

Amir-Homayoun Javadi

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,934
citations

361388

20
h-index

289230

40
g-index

70
all docs

70
docs citations

70
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the transient hypofrontality theory in the context of exercise: A systematic review with meta-analysis. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 1193-1214.	1.1	7
2	Diagnosis of early mild cognitive impairment using a multiobjective optimization algorithm based on T1-MRI data. <i>Scientific Reports</i> , 2022, 12, 1020.	3.3	1
3	Nasal Air Puff Promotes Default Mode Network Activity in Mechanically Ventilated Comatose Patients: A Noninvasive Brain Stimulation Approach. <i>Neuromodulation</i> , 2022, 25, 1351-1363.	0.8	6
4	Comparison of cortical and subcortical structural segmentation methods in Alzheimer's disease: A statistical approach. <i>Journal of Clinical Neuroscience</i> , 2022, 99, 99-108.	1.5	2
5	Vigorous-intensity acute exercise during encoding can reduce levels of episodic and false memory. <i>Memory</i> , 2022, , 1-15.	1.7	0
6	Classification of early-MCI patients from healthy controls using evolutionary optimization of graph measures of resting-state fMRI, for the Alzheimer's disease neuroimaging initiative. <i>PLoS ONE</i> , 2022, 17, e0267608.	2.5	11
7	Electrical Brain Stimulation During a Retrieval-Based Learning Task Can Impair Long-Term Memory. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2021, 5, 218-232.	1.6	4
8	Physical inactivity during lockdown and the implications for incidence of stroke, severity, mortality, reoccurrence and rehabilitation. <i>Disability and Rehabilitation</i> , 2021, 43, 148-149.	1.8	2
9	Effects of acute exercise intensity on source episodic memory and metamemory accuracy. <i>Quarterly Journal of Experimental Psychology</i> , 2021, , 174702182110698.	1.1	5
10	Transcranial Direct Current Stimulation Improves Executive Dysfunctions in ADHD: Implications for Inhibitory Control, Interference Control, Working Memory, and Cognitive Flexibility. <i>Journal of Attention Disorders</i> , 2020, 24, 1928-1943.	2.6	90
11	The effects of different protocols of physical exercise and rest on long-term memory. <i>Neurobiology of Learning and Memory</i> , 2020, 167, 107128.	1.9	21
12	Anodal tDCS Over the Left Prefrontal Cortex Does Not Cause Clinically Significant Changes in Circulating Metabolites. <i>Frontiers in Psychiatry</i> , 2020, 11, 403.	2.6	2
13	Theta Phase-dependent Modulation of Perception by Concurrent Transcranial Alternating Current Stimulation and Periodic Visual Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1142-1152.	2.3	7
14	Backtracking during navigation is correlated with enhanced anterior cingulate activity and suppression of alpha oscillations and the "default-mode" network. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191016.	2.6	17
15	A review of neurobiological factors underlying the selective enhancement of memory at encoding, consolidation, and retrieval. <i>Progress in Neurobiology</i> , 2019, 179, 101615.	5.7	22
16	Prefrontal Dynamics Associated with Efficient Detours and Shortcuts: A Combined Functional Magnetic Resonance Imaging and Magnetoencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1227-1247.	2.3	28
17	Hippocampal and Retrosplenial Goal Distance Coding After Long-term Consolidation of a Real-World Environment. <i>Cerebral Cortex</i> , 2019, 29, 2748-2758.	2.9	57
18	Cognitive mapping style relates to posterior-anterior hippocampal volume ratio. <i>Hippocampus</i> , 2019, 29, 748-754.	1.9	36

