

Caterina Pesce

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

2,621
citations

27
h-index

50
g-index

80
ext. papers

3,462
ext. citations

4
avg, IF

5.55
L-index

#	Paper	IF	Citations
71	Shifting the focus from quantitative to qualitative exercise characteristics in exercise and cognition research. <i>Journal of Sport and Exercise Psychology</i> , 2012 , 34, 766-86	1.5	178
70	Effects of physical activity interventions on cognitive and academic performance in children and adolescents: a novel combination of a systematic review and recommendations from an expert panel. <i>British Journal of Sports Medicine</i> , 2019 , 53, 640-647	10.3	176
69	The Effect of Physical Activity Interventions on Children's Cognition and Metacognition: A Systematic Review and Meta-Analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017 , 56, 729-738	7.2	170
68	Physical activity and mental performance in preadolescents: Effects of acute exercise on free-recall memory. <i>Mental Health and Physical Activity</i> , 2009 , 2, 16-22	5	153
67	Exercise and children's cognition: The role of exercise characteristics and a place for metacognition. <i>Journal of Sport and Health Science</i> , 2015 , 4, 47-55	8.2	145
66	Academic Achievement and Physical Activity: A Meta-analysis. <i>Pediatrics</i> , 2017 , 140,	7.4	138
65	Socio-economic determinants of physical activity across the life course: A "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella literature review. <i>PLoS ONE</i> , 2018 , 13, e0190737	3.7	117
64	Prefrontal hyperactivity in older people during motor planning. <i>NeuroImage</i> , 2012 , 62, 1750-60	7.9	106
63	Enhancing cognitive functioning in the elderly: multicomponent vs resistance training. <i>Clinical Interventions in Aging</i> , 2013 , 8, 19-27	4	100
62	Cognitively challenging physical activity benefits executive function in overweight children. <i>Journal of Sports Sciences</i> , 2014 , 32, 201-11	3.6	96
61	More than one road leads to Rome: A narrative review and meta-analysis of physical activity intervention effects on cognition in youth. <i>International Journal of Sport and Exercise Psychology</i> , 2019 , 17, 153-178	2.5	90
60	Deliberate Play and Preparation Jointly Benefit Motor and Cognitive Development: Mediated and Moderated Effects. <i>Frontiers in Psychology</i> , 2016 , 7, 349	3.4	83
59	Behavioral determinants of physical activity across the life course: a "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 58	8.4	69
58	Focusing of visual attention at rest and during physical exercise in soccer players. <i>Journal of Sports Sciences</i> , 2007 , 25, 1259-70	3.6	68
57	Exercise, sports, and performance arts benefit cognition via a common process. <i>Psychological Bulletin</i> , 2019 , 145, 929-951	19.1	62
56	Searching for cognitively optimal challenge point in physical activity for children with typical and atypical motor development. <i>Mental Health and Physical Activity</i> , 2013 , 6, 172-180	5	59
55	Psychological determinants of physical activity across the life course: A "Determinants of Diet and Physical Activity" (DEDIPAC) umbrella systematic literature review. <i>PLoS ONE</i> , 2017 , 12, e0182709	3.7	57

