

Miya K Rand

List of Publications by Year in descending order

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33
papers

1,302
citations

516710

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414414

32
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33
all docs

33
docs citations

33
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel neural networks for learning sequential procedures. Trends in Neurosciences, 1999, 22, 464-471.	8.6	702
2	Movement accuracy constraints in Parkinson's disease patients. Neuropsychologia, 2000, 38, 203-212.	1.6	84
3	Role of vision in aperture closure control during reach-to-grasp movements. Experimental Brain Research, 2007, 181, 447-460.	1.5	44
4	Implicit and Explicit Representations of Hand Position in Tool Use. PLoS ONE, 2013, 8, e68471.	2.5	35
5	Effect of speed manipulation on the control of aperture closure during reach-to-grasp movements. Experimental Brain Research, 2006, 174, 74-85.	1.5	32
6	Segment interdependency and difficulty in two-stroke sequences. Experimental Brain Research, 2000, 134, 228-236.	1.5	31
7	Effects of hand termination and accuracy requirements on eye-hand coordination in older adults. Behavioural Brain Research, 2011, 219, 39-46.	2.2	29
8	Effects of hand termination and accuracy constraint on eye-hand coordination during sequential two-segment movements. Experimental Brain Research, 2010, 207, 197-211.	1.5	25
9	Vision and proprioception in action monitoring by young and older adults. Neurobiology of Aging, 2013, 34, 1864-1872.	3.1	24
10	Gaze locations affect explicit process but not implicit process during visuomotor adaptation. Journal of Neurophysiology, 2015, 113, 88-99.	1.8	23
11	Eye-Hand Coordination during Visuomotor Adaptation with Different Rotation Angles. PLoS ONE, 2014, 9, e109819.	2.5	22
12	Effects of Reliability and Global Context on Explicit and Implicit Measures of Sensed Hand Position in Cursor-Control Tasks. Frontiers in Psychology, 2015, 6, 2056.	2.1	20
13	Eye-Hand Coordination during Visuomotor Adaptation with Different Rotation Angles: Effects of Terminal Visual Feedback. PLoS ONE, 2016, 11, e0164602.	2.5	20
14	Quantitative model of transport-aperture coordination during reach-to-grasp movements. Experimental Brain Research, 2008, 188, 263-274.	1.5	19
15	Visual and proprioceptive recalibrations after exposure to a visuomotor rotation. European Journal of Neuroscience, 2019, 50, 3296-3310.	2.6	19
16	Segment difficulty in two-stroke movements in patients with Parkinson's disease. Experimental Brain Research, 2002, 143, 383-393.	1.5	17
17	Two-phase strategy of controlling motor coordination determined by task performance optimality. Biological Cybernetics, 2013, 107, 107-129.	1.3	17
18	Effect of Aging on Coordinated Eye and Hand Movements With Two-Segment Sequence. Motor Control, 2012, 16, 447-465.	0.6	16

#	ARTICLE	IF	CITATIONS
19	Segment interdependency and gaze anchoring during manual two-segment sequences. <i>Experimental Brain Research</i> , 2014, 232, 2753-2765.	1.5	16
20	Two-phase strategy of neural control for planar reaching movements: I. XY coordination variability and its relation to end-point variability. <i>Experimental Brain Research</i> , 2013, 225, 55-73.	1.5	14
21	Adaptation of gaze anchoring through practice in young and older adults. <i>Neuroscience Letters</i> , 2011, 492, 47-51.	2.1	13
22	A condition that produces sensory recalibration and abolishes multisensory integration. <i>Cognition</i> , 2020, 202, 104326.	2.2	13
23	Dissociating explicit and implicit measures of sensed hand position in tool use: Effect of relative frequency of judging different objects. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 211-221.	1.3	11
24	Contrasting effects of adaptation to a visuomotor rotation on explicit and implicit measures of sensory coupling. <i>Psychological Research</i> , 2019, 83, 935-950.	1.7	11
25	Phase dependence of transport aperture coordination variability reveals control strategy of reach-to-grasp movements. <i>Experimental Brain Research</i> , 2010, 207, 49-63.	1.5	10
26	Coordination deficits during trunk-assisted reach-to-grasp movements in Parkinson's disease. <i>Experimental Brain Research</i> , 2014, 232, 61-74.	1.5	9
27	Two-phase strategy of neural control for planar reaching movements: II relation to spatiotemporal characteristics of movement trajectory. <i>Experimental Brain Research</i> , 2013, 230, 1-13.	1.5	7
28	Eye-hand coordination during visuomotor adaptation: effects of hemispace and joint coordination. <i>Experimental Brain Research</i> , 2017, 235, 3645-3661.	1.5	7
29	Control of aperture closure initiation during trunk-assisted reach-to-grasp movements. <i>Experimental Brain Research</i> , 2012, 219, 293-304.	1.5	5
30	Effects of Hand and Hemispace on Multisensory Integration of Hand Position and Visual Feedback. <i>Frontiers in Psychology</i> , 2019, 10, 237.	2.1	4
31	Effects of auditory feedback on movements with two-segment sequence and eye-hand coordination. <i>Experimental Brain Research</i> , 2018, 236, 3131-3148.	1.5	2
32	Effects of auditory feedback on movements with two-segment sequence and eye-hand coordination: Using a short auditory contact cue. <i>Neuroscience Letters</i> , 2020, 717, 134695.	2.1	1
33	Delay of gaze fixation during reaching movement with the non-dominant hand to a distant target. <i>Experimental Brain Research</i> , 2022, , 1.	1.5	0