

Jonathan J Marotta

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,192
citations

471509

17
h-index

377865

34
g-index

46
all docs

46
docs citations

46
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	Detailed Exploration of Face-related Processing in Congenital Prosopagnosia: 1. Behavioral Findings. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1130-1149.	2.3	213
2	The removal of binocular cues disrupts the calibration of grasping in patients with visual form agnosia. <i>Experimental Brain Research</i> , 1997, 116, 113-121.	1.5	108
3	Does a monocularly presented size-contrast illusion influence grip aperture?. <i>Neuropsychologia</i> , 1998, 36, 491-497.	1.6	85
4	The role of learned pictorial cues in the programming and control of grasping. <i>Experimental Brain Research</i> , 1998, 121, 465-470.	1.5	65
5	The Role of Familiar Size in the Control of Grasping. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 8-17.	2.3	63
6	Behavioral Change and Its Neural Correlates in Visual Agnosia After Expertise Training. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 554-568.	2.3	61
7	Adapting to monocular vision: grasping with one eye. <i>Experimental Brain Research</i> , 1995, 104, 107-14.	1.5	58
8	The role of head movements in the control of manual prehension. <i>Experimental Brain Research</i> , 1998, 120, 134-138.	1.5	56
9	The effects of rotation and inversion on face processing in prosopagnosia. <i>Cognitive Neuropsychology</i> , 2002, 19, 31-47.	1.1	54
10	The interacting effect of cognitive and motor task demands on performance of gait, balance and cognition in young adults. <i>Gait and Posture</i> , 2013, 38, 596-602.	1.4	50
11	Kinematic Rules for Upper and Lower Arm Contributions to Grasp Orientation. <i>Journal of Neurophysiology</i> , 2003, 90, 3816-3827.	1.8	39
12	Hemispatial neglect: its effects on visual perception and visually guided grasping. <i>Neuropsychologia</i> , 2003, 41, 1262-1271.	1.6	33
13	Mental Rotation of Faces in Healthy Aging and Alzheimer's Disease. <i>PLoS ONE</i> , 2009, 4, e6120.	2.5	31
14	“Graspability” of objects affects gaze patterns during perception and action tasks. <i>Experimental Brain Research</i> , 2011, 212, 177-187.	1.5	29
15	Patient Schn: has Goldstein and Gelb’s case withstood the test of time?. <i>Neuropsychologia</i> , 2004, 42, 633-638.	1.6	26
16	Gaze strategies during visually-guided versus memory-guided grasping. <i>Experimental Brain Research</i> , 2013, 225, 291-305.	1.5	21
17	The influence of object shape and center of mass on grasp and gaze. <i>Frontiers in Psychology</i> , 2015, 6, 1537.	2.1	20
18	Integrated testing of standing balance and cognition: Test’s retest reliability and construct validity. <i>Gait and Posture</i> , 2015, 41, 146-152.	1.4	19

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19	Task-Specific Sensorimotor Adaptation to Reversing Prisms. <i>Journal of Neurophysiology</i> , 2005, 93, 1104-1110.	1.8	18
20	Posterior cortical atrophy: visuomotor deficits in reaching and grasping. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 294.	2.0	18
21	The interacting effects of treadmill walking and different types of visuospatial cognitive task: Discriminating dual task and age effects. <i>Archives of Gerontology and Geriatrics</i> , 2017, 73, 50-59.	3.0	14
22	Anticipatory gaze strategies when grasping moving objects. <i>Experimental Brain Research</i> , 2015, 233, 3413-3423.	1.5	13
23	Novel claustrum activation observed during a visuomotor adaptation task using a viewing window paradigm. <i>Behavioural Brain Research</i> , 2011, 223, 395-402.	2.2	11
24	Looking without Perceiving: Impaired Preattentive Perceptual Grouping in Autism Spectrum Disorder. <i>PLoS ONE</i> , 2016, 11, e0158566.	2.5	10
25	When What's Left Is Right: Visuomotor Transformations in an Aged Population. <i>PLoS ONE</i> , 2009, 4, e5484.	2.5	9
26	Posterior cortical atrophy: an investigation of scan paths generated during face matching tasks. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 309.	2.0	9
27	A new window into the interactions between perception and action. <i>Journal of Neuroscience Methods</i> , 2007, 160, 128-134.	2.5	7
28	An In-School-Based Program of Combined Fine Motor Exercise and Educational Activities for Children with Neurodevelopmental Disorders. <i>Games for Health Journal</i> , 2014, 3, 326-332.	2.0	7
29	The specificity of learned associations in visuomotor and perceptual processing. <i>Experimental Brain Research</i> , 2008, 187, 595-601.	1.5	5
30	Temporal integration limits of stereovision in reaching and grasping. <i>Experimental Brain Research</i> , 2008, 189, 91-98.	1.5	5
31	Neural Correlates of Perceptual Grouping Under Conditions of Inattention and Divided Attention. <i>Perception</i> , 2020, 49, 495-514.	1.2	5
32	Changes in Metabolic Activity and Gait Function by Dual-Task Cognitive Game-Based Treadmill System in Parkinson's Disease: Protocol of a Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 680270.	3.4	5
33	Grasping occluded targets: investigating the influence of target visibility, allocentric cue presence, and direction of motion on gaze and grasp accuracy. <i>Experimental Brain Research</i> , 2017, 235, 2705-2716.	1.5	4
34	Cluttered environments: Differential effects of obstacle position on grasp and gaze locations. <i>Canadian Journal of Experimental Psychology</i> , 2016, 70, 242-247.	0.8	4
35	A novel integrative method for analyzing eye and hand behaviour during reaching and grasping in an MRI environment. <i>Behavior Research Methods</i> , 2011, 43, 399-408.	4.0	3
36	The influence of the Sander parallelogram illusion and early, middle and late vision on goal-directed reaching and grasping. <i>Experimental Brain Research</i> , 2020, 238, 2993-3003.	1.5	3

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37	Eye-hand coordination in reaching and grasping vertically moving targets. <i>Experimental Brain Research</i> , 2020, 238, 1433-1440.	1.5	3
38	Behavioural Distinction between Strategic Control and Spatial Realignment during Visuomotor Adaptation in a Viewing Window Task. <i>PLoS ONE</i> , 2012, 7, e48759.	2.5	2
39	Both reaching and grasping are impacted by temporarily induced paresthesia. <i>Somatosensory & Motor Research</i> , 2020, 37, 106-116.	0.9	2
40	Rhythm and Reaching: The Influence of Rhythmic Auditory Cueing in a Goal-Directed Reaching Task With Adults Diagnosed With Cerebral Palsy. <i>Adapted Physical Activity Quarterly</i> , 2022, 39, 1-16.	0.8	2
41	Grasping a 2D virtual target: The influence of target position and movement on gaze and digit placement. <i>Human Movement Science</i> , 2020, 71, 102625.	1.4	1
42	Priming of the Sander Parallelogram illusion separates perception from action. <i>Experimental Brain Research</i> , 2021, 239, 2207-2220.	1.5	1
43	Manipulation of physical 3-D and virtual 2-D stimuli: comparing digit placement and fixation position. <i>Experimental Brain Research</i> , 2021, 239, 1863-1875.	1.5	0
44	Perception With and Without Attention: Neural Correlates of Grouping by Similarity in Preattention and Divided-Attention Conditions. <i>Journal of Vision</i> , 2019, 19, 151.	0.3	0
45	Eye-hand coordination: memory-guided grasping during obstacle avoidance. <i>Experimental Brain Research</i> , 2021, 240, 453.	1.5	0