54	Effects of Physical-Cognitive Dual Task Training on Executive Function and Gait Performance in Older Adults: A Randomized Controlled Trial. <i>BioMed Research International</i> , 2016 , 2016, 5812092	3	56
53	Disentangling the relationship between children’s motor ability, executive function and academic achievement. <i>PLoS ONE</i> , 2017 , 12, e0182845	3.7	55
52	Using concept mapping in the development of the EU-PAD framework (EUropean-Physical Activity Determinants across the life course): a DEDIPAC-study. <i>BMC Public Health</i> , 2016 , 16, 1145	4.1	37
51	Variability of practice as an interface between motor and cognitive development. <i>International Journal of Sport and Exercise Psychology</i> , 2019 , 17, 133-152	2.5	35
50	Interlimb coordination, strength, and power in soccer players across the lifespan. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2458-66	3.2	31
49	From cognitive motor preparation to visual processing: The benefits of childhood fitness to brain health. <i>Neuroscience</i> , 2015 , 298, 211-9	3.9	28
48	Physical Literacy - A Journey of Individual Enrichment: An Ecological Dynamics Rationale for Enhancing Performance and Physical Activity in All. <i>Frontiers in Psychology</i> , 2020 , 11, 1904	3.4	28
47	When Children’s Perceived and Actual Motor Competence Mismatch: Sport Participation and Gender Differences. <i>Journal of Motor Learning and Development</i> , 2018 , 6, S440-S460	1.4	27
46	Health and Quality of Life Perception in Older Adults: The Joint Role of Cognitive Efficiency and Functional Mobility. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 11328-44	4.6	27
45	Enhancing Children’s Cognition With Physical Activity Games 2015 ,		27
44	Measures of static postural control moderate the association of strength and power with functional dynamic balance. <i>Aging Clinical and Experimental Research</i> , 2014 , 26, 645-53	4.8	26
43	“Cogito ergo sum” et “ambulo ergo sum” New Perspectives in Developmental Exercise and Cognition Research 2016 , 251-282		24
42	Assessing locomotor skills development in childhood using wearable inertial sensor devices: the running paradigm. <i>Gait and Posture</i> , 2013 , 37, 570-4	2.6	22
41	Physical Activity and Health Perception in Aging: Do Body Mass and Satisfaction Matter? A Three-Path Mediated Link. <i>PLoS ONE</i> , 2016 , 11, e0160805	3.7	21
40	From Delivery to Adoption of Physical Activity Guidelines: Realist Synthesis. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	20
39	Field evaluation of cycled coupled movements of hand and foot in older individuals. <i>Gerontology</i> , 2004 , 50, 399-406	5.5	19
38	Through the Looking Glass: A Systematic Review of Longitudinal Evidence, Providing New Insight for Motor Competence and Health. <i>Sports Medicine</i> , 2021 , 1	10.6	19
37	Benefits of multi-sports physical education in the elementary school context. <i>Health Education Journal</i> , 2013 , 72, 326-336	1.5	17

36	Skill Acquisition Methods Fostering Physical Literacy in Early-Physical Education (SAMPLE-PE): Rationale and Study Protocol for a Cluster Randomized Controlled Trial in 5-6-Year-Old Children From Deprived Areas of North West England. <i>Frontiers in Psychology</i> , 2020 , 11, 1228	3.4	16
35	Executive function moderates the role of muscular fitness in determining functional mobility in older adults. <i>Aging Clinical and Experimental Research</i> , 2013 , 25, 291-8	4.8	15
34	Creating Well-Being: Increased Creativity and proNGF Decrease following Quadrato Motor Training. <i>BioMed Research International</i> , 2015 , 2015, 275062	3	15
33	An Integrated Approach to the Effect of Acute and Chronic Exercise on Cognition: The Linked Role of Individual and Task Constraints211-226		15
32	Feasibility of breaking up sitting time in mainstream and special schools with a cognitively challenging motor task. <i>Journal of Sport and Health Science</i> , 2019 , 8, 137-148	8.2	14
31	Quantitative assessment of developmental levels in overarm throwing using wearable inertial sensing technology. <i>Journal of Sports Sciences</i> , 2016 , 34, 1759-65	3.6	13
30	Youth life skills training: Exploring outcomes and mediating mechanisms of a group-randomized trial in physical education.. <i>Sport, Exercise, and Performance Psychology</i> , 2016 , 5, 232-246	2.3	13
29	Associations of Class-Time Sitting, Stepping and Sit-to-Stand Transitions with Cognitive Functions and Brain Activity in Children. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12
28	Steps to Health in Cognitive Aging: Effects of Physical Activity on Spatial Attention and Executive Control in the Elderly. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 107	3.3	11
27	Fostering Self-Control Development With a Designed Intervention in Physical Education: A Two-Year Class-Randomized Trial. <i>Child Development</i> , 2021 , 92, 937-958	4.9	11
26	How Older Adults Cope with Cognitive Complexity and Environmental Constraints during Dual-Task Walking: The Role of Executive Function Involvement. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
25	Effects of chronic physical activity on cognition across the lifespan: a systematic meta-review of randomized controlled trials and realist synthesis of contextualized mechanisms. <i>International Review of Sport and Exercise Psychology</i> ,1-39	4.8	10
24	Effects of a Judo Training on Functional Fitness, Anthropometric, and Psychological Variables in Old Novice Practitioners. <i>Journal of Aging and Physical Activity</i> , 2019 , 27, 831-842	1.6	9
23	Parents about parenting dual career athletes: A systematic literature review. <i>Psychology of Sport and Exercise</i> , 2021 , 53, 101833	4.2	8
22	From Efficacy to Effectiveness of a Whole Child Initiative of Physical Activity Promotion. <i>Translational Journal of the American College of Sports Medicine</i> , 2016 , 1, 18-29	1.1	6
21	Corporate responsibility for childhood physical activity promotion in the UK. <i>Health Promotion International</i> , 2016 , 31, 755-768	3	5
20	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. <i>PLoS ONE</i> , 2021 , 16, e0253733	3.7	5
19	Energy Balance and Active Lifestyle: Potential Mediators of Health and Quality of Life Perception in Aging. <i>Nutrients</i> , 2019 , 11,	6.7	4

