Caterina Pesce

List of Publications by Year
in descending order

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78 papers	4,211 citations	172457 29 h-index	123424 61 g-index
80 all docs	80 docs citations	80 times ranked	4121 citing authors

#	Article	IF	Citations
1	Effects of chronic physical activity on cognition across the lifespan: a systematic meta-review of randomized controlled trials and realist synthesis of contextualized mechanisms. International Review of Sport and Exercise Psychology, 2023, 16, 722-760.	5.7	37
2	Chess training for improving executive functions and invasion game tactical behavior of college student athletes: a preliminary investigation. Physical Education and Sport Pedagogy, 2023, 28, 380-396.	3.0	2
3	Cognitively enriched physical activity may foster motor competence and executive function as early as preschool age: a pilot trial. Physical Education and Sport Pedagogy, 2023, 28, 425-443.	3.0	9
4	Effects of Cognitively Engaging Physical Activity on Preschool Childrenâ€™s Cognitive Outcomes. Research Quarterly for Exercise and Sport, 2023, 94, 839-852.	1.4	3
5	Through the Looking Glass: A Systematic Review of Longitudinal Evidence, Providing New Insight for Motor Competence and Health. Sports Medicine, 2022, 52, 875-920.	6.5	102
6	The feasibility and acceptability of a classroom-based physical activity program for children attending specialist schools: a mixed-methods pilot study. BMC Public Health, 2022, 22, 40.	2.9	2
7	Giving Ideas Some Legs or Legs Some Ideas? Childrenâ€™s Motor Creativity Is Enhanced by Physical Activity Enrichment: Direct and Mediated Paths. Frontiers in Psychology, 2022, 13, 806065.	2.1	12
8	Rhythmic ability decline in aging individuals: The role of movement task complexity. Biomedical Human Kinetics, 2022, 14, 41-53.	0.6	1
9	Understanding the Benefits of Brief Classroomâ€Based Physical Activity Interventions on Primary Schoolâ€Aged Children's Enjoyment and Subjective Wellbeing: A Systematic Review. Journal of School Health, 2022, 92, 916-932.	1.6	5
10	The Interlink among Age, Functional Fitness, and Perception of Health and Quality of Life: A Mediation Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 6850.	2.6	5
11	Parents about parenting dual career athletes: A systematic literature review.. Psychology of Sport and Exercise, 2021, 53, 101833.	2.1	32
12	Fostering Selfâ€Control Development With a Designed Intervention in Physical Education: A Twoâ€Year Classâ€Randomized Trial. Child Development, 2021, 92, 937-958.	3.0	22
13	Understanding the educational needs of parenting athletes involved in sport and education: The parentsâ€™ view. PLoS ONE, 2021, 16, e0243354.	2.5	15
14	Effects of classroomâ€based active breaks on cognition, sitting and onâ€task behaviour in children with intellectual disability: a pilot study. Journal of Intellectual Disability Research, 2021, 65, 464-488.	2.0	5
15	Editorial: Physical Activity â€œEnrichmentâ€: A Joint Focus on Motor Competence, Hot and Cool Executive Functions. Frontiers in Psychology, 2021, 12, 658667.	2.1	10
16	Early Drop-Out from Sports and Strategic Learning Skills: A Cross-Country Study in Italian and Spanish Students. Sports, 2021, 9, 96.	1.7	2
17	Age-Related Differential Effects of School-Based Sitting and Movement Meditation on Creativity and Spatial Cognition: A Pilot Study. Children, 2021, 8, 583.	1.5	6
18	Breaking up classroom sitting time with cognitively engaging physical activity: Behavioural and brain responses. PLoS ONE, 2021, 16, e0253733.	2.5	17

