequence in the 50, 100 and 200â€“m breaststroke start. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 95-100.	1.3	6



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127	Biomechanical analysis of the strike motion in ice-climbing activity. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 90-92.	1.6	5
128	Comparing dynamics of fluency and inter-limb coordination in climbing activities using multi-scale Jensen-Shannon embedding and clustering. <i>Data Mining and Knowledge Discovery</i> , 2017, 31, 1758-1792.	3.7	5
129	Activity analysis in sports situations by articulating heterogeneous data: reflections and perspectives for design engineering. <i>Activités</i> , 2020, 17, .	0.4	5
130	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
131	Visual control during climbing: Variability in practice fosters a proactive gaze pattern. <i>PLoS ONE</i> , 2022, 17, e0269794.	2.5	5
132	Hold design supports learning and transfer of climbing fluency. <i>Sports Technology</i> , 2014, 7, 159-165.	0.4	4
133	Movement phase detection in climbing <sup>*</sup> . <i>Sports Technology</i> , 2014, 7, 174-182.	0.4	4
134	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
135	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
136	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
137	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
138	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
139	Understanding Trail Runners'™ Activity on Online Community Forums: An Inductive Analysis of Discussion Topics. <i>Journal of Human Kinetics</i> , 2018, 61, 263-276.	1.5	4
140	Collection of Visual Data in Climbing Experiments for Addressing the Role of Multi-modal Exploration in Motor Learning Efficiency. <i>Lecture Notes in Computer Science</i> , 2016, , 674-684.	1.3	3
141	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
142	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
143	Use of Inertial Central to Analyse Skill of Inter-Limb Coordination in Sport Activities. <i>BIO Web of Conferences</i> , 2011, 1, 00082.	0.2	2
144	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

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145	Activity analysis in sports situations by articulating heterogeneous data: reflections and perspectives for design engineering. <i>Activitas</i> , 2020, 17, .	0.4	2
146	To Glide or not to Glide.... Response to Havriluk's Comment on "Arm Coordination and Performance Level in the 400-m Front Crawl". <i>Research Quarterly for Exercise and Sport</i> , 2012, 83, 363-366.	1.4	1
147	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
148	A Nonlinear Pedagogy Approach to Promoting Skill Acquisition in Young Swimmers. , 2020, , 200-212.		1
149	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
150	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
151	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
152	What does the questioning of expert coaches reveal about the biomechanical knowledge of forward ice hockey skating?. <i>International Journal of Sports Science and Coaching</i> , 2017, 12, 461-469.	1.4	0
153	Learning from Partially Labeled Sequences for Behavioral Signal Annotation. <i>Communications in Computer and Information Science</i> , 2020, , 126-139.	0.5	0
154	Introduction to the special issue on swim & aquatic activities. <i>Journal of Sports Science and Medicine</i> , 2013, 12, xii.	1.6	0