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19	Delayed, distant skin lesions after transcranial direct current stimulation. <i>Brain Stimulation</i> , 2019, 12, 204-206.	1.6	5
20	Jogginâ€™ the Noggin: Towards a Physiological Understanding of Exercise-Induced Cognitive Benefits. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 88, 177-186.	6.1	96
21	Altered Medial Frontal Feedback Learning Signals in Anorexia Nervosa. <i>Biological Psychiatry</i> , 2018, 83, 235-243.	1.3	46
22	Contracted time and expanded space: The impact of circumnavigation on judgements of space and time. <i>Cognition</i> , 2017, 166, 425-432.	2.2	38
23	Hippocampal and prefrontal processing of network topology to simulate the future. <i>Nature Communications</i> , 2017, 8, 14652.	12.8	143
24	Progression of adverse effects over consecutive sessions of transcranial direct current stimulation. <i>Clinical Neurophysiology</i> , 2017, 128, 2397-2399.	1.5	1
25	Oscillatory Reinstatement Enhances Declarative Memory. <i>Journal of Neuroscience</i> , 2017, 37, 9939-9944.	3.6	30
26	Acute alcohol effects on explicit and implicit motivation to drink alcohol in socially drinking adolescents. <i>Journal of Psychopharmacology</i> , 2017, 31, 893-905.	4.0	10
27	Exploring the neural correlates of dream phenomenology and altered states of consciousness during sleep. <i>Neuroscience of Consciousness</i> , 2017, 2017, nix009.	2.6	16
28	Effectiveness of above real-time training on decision-making in elite football: A doseâ€™ response investigation. <i>Progress in Brain Research</i> , 2017, 234, 101-116.	1.4	8
29	Enhancing duration processing with parietal brain stimulation. <i>Neuropsychologia</i> , 2016, 85, 272-277.	1.6	12
30	Right parietal cortex mediates recognition memory for melodies. <i>European Journal of Neuroscience</i> , 2015, 42, 1660-1666.	2.6	9
31	Modulation of the preâ€™supplementary motor area reduces the sense of agency (Commentary on) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	5
32	SET: a pupil detection method using sinusoidal approximation. <i>Frontiers in Neuroengineering</i> , 2015, 8, 4.	4.8	59
33	Neuroscience: Teleporting Mind into Body and Space. <i>Current Biology</i> , 2015, 25, R448-R450.	3.9	4
34	Transcranial Direct Current Stimulation of the Motor Cortex Biases Action Choice in a Perceptual Decision Task. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2174-2185.	2.3	12
35	Chronologically organized structure in autobiographical memory search. <i>Frontiers in Psychology</i> , 2015, 6, 338.	2.1	6
36	Sleep enhances a spatially mediated generalization of learned values. <i>Learning and Memory</i> , 2015, 22, 532-536.	1.3	14

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37	Adolescents Adapt More Slowly than Adults to Varying Reward Contingencies. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2670-2681.	2.3	35
38	Half and Half is Less than One-eighth and Seven-eighths: Asymmetry Affects Judgment of Numerosity. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 275-277.	0.5	1
39	Transcranial electrical brain stimulation modulates neuronal tuning curves in perception of numerosity and duration. <i>NeuroImage</i> , 2014, 102, 451-457.	4.2	21
40	The Hippocampus and Entorhinal Cortex Encode the Path and Euclidean Distances to Goals during Navigation. <i>Current Biology</i> , 2014, 24, 1331-1340.	3.9	234
41	Differential representation of feedback and decision in adolescents and adults. <i>Neuropsychologia</i> , 2014, 56, 280-288.	1.6	11
42	Processing speed enhances model-based over model-free reinforcement learning in the presence of high working memory functioning. <i>Frontiers in Psychology</i> , 2014, 5, 1450.	2.1	68
43	Automatic approach bias towards smoking cues is present in smokers but not in ex-smokers. <i>Psychopharmacology</i> , 2013, 229, 187-197.	3.1	102
44	Transcranial Direct Current Stimulation (tDCS) Enhances Reconsolidation of Long-Term Memory. <i>Brain Stimulation</i> , 2013, 6, 668-674.	1.6	95
45	Sleep facilitates long-term face adaptation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131698.	2.6	14
46	Training Enhances the Interference of Numerosity on Duration Judgement. <i>PLoS ONE</i> , 2013, 8, e54098.	2.5	7
47	How Long Depends on How Fast – Perceived Flicker Dilates Subjective Duration. <i>PLoS ONE</i> , 2013, 8, e76074.	2.5	55
48	Transcranial direct current stimulation (tDCS) of the left dorsolateral prefrontal cortex modulates declarative memory. <i>Brain Stimulation</i> , 2012, 5, 231-241.	1.6	203
49	Short duration transcranial direct current stimulation (tDCS) modulates verbal memory. <i>Brain Stimulation</i> , 2012, 5, 468-474.	1.6	84
50	Cross-Category Adaptation: Objects Produce Gender Adaptation in the Perception of Faces. <i>PLoS ONE</i> , 2012, 7, e46079.	2.5	19
51	How long depends on how fast - perceived flicker frequencies dilate subjective duration. <i>Journal of Vision</i> , 2012, 12, 141-141.	0.3	1
52	When Time and Numerosity Interfere: The Longer the More, and the More the Longer. <i>PLoS ONE</i> , 2012, 7, e41496.	2.5	50
53	Offline consolidation of procedural skill learning is enhanced by negative emotional content. <i>Experimental Brain Research</i> , 2011, 208, 507-517.	1.5	20
54	Introducing Climax: A novel strategy to a tri-wheel spiral robot. <i>Robotics and Autonomous Systems</i> , 2005, 51, 297-310.	5.1	3

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55	Introducing Glory: A Novel Strategy for an Omnidirectional Spherical Rolling Robot. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2004, 126, 678-683.	1.6	56