Eva D'Hondt

List of Publications by Year in descending order

57 papers	2,983 citations	236833 25 h-index	168321 53 g-index
58 all docs	58 docs citations	58 times ranked	2666 citing authors

#	Article	IF	Citations
1	Motor Competence and its Effect on Positive Developmental Trajectories of Health. Sports Medicine, 2015, 45, 1273-1284.	3.1	785
2	A longitudinal analysis of gross motor coordination in overweight and obese children versus normal-weight peers. International Journal of Obesity, 2013, 37, 61-67.	1.6	225
3	Relationship between Motor Skill and Body Mass Index in 5- to 10-Year-Old Children. Adapted Physical Activity Quarterly, 2009, 26, 21-37.	0.6	181
4	Gross motor coordination in relation to weight status and age in 5- to 12-year-old boys and girls: A cross-sectional study. Pediatric Obesity, 2011, 6, e556-e564.	3.2	145
5	A longitudinal study of gross motor coordination and weight status in children. Obesity, 2014, 22, 1505-1511.	1.5	112
6	Childhood obesity affects fine motor skill performance under different postural constraints. Neuroscience Letters, 2008, 440, 72-75.	1.0	104
7	Fine and gross motor skills differ between healthy-weight and obese children. Research in Developmental Disabilities, 2013, 34, 4043-4051.	1.2	103
8	Motor competence assessment in children: Convergent and discriminant validity between the BOT-2 Short Form and KTK testing batteries. Research in Developmental Disabilities, 2014, 35, 1375-1383.	1.2	84
9	Self-determined motivation towards physical activity in adolescents treated for obesity: an observational study. International Journal of Behavioral Nutrition and Physical Activity, 2011, 8, 97.	2.0	82
10	The Relationship Between Actual and Perceived Motor Competence in Children, Adolescents and Young Adults: A Systematic Review and Meta-analysis. Sports Medicine, 2020, 50, 2001-2049.	3.1	75
11	A Machine Learning Approach to Assess Injury Risk in Elite Youth Football Players. Medicine and Science in Sports and Exercise, 2020, 52, 1745-1751.	0.2	72
12	A Narrative Review of Motor Competence in Children and Adolescents: What We Know and What We Need to Find Out. International Journal of Environmental Research and Public Health, 2021, 18, 18.	1.2	70
13	Changes in Physical Fitness and Sports Participation Among Children With Different Levels of Motor Competence: A 2-Year Longitudinal Study. Pediatric Exercise Science, 2014, 26, 11-21.	0.5	69
14	Lifestyle and Chronic Pain across the Lifespan: An Inconvenient Truth?. PM and R, 2020, 12, 410-419.	0.9	62
15	The visual control of bicycle steering: The effects of speed and path width. Accident Analysis and Prevention, 2013, 51, 222-227.	3.0	58
16	Age and maturity related differences in motor coordination among male elite youth soccer players. Journal of Sports Sciences, 2019, 37, 196-203.	1.0	56
17	Objectively measured physical activity, physical activity related personality and body mass index in 6- to 10-yr-old children: a cross-sectional study. International Journal of Behavioral Nutrition and Physical Activity, 2009, 6, 25.	2.0	49
18	Postural balance under normal and altered sensory conditions in normal-weight and overweight children. Clinical Biomechanics, 2011, 26, 84-89.	0.5	47

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19	Risk of acute and overuse injuries in youth elite soccer players: Body size and growth matter. Journal of Science and Medicine in Sport, 2020, 23, 246-251.	0.6	43
20	The effectiveness of a fundamental motor skill intervention in pre-schoolers with motor problems depends on gender but not environmental context. Research in Developmental Disabilities, 2013, 34, 4571-4581.	1.2	40
21	The effect of a portion size intervention on French fries consumption, plate waste, satiety and compensatory caloric intake: an on-campus restaurant experiment. Nutrition Journal, 2018, 17, 43.	1.5	40
22	Developmental Change in Motor Competence: A Latent Growth Curve Analysis. Frontiers in Physiology, 2019, 10, 1273.	1.3	40
23	Weight Loss and Improved Gross Motor Coordination in Children as a Result of Multidisciplinary Residential Obesity Treatment. Obesity, 2011, 19, 1999-2005.	1.5	39
24	The effects of pediatric obesity on dynamic joint malalignment during gait. Clinical Biomechanics, 2014, 29, 835-838.	0.5	37
25	A comparative study of performance in simple and choice reaction time tasks between obese and healthy-weight children. Research in Developmental Disabilities, 2013, 34, 2635-2641.	1.2	30
26	Reduced motor competence in children with obesity is associated with structural differences in the cerebellar peduncles. Brain Imaging and Behavior, 2018, 12, 1000-1010.	1.1	24
27	The role of vision in obese and normal-weight children's gait control. Gait and Posture, 2011, 33, 179-184.	0.6	23
28	Accuracy of maturity prediction equations in individual elite male football players. Annals of Human Biology, 2020, 47, 409-416.	0.4	23
29	The role of excess mass in the adaptation of childrenâ€™s gait. Human Movement Science, 2014, 36, 12-19.	0.6	22
30	Fatness and fitness in relation to functional movement quality in overweight and obese children. Journal of Sports Sciences, 2019, 37, 878-885.	1.0	21
31	Role of Motor Competence and Executive Functioning in Weight Loss: A Study in Children with Obesity. Journal of Developmental and Behavioral Pediatrics, 2018, 39, 642-651.	0.6	18
32	Validation of a Motor Competence Assessment Tool for Children and Adolescents (KTK3+) With Normative Values for 6- to 19-Year-Olds. Frontiers in Physiology, 2021, 12, 652952.	1.3	18
33	Multifractal Analysis Differentiates Postural Sway in Obese and Nonobese Children. Motor Control, 2019, 23, 262-271.	0.3	16
34	Weight loss, behavioral change, and structural neuroplasticity in children with obesity through a multidisciplinary treatment program. Human Brain Mapping, 2019, 40, 137-150.	1.9	16
35	Bioelectrical impedance analysis as a means of quantifying upper and lower limb asymmetry in youth elite tennis players: An explorative study. European Journal of Sport Science, 2022, 22, 1343-1354.	1.4	12
36	Structural connectivity and weight loss in children with obesity: a study of the â€œconnectobeseâ€• International Journal of Obesity, 2019, 43, 2309-2321.	1.6	11

