Joshua Jacobs

List of Publications by Year
in descending order

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Version: 2024-02-01

		136740	233125
49	5,728	32	45
papers	citations	h-index	g-index

69	69	69	5133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Jose Delgado: A controversial trailblazer in neuromodulation. Artificial Organs, 2022, 46, 531-540.	1.0	0
2	Phase precession in the human hippocampus and entorhinal cortex. Cell, 2021, 184, 3242-3255.e10.	13.5	75
3	A neural code for egocentric spatial maps in the human medial temporal lobe. Neuron, 2021, 109, 2781-2796.e10.	3.8	45
4	Single-Neuron Representations of Spatial Targets in Humans. Current Biology, 2020, 30, 245-253.e4.	1.8	37
5	Time cells in the human hippocampus and entorhinal cortex support episodic memory. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28463-28474.	3.3	107
6	The Effect of Navigational Aids on Spatial Memory in Virtual Reality. , 2020, , .		1
7	Functionally distinct high and low theta oscillations in the human hippocampus. Nature Communications, 2020, 11, 2469.	5.8	126
8	The effects of direct brain stimulation in humans depend on frequency, amplitude, and white-matter proximity. Brain Stimulation, 2020, 13, 1183-1195.	0.7	73
9	Mesoscopic Neural Representations in Spatial Navigation. Trends in Cognitive Sciences, 2019, 23, 615-630.	4.0	53
10	Spatial Memory Rehabilitation in Virtual Reality â€“ Extending findings from Epilepsy Patients to the General Population. , 2019, , .		9
11	Memory retrieval modulates spatial tuning of single neurons in the human entorhinal cortex. Nature Neuroscience, 2019, 22, 2078-2086.	7.1	28
12	Electrophysiological Signatures of Spatial Boundaries in the Human Subiculum. Journal of Neuroscience, 2018, 38, 3265-3272.	1.7	55
13	Electrical Stimulation in Hippocampus and Entorhinal Cortex Impairs Spatial and Temporal Memory. Journal of Neuroscience, 2018, 38, 4471-4481.	1.7	63
14	Grid-like hexadirectional modulation of human entorhinal theta oscillations. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10798-10803.	3.3	46
15	Hexadirectional Modulation of High-Frequency Electrophysiological Activity in the Human Anterior Medial Temporal Lobe Maps Visual Space. Current Biology, 2018, 28, 3325-3329.e4.	1.8	42
16	Lateralized hippocampal oscillations underlie distinct aspects of human spatial memory and navigation. Nature Communications, 2018, 9, 2423.	5.8	132
17	Serial representation of items during working memory maintenance at letter-selective cortical sites. PLoS Biology, 2018, 16, e2003805.	2.6	88
18	Theta and Alpha Oscillations Are Traveling Waves in the Human Neocortex. Neuron, 2018, 98, 1269-1281.e4.	3.8	238

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19	Phase-tuned neuronal firing encodes human contextual representations for navigational goals. ELife, 2018, 7, .	2.8	91
20	Human Hippocampal Theta Oscillations: Distinctive Features and Interspecies Commonalities. , 2017, , 37-67.		2
21	Direct Electrical Stimulation of the Human Entorhinal Region and Hippocampus Impairs Memory. Neuron, 2016, 92, 983-990.	3.8	181
22	Spatial Cognition: Grid Cells Support Imagined Navigation. Current Biology, 2016, 26, R277-R279.	1.8	15
23	Human Hippocampal Theta Oscillations during Movement without Visual Cues. Neuron, 2016, 89, 1121-1123.	3.8	9
24	Slow-Theta-to-Gamma Phaseâ€“Amplitude Coupling in Human Hippocampus Supports the Formation of New Episodic Memories. Cerebral Cortex, 2016, 26, 268-278.	1.6	163
25	Uncovering phaseâ€coupled oscillatory networks in electrophysiological data. Human Brain Mapping, 2015, 36, 2655-2680.	1.9	13
26	Repeating Spatial Activations in Human Entorhinal Cortex. Current Biology, 2015, 25, 1080-1085.	1.8	30
27	Traveling Theta Waves in the Human Hippocampus. Journal of Neuroscience, 2015, 35, 12477-12487.	1.7	145
28	Hippocampal theta oscillations are slower in humans than in rodents: implications for models of spatial navigation and memory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130304.	1.8	217
29	Methods for implantation of micro-wire bundles and optimization of single/multi-unit recordings from human mesial temporal lobe. Journal of Neural Engineering, 2014, 11, 026013.	1.8	51
30	Repeated stimuli elicit diminished high-gamma electrocorticographic responses. NeuroImage, 2014, 85, 844-852.	2.1	21
31	Brain computer interface to enhance episodic memory in human participants. Frontiers in Human Neuroscience, 2014, 8, 1055.	1.0	29
32	Direct recordings of grid-like neuronal activity in human spatial navigation. Nature Neuroscience, 2013, 16, 1188-1190.	7.1	431
33	Neural Activity in Human Hippocampal Formation Reveals the Spatial Context of Retrieved Memories. Science, 2013, 342, 1111-1114.	6.0	269
34	Decoding the memorization of individual stimuli with direct human brain recordings. NeuroImage, 2013, 70, 223-232.	2.1	25
35	Synchronous and Asynchronous Theta and Gamma Activity during Episodic Memory Formation. Journal of Neuroscience, 2013, 33, 292-304.	1.7	246
36	Explaining How Brain Stimulation Can Evoke Memories. Journal of Cognitive Neuroscience, 2012, 24, 553-563.	1.1	36

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37	Human hippocampal theta oscillations and the formation of episodic memories. Hippocampus, 2012, 22, 748-761.	0.9	394
38	A sense of direction in human entorhinal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6487-6492.	3.3	179
39	Right-lateralized Brain Oscillations in Human Spatial Navigation. Journal of Cognitive Neuroscience, 2010, 22, 824-836.	1.1	51
40	Direct brain recordings fuel advances in cognitive electrophysiology. Trends in Cognitive Sciences, 2010, 14, 162-171.	4.0	158
41	Broadband Shifts in Local Field Potential Power Spectra Are Correlated with Single-Neuron Spiking in Humans. Journal of Neuroscience, 2009, 29, 13613-13620.	1.7	792
42	Neural Representations of Individual Stimuli in Humans Revealed by Gamma-Band Electrocorticographic Activity. Journal of Neuroscience, 2009, 29, 10203-10214.	1.7	107
43	Brain Oscillations Control Timing of Single-Neuron Activity in Humans. Journal of Neuroscience, 2007, 27, 3839-3844.	1.7	316
44	Contrasting roles of neural firing rate and local field potentials in human memory. Hippocampus, 2007, 17, 606-617.	0.9	36
45	PyEPL: A cross-platform experiment-programming library. Behavior Research Methods, 2007, 39, 950-958.	2.3	66
46	EEG oscillations and recognition memory: Theta correlates of memory retrieval and decision making. NeuroImage, 2006, 32, 978-987.	2.1	254
47	EEG correlates of verbal and nonverbal working memory. Behavioral and Brain Functions, 2005, 1, 20.	1.4	48
48	Interresponse times in serial recall: Effects of intraserial repetition.. Journal of Experimental Psychology: Learning Memory and Cognition, 2000, 26, 1188-1197.	0.7	36
49	Spontaneous neuronal oscillations in the human insula are hierarchically organized traveling waves. ELife, 0, 11, .	2.8	23