Rajal G Cohen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/809235/publications.pdf

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39 papers	1,895 citations	361413 20 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1990 citing authors

#	Article	IF	Citations
1	Asymmetric pedunculopontine network connectivity in parkinsonian patients with freezing of gait. Brain, 2013, 136, 2405-2418.	7.6	213
2	Where grasps are made reveals how grasps are planned: generation and recall of motor plans. Experimental Brain Research, 2004, 157, 486-95.	1.5	207
3	The problem of serial order in behavior: Lashleyâ€™s legacy. Human Movement Science, 2007, 26, 525-554.	1.4	203
4	Variability in motor learning: relocating, channeling and reducing noise. Experimental Brain Research, 2009, 193, 69-83.	1.5	191
5	Functional Reorganization of the Locomotor Network in Parkinson Patients with Freezing of Gait. PLoS ONE, 2014, 9, e100291.	2.5	164
6	The clinical significance of freezing while turning in Parkinsonâ€™s disease. Neuroscience, 2017, 343, 222-228.	2.3	101
7	Cognitive Contributions to Freezing of Gait in Parkinson Disease: Implications for Physical Rehabilitation. Physical Therapy, 2016, 96, 659-670.	2.4	91
8	Inhibition, Executive Function, and Freezing of Gait. Journal of Parkinson's Disease, 2014, 4, 111-122.	2.8	79
9	Dual-task interference and brain structural connectivity in people with Parkinson's disease who freeze. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 786-792.	1.9	70
10	Errors in Postural Preparation Lead to Increased Choice Reaction Times for Step Initiation in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 705-713.	3.6	66
11	Freezing of gait is associated with a mismatch between motor imagery and motor execution in narrow doorways, not with failure to judge doorway passability. Neuropsychologia, 2011, 49, 3981-3988.	1.6	65
12	Grasping movement plans. Psychonomic Bulletin and Review, 2006, 13, 918-922.	2.8	52
13	State space analysis of timing: exploiting task redundancy to reduce sensitivity to timing. Journal of Neurophysiology, 2012, 107, 618-627.	1.8	40
14	Plans for Grasping Objects. , 2006, , 9-25.		38
15	Returning home: location memory versus posture memory in object manipulation. Experimental Brain Research, 2007, 179, 191-198.	1.5	30
16	An fMRI-compatible force measurement system for the evaluation of the neural correlates of step initiation. Scientific Reports, 2017, 7, 43088.	3.3	29
17	Lighten Up. Neurorehabilitation and Neural Repair, 2015, 29, 878-888.	2.9	27
18	Recovery from Multiple APAs Delays Gait Initiation in Parkinsonâ€™s Disease. Frontiers in Human Neuroscience, 2017, 11, 60.	2.0	25

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19	Prospective and retrospective effects in human motor control: planning grasps for object rotation and translation. Psychological Research, 2011, 75, 341-349.	1.7	24
20	Mobility and Upright Posture Are Associated with Different Aspects of Cognition in Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 257.	3.4	22
21	The Posture-Based Motion Planning Framework: New Findings Related to Object Manipulation, Moving Around Obstacles, Moving in Three Spatial Dimensions, and Haptic Tracking. Advances in Experimental Medicine and Biology, 2009, 629, 485-497.	1.6	22
22	The interaction of postural and voluntary strategies for stability in Parkinson's disease. Journal of Neurophysiology, 2012, 108, 1244-1252.	1.8	20
23	Manual obstacle avoidance takes into account visual uncertainty, motor noise, and biomechanical costs. Experimental Brain Research, 2010, 201, 587-592.	1.5	14
24	Peering through the FoG: Visual manipulations shed light on freezing of gait. Movement Disorders, 2012, 27, 470-472.	3.9	14
25	Protocol to assess the neurophysiology associated with multi-segmental postural coordination. Physiological Measurement, 2013, 34, N97-N105.	2.1	12
26	Preliminary evidence for feasibility, efficacy, and mechanisms of Alexander technique group classes for chronic neck pain. Complementary Therapies in Medicine, 2018, 39, 80-86.	2.7	11
27	Brain networks associated with anticipatory postural adjustments in Parkinsonâ€™s disease patients with freezing of gait. NeuroImage: Clinical, 2020, 28, 102461.	2.7	10
28	Potential Mechanisms of the Alexander Technique: Toward a Comprehensive Neurophysiological Model. Kinesiology Review, 2020, 9, 199-213.	0.6	10
29	Lighten Up! Postural Instructions Affect Static and Dynamic Balance in Healthy Older Adults. Innovation in Aging, 2020, 4, igz056.	0.1	9
30	Keeping your balance while balancing a cylinder: interaction between postural and voluntary goals. Experimental Brain Research, 2012, 223, 79-87.	1.5	8
31	Perceptual-Motor Expertise. , 2006, , 505-520.		7
32	Directional Bias of Limb Tremor Prior to Voluntary Movement. Psychological Science, 2007, 18, 8-12.	3.3	7
33	Neck posture is influenced by anticipation of stepping. Human Movement Science, 2019, 64, 108-122.	1.4	6
34	Posture biofeedback increases cognitive load. Psychological Research, 2022, 86, 1892-1903.	1.7	3
35	Poised for Parkinsonâ€™s: Alexander Technique Course improves Balance, Mobility and Posture for People With PD. Archives of Physical Medicine and Rehabilitation, 2019, 100, e193.	0.9	2
36	Alexander Technique vs. Targeted Exercise for Neck Painâ€”A Preliminary Comparison. Applied Sciences (Switzerland), 2021, 11, 4640.	2.5	2

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37	Alexander Technique (AT) Group Classes: Feasible Intervention for Care Partners of People Living With Parkinson's. Archives of Physical Medicine and Rehabilitation, 2019, 100, e42.	0.9	1
38	Cognitive Authentication and Narrative Passwords. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 1511-1515.	0.3	0
39	Poised for Parkinsonâ€™s': Online Group Delivery of Alexander Classes for People Living With Parkinson's Disease/Care Partner Dyads. Archives of Physical Medicine and Rehabilitation, 2020, 101, e99-e100.	0.9	0