Michael S A Graziano

List of Publications by Year
in descending order

67 papers	7,609 citations	117571 34 h-index	118793 62 g-index
71 all docs	71 docs citations	71 times ranked	6147 citing authors

#	Article	IF	Citations
1	Consciousness explained or described?. Neuroscience of Consciousness, 2022, 2022, niac001.	1.4	10
2	The origin of smiling, laughing, and crying: The defensive mimic theory. Evolutionary Human Sciences, 2022, 4, .	0.9	2
3	Consciousness is already solved: The continued debate is not about science. Behavioral and Brain Sciences, 2022, 45, e50.	0.4	0
4	A conceptual framework for consciousness. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116933119.	3.3	17
5	Conscious intention: New data on where and how inÂthe brain. Current Biology, 2022, 32, R414-R416.	1.8	3
6	Right temporoparietal junction encodes inferred visual knowledge of others. Neuropsychologia, 2022, 171, 108243.	0.7	3
7	What makes us so certain that weâ€™re conscious?. Cognitive Neuroscience, 2021, 12, 67-68.	0.6	0
8	Temporo-parietal cortex involved in modeling oneâ€™s own and othersâ€™ attention. ELife, 2021, 10, .	2.8	10
9	Understanding consciousness. Brain, 2021, 144, 1281-1283.	3.7	8
10	Attention, awareness, and the right temporoparietal junction. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
11	The attention schema theory in a neural network agent: Controlling visuospatial attention using a descriptive model of attention. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
12	Toward a standard model of consciousness: Reconciling the attention schema, global workspace, higher-order thought, and illusionist theories. Cognitive Neuropsychology, 2020, 37, 155-172.	0.4	56
13	Visual motion assists in social cognition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32165-32168.	3.3	9
14	An extraordinary neuroscience lab. Progress in Neurobiology, 2020, 195, 101933.	2.8	0
15	Reply to GÃ¶rner et al.: Encoding gaze as implied motion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20377-20377.	3.3	1
16	Attention control and the attention schema theory of consciousness. Progress in Neurobiology, 2020, 195, 101844.	2.8	17
17	Consciousness and the attention schema: Why it has to be right. Cognitive Neuropsychology, 2020, 37, 224-233.	0.4	14
18	Other peopleâ€™s gaze encoded as implied motion in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13162-13167.	3.3	14

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19	Implied motion as a possible mechanism for encoding other peopleâ€™s attention. Progress in Neurobiology, 2020, 190, 101797.	2.8	13
20	Implicit model of other peopleâ€™s visual attention as an invisible, force-carrying beam projecting from the eyes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 328-333.	3.3	33
21	Projecting oneâ€™s own spatial bias onto others during a theory-of-mind task. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1684-E1689.	3.3	10
22	The temporoparietal junction and awareness. Neuroscience of Consciousness, 2018, 2018, niy005.	1.4	14
23	Transfer of Pseudoneglect in a Theory of Mind Task. Journal of Vision, 2018, 18, 1129.	0.1	0
24	Functional Connectivity Between the Temporoparietal Cortex and Cerebellum in Autism Spectrum Disorder. Cerebral Cortex, 2017, 27, bhw079.	1.6	58
25	The inferior parietal lobule and temporoparietal junction: A network perspective. Neuropsychologia, 2017, 105, 70-83.	0.7	268
26	The Attention Schema Theory: A Foundation for Engineering Artificial Consciousness. Frontiers in Robotics and AI, 2017, 4, .	2.0	36
27	A New View of the Motor Cortex and Its Relation to Social Behavior. , 2016, , 38-58.		3
28	Cortical networks involved in visual awareness independent of visual attention. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13923-13928.	3.3	40
29	Effects of Awareness on the Control of Attention. Journal of Cognitive Neuroscience, 2016, 28, 842-851.	1.1	26
30	Ethological Action Maps: A Paradigm Shift for the Motor Cortex. Trends in Cognitive Sciences, 2016, 20, 121-132.	4.0	159
31	Topographical Organization of Attentional, Social, and Memory Processes in the Human Temporoparietal Cortex. ENeuro, 2016, 3, ENEURO.0060-16.2016.	0.9	43
32	The attention schema theory: a mechanistic account of subjective awareness. Frontiers in Psychology, 2015, 06, 500.	1.1	95
33	Neural Processes in the Human Temporoparietal Cortex Separated by Localized Independent Component Analysis. Journal of Neuroscience, 2015, 35, 9432-9445.	1.7	93
34	Speculations on the Evolution of Awareness. Journal of Cognitive Neuroscience, 2014, 26, 1300-1304.	1.1	16
35	Attributing awareness to oneself and to others. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5012-5017.	3.3	54
36	A Mechanistic Theory of Consciousness. International Journal of Machine Consciousness, 2014, 06, 163-176.	1.0	17

