Robert Rein

List of Publications by Year
in descending order

29 papers	1,620 citations	567281 15 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	1386 citing authors

#	Article	IF	Citations
1	Defending in 4-4-2 or 5-3-2 formation? small differences in footballersâ€™ collective tactical behaviours. Journal of Sports Sciences, 2022, 40, 351-363.	2.0	17
2	Extraction of Positional Player Data from Broadcast Soccer Videos. , 2022, , .		10
3	Speed Rope Skipping - Performance and Coordination in a Four-Limb Task. Journal of Motor Behavior, 2022, 54, 599-612.	0.9	4
4	Modeling Playersâ€™ Scanning Activity in Football. Journal of Sport and Exercise Psychology, 2022, 44, 263-271.	1.2	4
5	How does spectator presence affect football? Home advantage remains in European top-class football matches played without spectators during the COVID-19 pandemic. PLoS ONE, 2021, 16, e0248590.	2.5	70
6	The porous high-press? An experimental approach investigating tactical behaviours from two pressing strategies in football. Journal of Sports Sciences, 2021, 39, 2199-2210.	2.0	19
7	Scanning activity in elite youth football players. Journal of Sports Sciences, 2021, 39, 2401-2410.	2.0	15
8	A Systematic Review of Collective Tactical Behaviours in Football Using Positional Data. Sports Medicine, 2020, 50, 343-385.	6.5	130
9	The Effect of Substitutions on Team Tactical Behavior in Professional Soccer. Research Quarterly for Exercise and Sport, 2020, , 1-9.	1.4	12
10	Balance training monitoring and individual response during unstable vs. stable balance Exergaming in elderly adults: Findings from a randomized controlled trial. Experimental Gerontology, 2020, 139, 111037.	2.8	6
11	Better with each throwâ€”aÂstudy on calibration and warm-up decrement of real-time consecutive basketball free throws in elite NBA athletes. German Journal of Exercise and Sport Research, 2020, 50, 273-279.	1.2	8
12	A tactical comparison of the 4-2-3-1 and 3-5-2 formation in soccer: A theory-oriented, experimental approach based on positional data in an 11 vs. 11 game set-up. PLoS ONE, 2019, 14, e0210191.	2.5	56
13	Bearded capuchin monkeys use joint synergies to stabilize the hammer trajectory while cracking nuts in bipedal stance. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181797.	2.6	11
14	Maybe a tad early for a Grand Unified Theory: Commentary on â€œTowards a Grand Unified Theory of sports performanceâ€• Human Movement Science, 2017, 56, 173-175.	1.4	13
15	â€œWhich pass is better?â€•Novel approaches to assess passing effectiveness in elite soccer. Human Movement Science, 2017, 55, 172-181.	1.4	116
16	Big data and tactical analysis in elite soccer: future challenges and opportunities for sports science. SpringerPlus, 2016, 5, 1410.	1.2	294
17	Brain oxygenation patterns during the execution of tool use demonstration, tool use pantomime, and body-part-as-object tool use. International Journal of Psychophysiology, 2015, 96, 1-7.	1.0	6
18	Effects of different instructional constraints on task performance and emergence of coordination in children. European Journal of Sport Science, 2014, 14, 224-232.	2.7	27

#	Article	IF	Citations
19	Age-related changes in prefrontal activity during walking in dual-task situations: A fNIRS study. International Journal of Psychophysiology, 2014, 92, 122-128.	1.0	142
20	Movement Pattern Variability in Stone Knapping: Implications for the Development of Percussive Traditions. PLoS ONE, 2014, 9, e113567.	2.5	27
21	Coordination strategies used in stone knapping. American Journal of Physical Anthropology, 2013, 150, 539-550.	2.1	47
22	Functional mastery of percussive technology in nut-cracking and stone-flaking actions: experimental comparison and implications for the evolution of the human brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 59-74.	4.0	74
23	The role of expertise in tool use: Skill differences in functional action adaptations to task constraints.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 825-839.	0.9	130
24	Cluster Analysis of Movement Patterns in Multiarticular Actions: A Tutorial. Motor Control, 2010, 14, 211-239.	0.6	42
25	Adaptive and phase transition behavior in performance of discrete multi-articular actions by degenerate neurobiological systems. Experimental Brain Research, 2010, 201, 307-322.	1.5	41
26	How do stone knappers predict and control the outcome of flaking? Implications for understanding early stone tool technology. Journal of Human Evolution, 2010, 59, 155-167.	2.6	227
27	Dynamics of Movement Patterning in Learning a Discrete Multiarticular Action. Motor Control, 2008, 12, 219-240.	0.6	60
28	The influence of running performance on scoring the first goal in a soccer match. International Journal of Sports Science and Coaching, 0, , 174795412110353.	1.4	5
29	A meta-analysis on immediate effects of attentional focus on motor tasks performance. International Review of Sport and Exercise Psychology, 0, , 1-36.	5.7	7