

# Adam Rozumalski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3102090/publications.pdf>

Version: 2024-02-01

26  
papers

2,964  
citations

489802

18  
h-index

563245

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2514  
citing authors

#	ARTICLE	IF	CITATIONS
1	The gait deviation index: A new comprehensive index of gait pathology. <i>Gait and Posture</i> , 2008, 28, 351-357.	0.6	587
2	The Gait Profile Score and Movement Analysis Profile. <i>Gait and Posture</i> , 2009, 30, 265-269.	0.6	559
3	A new method for estimating joint parameters from motion data. <i>Journal of Biomechanics</i> , 2005, 38, 107-116.	0.9	437
4	The effect of walking speed on the gait of typically developing children. <i>Journal of Biomechanics</i> , 2008, 41, 1639-1650.	0.9	434
5	Muscle synergies and complexity of neuromuscular control during gait in cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 1176-1182.	1.1	258
6	Dynamic motor control is associated with treatment outcomes for children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 1139-1145.	1.1	105
7	Crouch gait patterns defined using k-means cluster analysis are related to underlying clinical pathology. <i>Gait and Posture</i> , 2009, 30, 155-160.	0.6	81
8	The in vivo three-dimensional motion of the human lumbar spine during gait. <i>Gait and Posture</i> , 2008, 28, 378-384.	0.6	79
9	Femoral derotational osteotomy: Surgical indications and outcomes in children with cerebral palsy. <i>Gait and Posture</i> , 2014, 39, 778-783.	0.6	64
10	The GDI-Kinetic: A new index for quantifying kinetic deviations from normal gait. <i>Gait and Posture</i> , 2011, 33, 730-732.	0.6	63
11	Predicting the outcome of intramuscular psoas lengthening in children with cerebral palsy using preoperative gait data and the random forest algorithm. <i>Gait and Posture</i> , 2013, 37, 473-479.	0.6	49
12	An exploration of the function of the triceps surae during normal gait using functional electrical stimulation. <i>Gait and Posture</i> , 2007, 26, 482-488.	0.6	45
13	Quantifying the Spring-Like Properties of Ankle-Foot Orthoses (AFOs). <i>Journal of Prosthetics and Orthotics</i> , 2007, 19, 98-103.	0.2	32
14	Muscle synergies are similar when typically developing children walk on a treadmill at different speeds and slopes. <i>Journal of Biomechanics</i> , 2017, 64, 112-119.	0.9	31
15	Treadmill vs. overground running gait during childhood: A qualitative and quantitative analysis. <i>Gait and Posture</i> , 2015, 41, 613-618.	0.6	27
16	Long-term changes in femoral anteversion and hip rotation following femoral derotational osteotomy in children with cerebral palsy. <i>Gait and Posture</i> , 2016, 50, 223-228.	0.6	23
17	Evaluation of Conventional Selection Criteria for Psoas Lengthening for Individuals With Cerebral Palsy. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, 534-540.	0.6	19
18	Anterior Guided Growth of the Distal Femur for Knee Flexion Contracture: Clinical, Radiographic, and Motion Analysis Results. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e360-e365.	0.6	19

#	ARTICLE	IF	CITATIONS
19	Three-Dimensional Lumbar Spine Vertebral Motion During Running Using Indwelling Bone Pins. <i>Spine</i> , 2014, 39, E1560-E1565.	1.0	17
20	Assessment of Three-Dimensional Lumbar Spine Vertebral Motion During Gait with Use of Indwelling Bone Pins. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e184.	1.4	14
21	Synergies analysis produces consistent results between motion analysis laboratories. <i>Gait and Posture</i> , 2021, 86, 139-143.	0.6	7
22	Muscle synergy complexity is related to selective motor control in cerebral palsy. <i>Gait and Posture</i> , 2014, 39, S40.	0.6	4
23	Individual muscle force energy rate is altered during crouch gait: A neuro-musculoskeletal evaluation. <i>Journal of Biomechanics</i> , 2022, 139, 111141.	0.9	2
24	A comparison of functional and regression-based hip joint centers in persons with achondroplasia. <i>Gait and Posture</i> , 2009, 30, S81-S82.	0.6	1
25	20. Visualizing and Quantifying the In Vivo Three-dimensional Motion of the Human Lumbar Spine During Functional Activities. <i>Spine Journal</i> , 2007, 7, 10S.	0.6	0
26	Crouch gait patterns derived from cluster analysis are related to clinical parameters and surgical interventions. <i>Gait and Posture</i> , 2009, 30, S99-S100.	0.6	0