

Marcus Grueschow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8096260/publications.pdf>

Version: 2024-02-01

21
papers

1,126
citations

840776

11
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	Odor quality coding and categorization in human posterior piriform cortex. <i>Nature Neuroscience</i> , 2009, 12, 932-938.	14.8	243
2	Neural Oscillations and Synchronization Differentially Support Evidence Accumulation in Perceptual and Value-Based Decision Making. <i>Neuron</i> , 2014, 82, 709-720.	8.1	181
3	Perceptual Learning and Decision-Making in Human Medial Frontal Cortex. <i>Neuron</i> , 2011, 70, 549-559.	8.1	152
4	The precision of value-based choices depends causally on fronto-parietal phase coupling. <i>Nature Communications</i> , 2015, 6, 8090.	12.8	114
5	Automatic versus Choice-Dependent Value Representations in the Human Brain. <i>Neuron</i> , 2015, 85, 874-885.	8.1	99
6	Brain Network Mechanisms Underlying Motor Enhancement by Transcranial Entrainment of Gamma Oscillations. <i>Journal of Neuroscience</i> , 2016, 36, 12053-12065.	3.6	93
7	Real-world stress resilience is associated with the responsivity of the locus coeruleus. <i>Nature Communications</i> , 2021, 12, 2275.	12.8	48
8	Attentional Bias towards Positive Emotion Predicts Stress Resilience. <i>PLoS ONE</i> , 2016, 11, e0148368.	2.5	41
9	Role of the locus coeruleus arousal system in cognitive control. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12890.	2.6	30
10	Sensory perceptions of individuals exposed to the static field of a 7T MRI: A controlled blinded study. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1675-1681.	3.4	21
11	How stress affects sleep and mental health: nocturnal heart rate increases during prolonged stress and interacts with childhood trauma exposure to predict anxiety. <i>Sleep</i> , 2020, 43, .	1.1	15
12	Anticipatory Energization Revealed by Pupil and Brain Activity Guides Human Effort-Based Decision Making. <i>Journal of Neuroscience</i> , 2021, 41, 6328-6342.	3.6	14
13	BOLD responses in human V1 to local structure in natural scenes: Implications for theories of visual coding. <i>Journal of Vision</i> , 2013, 13, 19-19.	0.3	13
14	Pupil dilation predicts individual self-regulation success across domains. <i>Scientific Reports</i> , 2021, 11, 14342.	3.3	12
15	Sources of confidence in value-based choice. <i>Nature Communications</i> , 2021, 12, 7337.	12.8	11
16	Causal contributions of human frontal eye fields to distinct aspects of decision formation. <i>Scientific Reports</i> , 2020, 10, 7317.	3.3	9
17	Effect of an Educational Intervention on Therapeutic Inertia in Neurologists With Expertise in Multiple Sclerosis. <i>JAMA Network Open</i> , 2020, 3, e2022227.	5.9	9
18	Neuro-computational foundations of moral preferences. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 253-265.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Functional Coupling of the Locus Coeruleus Is Linked to Successful Cognitive Control. <i>Brain Sciences</i> , 2022, 12, 305.	2.3	6
20	Emotional conflict adaptation predicts intrusive memories. <i>PLoS ONE</i> , 2020, 15, e0225573.	2.5	4
21	Arousal Optimizes Neural Evidence Representation for Human Decision-Making. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2