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37	New Insights into Motor Cortex. Neuron, 2011, 71, 387-388.	3.8	24
38	Human consciousness and its relationship to social neuroscience: A novel hypothesis. Cognitive Neuroscience, 2011, 2, 98-113.	0.6	123
39	Cables vs. networks: old and new views on the function of motor cortex. Journal of Physiology, 2011, 589, 2439-2439.	1.3	8
40	Awareness as a perceptual model of attention. Cognitive Neuroscience, 2011, 2, 125-127.	0.6	7
41	Diversity of grip in Macaca mulatta. Experimental Brain Research, 2009, 197, 255-268.	0.7	77
42	Complex Organization of Human Primary Motor Cortex: A High-Resolution fMRI Study. Journal of Neurophysiology, 2008, 100, 1800-1812.	0.9	248
43	Relationship between Unconstrained Arm Movements and Single-Neuron Firing in the Macaque Motor Cortex. Journal of Neuroscience, 2007, 27, 2760-2780.	1.7	47
44	Mapping Behavioral Repertoire onto the Cortex. Neuron, 2007, 56, 239-251.	3.8	258
45	Rethinking Cortical Organization. Neuroscientist, 2007, 13, 138-147.	2.6	73
46	THE ORGANIZATION OF BEHAVIORAL REPERTOIRE IN MOTOR CORTEX. Annual Review of Neuroscience, 2006, 29, 105-134.	5.0	312
47	Progress in Understanding Spatial Coordinate Systems in the Primate Brain. Neuron, 2006, 51, 7-9.	3.8	21
48	Parieto-frontal interactions, personal space, and defensive behavior. Neuropsychologia, 2006, 44, 845-859.	0.7	412
49	Parieto-frontal interactions, personal space, and defensive behavior. Neuropsychologia, 2006, 44, 2621-2635.	0.7	325
50	Possible Origins of the Complex Topographic Organization of Motor Cortex: Reduction of a Multidimensional Space onto a Two-Dimensional Array. Journal of Neuroscience, 2006, 26, 6288-6297.	1.7	106
51	Partial tuning of motor cortex neurons to final posture in a free-moving paradigm. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2909-2914.	3.3	73
52	Arm Movements Evoked by Electrical Stimulation in the Motor Cortex of Monkeys. Journal of Neurophysiology, 2005, 94, 4209-4223.	0.9	156
53	Sensorimotor Integration in the Precentral Gyrus: Polysensory Neurons and Defensive Movements. Journal of Neurophysiology, 2004, 91, 1648-1660.	0.9	158
54	Distribution of hand location in monkeys during spontaneous behavior. Experimental Brain Research, 2004, 155, 30-36.	0.7	43

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55	Super-Flinchers and Nerves of Steel. Neuron, 2004, 43, 585-593.	3.8	51
56	Mapping From Motor Cortex to Biceps and Triceps Altered By Elbow Angle. Journal of Neurophysiology, 2004, 92, 395-407.	0.9	49
57	Complex movements evoked by microstimulation of the ventral intraparietal area. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6163-6168.	3.3	213
58	Defensive Movements Evoked by Air Puff in Monkeys. Journal of Neurophysiology, 2003, 90, 3317-3329.	0.9	121
59	The clothing effect: Tactile neurons in the precentral gyrus do not respond to the touch of the familiar primate chair. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11930-11933.	3.3	16
60	Complex Movements Evoked by Microstimulation of Precentral Cortex. Neuron, 2002, 34, 841-851.	3.8	817
61	The Cortical Control of Movement Revisited. Neuron, 2002, 36, 349-362.	3.8	315
62	Probing cortical function with electrical stimulation. Nature Neuroscience, 2002, 5, 921-921.	7.1	13
63	Awareness of space. Nature, 2001, 411, 903-904.	13.7	45
64	A neuronal representation of the location of nearby sounds. Nature, 1999, 397, 428-430.	13.7	286
65	Neurogenesis in the Neocortex of Adult Primates. Science, 1999, 286, 548-552.	6.0	1,165
66	Visuospatial Properties of Ventral Premotor Cortex. Journal of Neurophysiology, 1997, 77, 2268-2292.	0.9	545
67	A bimodal map of space: somatosensory receptive fields in the macaque putamen with corresponding visual receptive fields. Experimental Brain Research, 1993, 97, 96-109.	0.7	326