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19	Embodiment as a pedagogical tool to enhance learning. , 2021, , 183-203.		2
20	Fostering Holistic Development with a Designed Multisport Intervention in Physical Education: A Class-Randomized Cross-Over Trial. International Journal of Environmental Research and Public Health, 2021, 18, 9871.	2.6	11
21	Collective conceptualization of parental support of dual career athletes: The EMPATIA framework. PLoS ONE, 2021, 16, e0257719.	2.5	9
22	Exploring Potential Benefits of Accumulated Multicomponent-Training in Non-Active Older Adults: From Physical Fitness to Mental Health. International Journal of Environmental Research and Public Health, 2021, 18, 9645.	2.6	3
23	Behaviours that prompt primary school teachers to adopt and implement physically active learning: a meta synthesisÂof qualitative evidence. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 151.	4.6	19
24	Staying Active under Restrictions: Changes in Type of Physical Exercise during the Initial COVID-19 Lockdown. International Journal of Environmental Research and Public Health, 2021, 18, 12015.	2.6	11
25	Exploration: an overarching focus for holistic development. Brazilian Journal of Motor Behavior, 2021, 15, 301-320.	0.5	14
26	A Preliminary Investigation of the Relationship between Motivation for Physical Activity and Emotional and Behavioural Difficulties in Children Aged 8â€“12 Years: The Role of Autonomous Motivation. International Journal of Environmental Research and Public Health, 2020, 17, 5584.	2.6	8
27	Physical Literacy - A Journey of Individual Enrichment: An Ecological Dynamics Rationale for Enhancing Performance and Physical Activity in All. Frontiers in Psychology, 2020, 11, 1904.	2.1	66
28	Skill Acquisition Methods Fostering Physical Literacy in Early-Physical Education (SAMPLE-PE): Rationale and Study Protocol for a Cluster Randomized Controlled Trial in 5â€“6-Year-Old Children From Deprived Areas of North West England. Frontiers in Psychology, 2020, 11, 1228.	2.1	34
29	Strategies to change body composition in older adults: do type of exercise and dose distribution matter?. Journal of Sports Medicine and Physical Fitness, 2020, 60, 552-561.	0.7	7
30	Effects of a 4-month judo program on gait performance in older adults. Journal of Sports Medicine and Physical Fitness, 2020, 60, 685-692.	0.7	5
31	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. British Journal of Sports Medicine, 2019, 53, 640-647.	6.7	287
32	The mediating effects of breaking up classroom sitting with cognitively engaging or simple active breaks on children's cognition. Journal of Science and Medicine in Sport, 2019, 22, S22-S23.	1.3	2
33	Autonomic Stress Response and Perceived Effort Jointly Inform on Dual Tasking in Aging. Brain Sciences, 2019, 9, 290.	2.3	4
34	Energy Balance and Active Lifestyle: Potential Mediators of Health and Quality of Life Perception in Aging. Nutrients, 2019, 11, 2122.	4.1	6
35	Feasibility of breaking up sitting time in mainstream and special schools with a cognitively challenging motor task. Journal of Sport and Health Science, 2019, 8, 137-148.	6.5	20
36	How Older Adults Cope with Cognitive Complexity and Environmental Constraints during Dual-Task Walking: The Role of Executive Function Involvement. International Journal of Environmental Research and Public Health, 2019, 16, 1835.	2.6	12

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37	Effects of a Judo Training on Functional Fitness, Anthropometric, and Psychological Variables in Old Novice Practitioners. Journal of Aging and Physical Activity, 2019, 27, 831-842.	1.0	15
38	Associations of Class-Time Sitting, Stepping and Sit-to-Stand Transitions with Cognitive Functions and Brain Activity in Children. International Journal of Environmental Research and Public Health, 2019, 16, 1482.	2.6	20
39	More than one road leads to Rome: A narrative review and meta-analysis of physical activity intervention effects on cognition in youth. International Journal of Sport and Exercise Psychology, 2019, 17, 153-178.	2.1	156
40	Variability of practice as an interface between motor and cognitive development. International Journal of Sport and Exercise Psychology, 2019, 17, 133-152.	2.1	68
41	Exercise, sports, and performance arts benefit cognition via a common process.. Psychological Bulletin, 2019, 145, 929-951.	6.1	145
42	When Childrenâ€™s Perceived and Actual Motor Competence Mismatch: Sport Participation and Gender Differences. Journal of Motor Learning and Development, 2018, 6, S440-S460.	0.4	42
43	Socio-economic determinants of physical activity across the life course: A "DEterminants of DIet and Physical ACtivity" (DEDIPAC) umbrella literature review. PLoS ONE, 2018, 13, e0190737.	2.5	175
44	Behavioral determinants of physical activity across the life course: a â€œDEterminants of DIet and Physical ACtivityâ€•(DEDIPAC) umbrella systematic literature review. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 58.	4.6	100
45	Academic Achievement and Physical Activity: A Meta-analysis. Pediatrics, 2017, 140, .	2.1	215
46	The Effect of Physical Activity Interventions on Childrenâ€™s Cognition and Metacognition: AÂSystematic Review andÂMeta-Analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 729-738.	0.5	275
47	From Delivery to Adoption of Physical Activity Guidelines: Realist Synthesis. International Journal of Environmental Research and Public Health, 2017, 14, 1193.	2.6	29
48	Steps to Health in Cognitive Aging: Effects of Physical Activity on Spatial Attention and Executive Control in the Elderly. Frontiers in Human Neuroscience, 2017, 11, 107.	2.0	14
49	Psychological determinants of physical activity across the life course: A "DEterminants of DIet and Physical ACtivity" (DEDIPAC) umbrella systematic literature review. PLoS ONE, 2017, 12, e0182709.	2.5	112
50	Disentangling the relationship between childrenâ€™s motor ability, executive function and academic achievement. PLoS ONE, 2017, 12, e0182845.	2.5	98
51	â€œCogito ergo sumâ€•or â€œambulo ergo sumâ€? New Perspectives in Developmental Exercise and Cognition Research. , 2016, , 251-282.		32
52	Effects of Physical-Cognitive Dual Task Training on Executive Function and Gait Performance in Older Adults: A Randomized Controlled Trial. BioMed Research International, 2016, 2016, 1-12.	1.9	90
53	Deliberate Play and Preparation Jointly Benefit Motor and Cognitive Development: Mediated and Moderated Effects. Frontiers in Psychology, 2016, 7, 349.	2.1	129
54	Youth life skills training: Exploring outcomes and mediating mechanisms of a group-randomized trial in physical education.. Sport, Exercise, and Performance Psychology, 2016, 5, 232-246.	0.8	23