18	Strategies to change body composition in older adults: do type of exercise and dose distribution matter?. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 552-561	1.4	4
17	Behaviours that prompt primary school teachers to adopt and implement physically active learning: a meta synthesis of qualitative evidence. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 151	8.4	3
16	Effects of a 4-month judo program on gait performance in older adults. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020 , 60, 685-692	1.4	3
15	Giving Ideas Some Legs or Legs Some Ideas? Children's Motor Creativity Is Enhanced by Physical Activity Enrichment: Direct and Mediated Paths.. <i>Frontiers in Psychology</i> , 2022 , 13, 806065	3.4	3
14	Exploration: an overarching focus for holistic development. <i>Brazilian Journal of Motor Behavior</i> , 2021 , 15, 301-320	1.2	3
13	The Unique Contribution of Physical Activity to Successful Cognitive Aging 2020 , 832-856		2
12	Autonomic Stress Response and Perceived Effort Jointly Inform on Dual Tasking in Aging. <i>Brain Sciences</i> , 2019 , 9,	3.4	2
11	Staying Active under Restrictions: Changes in Type of Physical Exercise during the Initial COVID-19 Lockdown. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
10	Cognitively enriched physical activity may foster motor competence and executive function as early as preschool age: a pilot trial. <i>Physical Education and Sport Pedagogy</i> , 1-19	3.8	2
9	Effects of classroom-based active breaks on cognition, sitting and on-task behaviour in children with intellectual disability: a pilot study. <i>Journal of Intellectual Disability Research</i> , 2021 , 65, 464-488	3.2	2
8	Fostering Holistic Development with a Designed Multisport Intervention in Physical Education: A Class-Randomized Cross-Over Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
7	The Interlink among Age, Functional Fitness, and Perception of Health and Quality of Life: A Mediation Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6850	4.6	2
6	Understanding the educational needs of parenting athletes involved in sport and education: The parents' view. <i>PLoS ONE</i> , 2021 , 16, e0243354	3.7	1
5	Collective conceptualization of parental support of dual career athletes: The EMPATIA framework. <i>PLoS ONE</i> , 2021 , 16, e0257719	3.7	1
4	Effects of Cognitively Engaging Physical Activity on Preschool Children's Cognitive Outcomes.. <i>Research Quarterly for Exercise and Sport</i> , 2022 , 1-14	1.9	1
3	Rhythmic ability decline in aging individuals: The role of movement task complexity. <i>Biomedical Human Kinetics</i> , 2022 , 14, 41-53	0.8	0
2	The feasibility and acceptability of a classroom-based physical activity program for children attending specialist schools: a mixed-methods pilot study.. <i>BMC Public Health</i> , 2022 , 22, 40	4.1	
1	Chess training for improving executive functions and invasion game tactical behavior of college student athletes: a preliminary investigation. <i>Physical Education and Sport Pedagogy</i> , 1-17	3.8	

