

Scott A Beardsley

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

319
citations

10
h-index

17
g-index

45
ext. papers

414
ext. citations

2.5
avg, IF

3.26
L-index

#	Paper	IF	Citations
36	EEG and fMRI coupling and decoupling based on joint independent component analysis (jICA).. <i>Journal of Neuroscience Methods</i> , 2022 , 369, 109477	3	0
35	Electroencephalography resting-state networks in people with Stroke. <i>Brain and Behavior</i> , 2021 , 11, e02097	3.9	4
34	Contributions of implicit and explicit memories to sensorimotor adaptation of movement extent during goal-directed reaching. <i>Experimental Brain Research</i> , 2021 , 239, 2445-2459	2.3	0
33	Continuous Myoelectric Prediction of Future Ankle Angle and Moment Across Ambulation Conditions and Their Transitions. <i>Frontiers in Neuroscience</i> , 2021 , 15, 709422	5.1	1
32	Comparison of Whole-Head Functional Near-Infrared Spectroscopy With Functional Magnetic Resonance Imaging and Potential Application in Pediatric Neurology. <i>Pediatric Neurology</i> , 2021 , 122, 68-75	2.9	3
31	The effect of visual field manipulations on standing balance control in people with multiple sclerosis. <i>Gait and Posture</i> , 2021 , 90, 92-98	2.6	0
30	Prediction of EMG Activation Profiles from Gait Kinematics and Kinetics during Multiple Terrains. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2021 , 2021, 6326-6329	0.9	0
29	Functional Near-Infrared Spectroscopy and Its Clinical Application in the Field of Neuroscience: Advances and Future Directions. <i>Frontiers in Neuroscience</i> , 2020 , 14, 724	5.1	38
28	The Effect of Discrete Visual Perturbations on Balance Control during Gait. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 3162-3165	0.9	1
27	Differential cortical activation during the perception of moving objects along different trajectories. <i>Experimental Brain Research</i> , 2019 , 237, 2665-2673	2.3	1
26	Method for spatial overlap estimation of electroencephalography and functional magnetic resonance imaging responses. <i>Journal of Neuroscience Methods</i> , 2019 , 328, 108401	3	1
25	Role of the cortex in visuomotor control of arm stability. <i>Journal of Neurophysiology</i> , 2019 , 122, 2156-2172	3.2	2
24	Optimizing Within-Subject Experimental Designs for jICA of Multi-Channel ERP and fMRI. <i>Frontiers in Neuroscience</i> , 2018 , 12, 13	5.1	4
23	2018 ,		3
22	A modular low-clearance wrist orthosis for improving wrist motion in children with cerebral palsy. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 3069-72	0.9	3
21	Intention tremor and deficits of sensory feedback control in multiple sclerosis: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014 , 11, 170	5.3	7
20	Within-socket myoelectric prediction of continuous ankle kinematics for control of a powered transtibial prosthesis. <i>Journal of Neural Engineering</i> , 2014 , 11, 056027	5	20

19	Age-related differentiation of sensorimotor control strategies during pursuit and compensatory tracking. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2014, 2014, 3562-5</i>	0.9	1
18	Neural dynamics of phonological processing in the dorsal auditory stream. <i>Journal of Neuroscience, 2013, 33, 15414-24</i>	6.6	50
17	Within-subject joint independent component analysis of simultaneous fMRI/ERP in an auditory oddball paradigm. <i>NeuroImage, 2012, 60, 2247-57</i>	7.9	29
16	Global flow impacts time-to-passage judgments based on local motion cues. <i>Vision Research, 2011, 51, 1880-7</i>	2.1	3
15	Different motion cues are used to estimate time-to-arrival for frontoparallel and looming trajectories. <i>Vision Research, 2011, 51, 2378-85</i>	2.1	12
14	Visual and proprioceptive contributions to compensatory and pursuit tracking movements in humans. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2011, 2011, 7356-9</i>	0.9	4
13	Synaptic weighting for physiological responses in recurrent spiking neural networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2011, 2011, 4187-90</i>	0.9	
12	Improved multi-unit decoding at the brain-machine interface using population temporal linear filtering. <i>Journal of Neural Engineering, 2010, 7, 046012</i>	5	5
11	Integration mechanisms for heading perception. <i>Seeing and Perceiving, 2010, 23, 197-221</i>		4
10	An effect of relative motion on trajectory discrimination. <i>Vision Research, 2008, 48, 1040-52</i>	2.1	2
9	Global motion mechanisms compensate local motion deficits in a patient with a bilateral occipital lobe lesion. <i>Experimental Brain Research, 2006, 173, 724-32</i>	2.3	5
8	Psychophysical evidence for a radial motion bias in complex motion discrimination. <i>Vision Research, 2005, 45, 1569-86</i>	2.1	16
7	How can a patient blind to radial motion discriminate shifts in the center-of-motion?. <i>Journal of Computational Neuroscience, 2005, 18, 55-66</i>	1.4	11
6	Linking Perception and Neurophysiology for Motion Pattern Processing: The Computational Power of Inhibitory Connections in Cortex 2004 , 183-221		1
5	A neural network model of spiral-planar motion tuning in MSTd. <i>Vision Research, 2003, 43, 577-95</i>	2.1	13
4	A laterally interconnected neural architecture in MST accounts for psychophysical discrimination of complex motion patterns. <i>Journal of Computational Neuroscience, 2001, 10, 255-80</i>	1.4	11
3	The perception and discrimination of speed in complex motion. <i>Vision Research, 1999, 39, 2213-27</i>	2.1	44
2	Computational modelling of optic flow selectivity in MSTd neurons. <i>Network: Computation in Neural Systems, 1998, 9, 467-493</i>	0.7	10

1 Computational modelling of optic flow selectivity in MSTd neurons

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