Victor Santamaria

List of Publications by Year
in descending order

18	253	1163117 8	996975 15
papers	citations	h-index	g-index

19	19	19	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Segmental trunk control acquisition and reaching in typically developing infants. Experimental Brain Research, 2013, 228, 131-139.	1.5	46
2	The development of trunk control and its relation to reaching in infancy: a longitudinal study. Frontiers in Human Neuroscience, 2015, 9, 94.	2.0	38
3	Effect of Segmental Trunk Support on Posture and Reaching in Children With Cerebral Palsy. Pediatric Physical Therapy, 2016, 28, 285-293.	0.6	29
4	The robotic Trunk-Support-Trainer (TruST) to measure and increase postural workspace during sitting in people with spinal cord injury. Spinal Cord Series and Cases, 2020, 6, 1.	0.6	24
5	Enhancing Seated Stability Using Trunk Support Trainer (TruST). IEEE Robotics and Automation Letters, 2017, 2, 1609-1616.	5.1	20
6	Promoting Functional and Independent Sitting in Children With Cerebral Palsy Using the Robotic Trunk Support Trainer. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2995-3004.	4.9	18
7	Stand Trainer With Applied Forces at the Pelvis and Trunk: Response to Perturbations and Assist-As-Needed Support. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1855-1864.	4.9	17
8	Improving Trunk-Pelvis Stability Using Active Force Control at the Trunk and Passive Resistance at the Pelvis. IEEE Robotics and Automation Letters, 2018, 3, 2569-2576.	5.1	10
9	Human Evaluation of Wheelchair Robot for Active Postural Support (WRAPS). Robotica, 2019, 37, 2132-2146.	1.9	8
10	The Seated Postural & Reaching Control Test in Cerebral Palsy: A Validation Study. Physical and Occupational Therapy in Pediatrics, 2020, 40, 441-469.	1.3	8
11	Control Mechanisms in Standing while Simultaneously Receiving Perturbations and Active Assistance from the Robotic Upright Stand Trainer (RobUST). , 2020, , .		8
12	Exploring New Potential Applications for Hand Exoskeletons: Power Grip to Assist Human Standing. Sensors, 2021, 21, 30.	3.8	6
13	Postural Control Strategies in Standing With Handrail Support and Active Assistance From Robotic Upright Stand Trainer (RobUST). IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1424-1431.	4.9	5
14	Continuous inter-limb coordination deficits in children with unilateral spastic cerebral palsy. Clinical Biomechanics, 2021, 81, 105250.	1.2	4
15	The Impact of Segmental Trunk Support on Posture and Reaching While Sitting in Healthy Adults. Journal of Motor Behavior, 2018, 50, 51-64.	0.9	3
16	Robotic upright stand trainer (RobUST) and postural control in individuals with spinal cord injury. Journal of Spinal Cord Medicine, 2023, 46, 889-899.	1.4	3
17	Reactive Postural Control During Sit-to-Stand Motion. IEEE Robotics and Automation Letters, 2022, 7, 7185-7192.	5.1	2
18	Commentary on â€œDevelopment and Validity of the Clinical Assessment of Body Alignment for Children With Cerebral Palsyâ€• Pediatric Physical Therapy, 2020, 32, 143-143.	0.6	0