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55	Using concept mapping in the development of the EU-PAD framework (EUropean-Physical Activity) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	58
56	Quantitative assessment of developmental levels in overarm throwing using wearable inertial sensing technology. Journal of Sports Sciences, 2016, 34, 1759-1765.	2.0	17
57	From Efficacy to Effectiveness of a â€œWhole Childâ€•Initiative of Physical Activity Promotion. Translational Journal of the American College of Sports Medicine, 2016, 1, 18-29.	0.6	7
58	Physical Activity and Health Perception in Aging: Do Body Mass and Satisfaction Matter? A Three-Path Mediated Link. PLoS ONE, 2016, 11, e0160805.	2.5	34
59	Health and Quality of Life Perception in Older Adults: The Joint Role of Cognitive Efficiency and Functional Mobility. International Journal of Environmental Research and Public Health, 2015, 12, 11328-11344.	2.6	37
60	Creating Well-Being: Increased Creativity and proNGF Decrease following Quadrato Motor Training. BioMed Research International, 2015, 2015, 1-13.	1.9	22
61	Corporate responsibility for childhood physical activity promotion in the UK. Health Promotion International, 2015, 31, 755-768.	1.8	9
62	Exercise and children's cognition: The role of exercise characteristics and a place for metacognition. Journal of Sport and Health Science, 2015, 4, 47-55.	6.5	215
63	From cognitive motor preparation to visual processing: The benefits of childhood fitness to brain health. Neuroscience, 2015, 298, 211-219.	2.3	34
64	Enhancing Childrenâ€™s Cognition With Physical Activity Games. , 2015, , .		40
65	Cognitively challenging physical activity benefits executive function in overweight children. Journal of Sports Sciences, 2014, 32, 201-211.	2.0	134
66	Measures of static postural control moderate the association of strength and power with functional dynamic balance. Aging Clinical and Experimental Research, 2014, 26, 645-653.	2.9	28
67	Assessing locomotor skills development in childhood using wearable inertial sensor devices: the running paradigm. Gait and Posture, 2013, 37, 570-574.	1.4	26
68	Executive function moderates the role of muscular fitness in determining functional mobility in older adults. Aging Clinical and Experimental Research, 2013, 25, 291-298.	2.9	16
69	Searching for cognitively optimal challenge point in physical activity for children with typical and atypical motor development. Mental Health and Physical Activity, 2013, 6, 172-180.	1.8	76
70	Benefits of multi-sports physical education in the elementary school context. Health Education Journal, 2013, 72, 326-336.	1.2	24
71	Enhancing cognitive functioning in the elderly: multicomponent vs resistance training. Clinical Interventions in Aging, 2013, 8, 19.	2.9	125
72	Shifting the Focus From Quantitative to Qualitative Exercise Characteristics in Exercise and Cognition Research. Journal of Sport and Exercise Psychology, 2012, 34, 766-786.	1.2	246

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73	Prefrontal hyperactivity in older people during motor planning. NeuroImage, 2012, 62, 1750-1760.	4.2	131
74	Physical activity and mental performance in preadolescents: Effects of acute exercise on free-recall memory. Mental Health and Physical Activity, 2009, 2, 16-22.	1.8	204
75	Interlimb Coordination, Strength, and Power in Soccer Players Across the Lifespan. Journal of Strength and Conditioning Research, 2009, 23, 2458-2466.	2.1	42
76	Focusing of visual attention at rest and during physical exercise in soccer players. Journal of Sports Sciences, 2007, 25, 1259-1270.	2.0	83
77	Field Evaluation of Cycled Coupled Movements of Hand and Foot in Older Individuals. Gerontology, 2004, 50, 399-406.	2.8	23
78	An Integrated Approach to the Effect of Acute and Chronic Exercise on Cognition: The Linked Role of Individual and Task Constraints. , 0, , 211-226.		24