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37	Using Machines or Free Weights for Resistance Training in Novice Males? A Randomized Parallel Trial. International Journal of Environmental Research and Public Health, 2020, 17, 7848.	1.2	11
38	Differences in Weight Status and Autonomous Motivation towards Sports among Children with Various Profiles of Motor Competence and Organized Sports Participation. Children, 2021, 8, 156.	0.6	11
39	Relative Importance of Determinants of Changes in Eating Behavior during the Transition to Parenthood: Priorities for Future Research and Interventions. Nutrients, 2021, 13, 2429.	1.7	10
40	Longâ€term effectiveness of a fundamental motor skill intervention in Belgian children: A 6â€year followâ€up. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 23-34.	1.3	8
41	Differences between Young Childrenâ€™s Actual, Self-perceived and Parent-perceived Aquatic Skills. Perceptual and Motor Skills, 2021, 128, 1905-1931.	0.6	8
42	Motor Competence Levels in Young Children: A Cross-Cultural Comparison Between Belgium and Greece. Journal of Motor Learning and Development, 2019, 7, 289-306.	0.2	8
43	Morphological and functional asymmetry in elite youth tennis players compared to sex- and age-matched controls. Journal of Sports Sciences, 2022, 40, 1618-1628.	1.0	8
44	Upper extremity bone mineral content asymmetries in tennis players: A systematic review and meta-analysis. Journal of Sports Sciences, 2019, 37, 988-997.	1.0	7
45	The effect of nudges aligned with the renewed Flemish Food Triangle on the purchase of fresh fruits: An on-campus restaurant experiment. Appetite, 2020, 144, 104479.	1.8	7
46	A 10â€year longitudinal study on the associations between changes in plantâ€based diet indices, anthropometric parameters and blood lipids in a Flemish adult population. Nutrition and Dietetics, 2020, 77, 196-203.	0.9	7
47	Misreporting of Physical Activity and Sedentary Behavior in Parents-to-Be: A Validation Study across Sex. International Journal of Environmental Research and Public Health, 2021, 18, 4654.	1.2	7
48	International vs. national female tennis players: a comparison of upper and lower extremity functional asymmetries. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.4	7
49	No Relationship between Lean Mass and Functional Asymmetry in High-Level Female Tennis Players. International Journal of Environmental Research and Public Health, 2021, 18, 11928.	1.2	6
50	The association between mental rotation capacity and motor impairment in children with obesityâ€”an exploratory study. PeerJ, 2019, 7, e8150.	0.9	5
51	Whole-body morphological asymmetries in high-level female tennis players: A crossâ€sectional study. Journal of Sports Sciences, 2021, 39, 777-782.	1.0	4
52	Motor performance is not related to injury risk in growing elite-level male youth football players. A causal inference approach to injury risk assessment. Journal of Science and Medicine in Sport, 2021, 24, 881-885.	0.6	4
53	Event-Specific Body Characteristics of Elite Alpine Skiers in Relation to International Rankings. Advances in Anthropology, 2017, 07, 94-106.	0.1	4
54	Multidisciplinary residential treatment can improve perceptualâ€motor function in obese children. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, e263-70.	0.7	3

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55	Dietary Intake, Hydration Status, and Body Composition of Three Belgian Military Groups. Military Medicine, 2020, 185, e1175-e1182.	0.4	3
56	The Inter-Rater and Intra-Rater Reliability of the Actual Aquatic Skills Test (AAST) for Assessing Young Childrenâ€™s Motor Competence in the Water. International Journal of Environmental Research and Public Health, 2022, 19, 446.	1.2	2
57	The Effect of a Tailored Intervention on Female Soccer Playersâ€™ Hydration Status. Journal of Human Kinetics, 2021, 78, 131-140.	0.7	1