Apoorva Rajagopal

List of Publications by Year
in descending order

8 papers	1,689 citations	1163117 8 h-index	1588992 8 g-index
8 all docs	8 docs citations	8 times ranked	1756 citing authors

#	Article	IF	Citations
1	OpenSim: Simulating musculoskeletal dynamics and neuromuscular control to study human and animal movement. PLoS Computational Biology, 2018, 14, e1006223.	3.2	735
2	Full-Body Musculoskeletal Model for Muscle-Driven Simulation of Human Gait. IEEE Transactions on Biomedical Engineering, 2016, 63, 2068-2079.	4.2	580
3	Machine learning in human movement biomechanics: Best practices, common pitfalls, and new opportunities. Journal of Biomechanics, 2018, 81, 1-11.	2.1	266
4	Prospective Home-use Study on Non-invasive Neuromodulation Therapy for Essential Tremor. Tremor and Other Hyperkinetic Movements, 2020, 10, 29.	2.0	35
5	Estimating the effect size of surgery to improve walking in children with cerebral palsy from retrospective observational clinical data. Scientific Reports, 2018, 8, 16344.	3.3	29
6	Pre-operative gastrocnemius lengths in gait predict outcomes following gastrocnemius lengthening surgery in children with cerebral palsy. PLoS ONE, 2020, 15, e0233706.	2.5	19
7	Transcutaneous Afferent Patterned Stimulation Therapy Reduces Hand Tremor for One Hour in Essential Tremor Patients. Frontiers in Neuroscience, 2020, 14, 530300.	2.8	14
8	Non-invasive electrical stimulation of peripheral nerves for the management of tremor. Journal of the Neurological Sciences, 2022, 435, 120195.	0.6	11