

Michael J Arcaro

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,703
citations

361413

20
h-index

454955

30
g-index

44
all docs

44
docs citations

44
times ranked

2964
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic Maps of Visual Topography in Human Cortex. <i>Cerebral Cortex</i> , 2015, 25, 3911-3931.	2.9	546
2	Retinotopic Organization of Human Ventral Visual Cortex. <i>Journal of Neuroscience</i> , 2009, 29, 10638-10652.	3.6	305
3	Neural Representations of Faces and Body Parts in Macaque and Human Cortex: A Comparative fMRI Study. <i>Journal of Neurophysiology</i> , 2009, 101, 2581-2600.	1.8	299
4	Seeing faces is necessary for face-domain formation. <i>Nature Neuroscience</i> , 2017, 20, 1404-1412.	14.8	208
5	Electrophysiological Low-Frequency Coherence and Cross-Frequency Coupling Contribute to BOLD Connectivity. <i>Neuron</i> , 2012, 76, 1010-1020.	8.1	147
6	The Anatomical and Functional Organization of the Human Visual Pulvinar. <i>Journal of Neuroscience</i> , 2015, 35, 9848-9871.	3.6	146
7	The Human Connectome Project 7 Tesla retinotopy dataset: Description and population receptive field analysis. <i>Journal of Vision</i> , 2018, 18, 23.	0.3	139
8	A hierarchical, retinotopic proto-organization of the primate visual system at birth. <i>ELife</i> , 2017, 6, .	6.0	132
9	Visuotopic Organization of Macaque Posterior Parietal Cortex: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2011, 31, 2064-2078.	3.6	95
10	Development of the macaque face-patch system. <i>Nature Communications</i> , 2017, 8, 14897.	12.8	79
11	Elucidating relations between fMRI, ECoG, and EEG through a common natural stimulus. <i>NeuroImage</i> , 2018, 179, 79-91.	4.2	64
12	Retinotopic Organization of Scene Areas in Macaque Inferior Temporal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 7373-7389.	3.6	57
13	Attributing awareness to oneself and to others. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5012-5017.	7.1	54
14	On the relationship between maps and domains in inferotemporal cortex. <i>Nature Reviews Neuroscience</i> , 2021, 22, 573-583.	10.2	50
15	Widespread correlation patterns of fMRI signal across visual cortex reflect eccentricity organization. <i>ELife</i> , 2015, 4, .	6.0	48
16	Organizing principles of pulvino-cortical functional coupling in humans. <i>Nature Communications</i> , 2018, 9, 5382.	12.8	40
17	How to Create and Use Binocular Rivalry. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	38
18	Universal Mechanisms and the Development of the Face Network: What You See Is What You Get. <i>Annual Review of Vision Science</i> , 2019, 5, 341-372.	4.4	32

#	ARTICLE	IF	CITATIONS
19	Focused ultrasound induced opening of the blood-brain barrier disrupts inter-hemispheric resting state functional connectivity in the rat brain. <i>NeuroImage</i> , 2018, 178, 414-422.	4.2	31
20	Body map proto-organization in newborn macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24861-24871.	7.1	30
21	Sulcal Depth in the Medial Ventral Temporal Cortex Predicts the Location of a Place-Selective Region in Macaques, Children, and Adults. <i>Cerebral Cortex</i> , 2021, 31, 48-61.	2.9	24
22	Cortex Is Cortex: Ubiquitous Principles Drive Face-Domain Development. <i>Trends in Cognitive Sciences</i> , 2019, 23, 3-4.	7.8	21
23	Retinotopic organization of visual cortex in human infants. <i>Neuron</i> , 2021, 109, 2616-2626.e6.	8.1	21
24	Brain Transfer: Spectral Analysis of Cortical Surfaces and Functional Maps. <i>Lecture Notes in Computer Science</i> , 2015, 24, 474-487.	1.3	20
25	Psychophysical and neuroimaging responses to moving stimuli in a patient with the Riddoch phenomenon due to bilateral visual cortex lesions. <i>Neuropsychologia</i> , 2019, 128, 150-165.	1.6	19
26	Anatomical correlates of face patches in macaque inferotemporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32667-32678.	7.1	18
27	The neurons that mistook a hat for a face. <i>ELife</i> , 2020, 9, .	6.0	14
28	Preserved cortical organization in the absence of early visual input. <i>Journal of Vision</i> , 2018, 18, 27.	0.3	3
29	The neurons that mistook Stuart's hat for his face. <i>Journal of Vision</i> , 2019, 19, 259c.	0.3	1
30	The retrocalcarine sulcus maps different retinotopic representations in macaques and humans. <i>Brain Structure and Function</i> , 2021, , 1.	2.3	1
31	Stage 3 and what we see. <i>Cognitive Neuroscience</i> , 2010, 1, 220-222.	1.4	0
32	Retinotopic organization of scene area in macaque inferior temporal cortex and its implications for development. <i>Journal of Vision</i> , 2017, 17, 309.	0.3	0