

Amir-Homayoun Javadi

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,934
citations

361413

20
h-index

289244

40
g-index

70
all docs

70
docs citations

70
times ranked

2410
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Hippocampal and prefrontal processing of network topology to simulate the future. <i>Nature Communications</i> , 2017, 8, 14652.	12.8	143
4	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
5	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
6	Transcranial Direct Current Stimulation (tDCS) Enhances Reconsolidation of Long-Term Memory. <i>Brain Stimulation</i> , 2013, 6, 668-674.	1.6	95
7	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
8	Short duration transcranial direct current stimulation (tDCS) modulates verbal memory. <i>Brain Stimulation</i> , 2012, 5, 468-474.	1.6	84
9	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
10	SET: a pupil detection method using sinusoidal approximation. <i>Frontiers in Neuroengineering</i> , 2015, 8, 4.	4.8	59
11	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
12	Introducing Glory: A Novel Strategy for an Omnidirectional Spherical Rolling Robot. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2004, 126, 678-683.	1.6	56
13	How Long Depends on How Fastâ€™”Perceived Flicker Dilates Subjective Duration. <i>PLoS ONE</i> , 2013, 8, e76074.	2.5	55
14	When Time and Numerosity Interfere: The Longer the More, and the More the Longer. <i>PLoS ONE</i> , 2012, 7, e41496.	2.5	50
15	Altered Medial Frontal Feedback Learning Signals in Anorexia Nervosa. <i>Biological Psychiatry</i> , 2018, 83, 235-243.	1.3	46
16	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
17	Cognitive mapping style relates to posteriorâ€™”anterior hippocampal volume ratio. <i>Hippocampus</i> , 2019, 29, 748-754.	1.9	36
18	Adolescents Adapt More Slowly than Adults to Varying Reward Contingencies. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2670-2681.	2.3	35

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19	Oscillatory Reinstatement Enhances Declarative Memory. <i>Journal of Neuroscience</i> , 2017, 37, 9939-9944.	3.6	30
20	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
21	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
22	Transcranial electrical brain stimulation modulates neuronal tuning curves in perception of numerosity and duration. <i>NeuroImage</i> , 2014, 102, 451-457.	4.2	21
23	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
24	Offline consolidation of procedural skill learning is enhanced by negative emotional content. <i>Experimental Brain Research</i> , 2011, 208, 507-517.	1.5	20
25	Cross-Category Adaptation: Objects Produce Gender Adaptation in the Perception of Faces. <i>PLoS ONE</i> , 2012, 7, e46079.	2.5	19
26	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
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	Sleep facilitates long-term face adaptation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131698.	2.6	14
29	Sleep enhances a spatially mediated generalization of learned values. <i>Learning and Memory</i> , 2015, 22, 532-536.	1.3	14
30	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
31	Enhancing duration processing with parietal brain stimulation. <i>Neuropsychologia</i> , 2016, 85, 272-277.	1.6	12
32	Differential representation of feedback and decision in adolescents and adults. <i>Neuropsychologia</i> , 2014, 56, 280-288.	1.6	11
33	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
34	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
35	Right parietal cortex mediates recognition memory for melodies. <i>European Journal of Neuroscience</i> , 2015, 42, 1660-1666.	2.6	9
36	Effectiveness of above real-time training on decision-making in elite football: A dose-response investigation. <i>Progress in Brain Research</i> , 2017, 234, 101-116.	1.4	8

#	ARTICLE	IF	CITATIONS
37	Training Enhances the Interference of Numerosity on Duration Judgement. PLoS ONE, 2013, 8, e54098.	2.5	7
38	Theta Phase-dependent Modulation of Perception by Concurrent Transcranial Alternating Current Stimulation and Periodic Visual Stimulation. Journal of Cognitive Neuroscience, 2020, 32, 1142-1152.	2.3	7
39	Evaluation of the transient hypofrontality theory in the context of exercise: A systematic review with meta-analysis. Quarterly Journal of Experimental Psychology, 2022, 75, 1193-1214.	1.1	7
40	Chronologically organized structure in autobiographical memory search. Frontiers in Psychology, 2015, 6, 338.	2.1	6
41	Nasal Air Puff Promotes Default Mode Network Activity in Mechanically Ventilated Comatose Patients: A Noninvasive Brain Stimulation Approach. Neuromodulation, 2022, 25, 1351-1363.	0.8	6
42	Modulation of the pre-supplementary motor area reduces the sense of agency (Commentary on) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.6	5
43	Delayed, distant skin lesions after transcranial direct current stimulation. Brain Stimulation, 2019, 12, 204-206.	1.6	5
44	Effects of acute exercise intensity on source episodic memory and metamemory accuracy. Quarterly Journal of Experimental Psychology, 2021, , 174702182110698.	1.1	5
45	Neuroscience: Teleporting Mind into Body and Space. Current Biology, 2015, 25, R448-R450.	3.9	4
46	Electrical Brain Stimulation During a Retrieval-Based Learning Task Can Impair Long-Term Memory. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 218-232.	1.6	4
47	Introducing Climax: A novel strategy to a tri-wheel spiral robot. Robotics and Autonomous Systems, 2005, 51, 297-310.	5.1	3
48	Anodal tDCS Over the Left Prefrontal Cortex Does Not Cause Clinically Significant Changes in Circulating Metabolites. Frontiers in Psychiatry, 2020, 11, 403.	2.6	2
49	Physical inactivity during lockdown and the implications for incidence of stroke, severity, mortality, reoccurrence and rehabilitation. Disability and Rehabilitation, 2021, 43, 148-149.	1.8	2
50	Comparison of cortical and subcortical structural segmentation methods in Alzheimer's disease: A statistical approach. Journal of Clinical Neuroscience, 2022, 99, 99-108.	1.5	2
51	Half and Half is Less than One-eighth and Seven-eighths: Asymmetry Affects Judgment of Numerosity. Procedia, Social and Behavioral Sciences, 2014, 126, 275-277.	0.5	1
52	Progression of adverse effects over consecutive sessions of transcranial direct current stimulation. Clinical Neurophysiology, 2017, 128, 2397-2399.	1.5	1
53	How long depends on how fast - perceived flicker frequencies dilate subjective duration. Journal of Vision, 2012, 12, 141-141.	0.3	1
54	Diagnosis of early mild cognitive impairment using a multiobjective optimization algorithm based on T1-MRI data. Scientific Reports, 2022, 12, 1020.	3.3	1

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55	Vigorous-intensity acute exercise during encoding can reduce levels of episodic and false memory. <i>Memory</i> , 2022, , 1-15.	1.7	0