

Bradley Lega

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

882
citations

687363

13
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Electrical Stimulation of the Human Entorhinal Region and Hippocampus Impairs Memory. <i>Neuron</i> , 2016, 92, 983-990.	8.1	181
2	Functionally distinct high and low theta oscillations in the human hippocampus. <i>Nature Communications</i> , 2020, 11, 2469.	12.8	126
3	Evidence for verbal memory enhancement with electrical brain stimulation in the lateral temporal cortex. <i>Brain</i> , 2018, 141, 971-978.	7.6	80
4	Dissecting gamma frequency activity during human memory processing. <i>Brain</i> , 2017, 140, 1337-1350.	7.6	76
5	Electrical Stimulation in Hippocampus and Entorhinal Cortex Impairs Spatial and Temporal Memory. <i>Journal of Neuroscience</i> , 2018, 38, 4471-4481.	3.6	63
6	Stimulation of the Posterior Cingulate Cortex Impairs Episodic Memory Encoding. <i>Journal of Neuroscience</i> , 2019, 39, 7173-7182.	3.6	59
7	Transoral robotic surgery of craniocervical junction and atlantoaxial spine: a cadaveric study. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 13-18.	1.7	57
8	Da Vinci Robot-Assisted Transoral Odontoidectomy for Basilar Invagination. <i>Orl</i> , 2010, 72, 91-95.	1.1	57
9	Electrophysiological Signatures of Spatial Boundaries in the Human Subiculum. <i>Journal of Neuroscience</i> , 2018, 38, 3265-3272.	3.6	55
10	Electrical Stimulation Modulates High $\hat{\nu}^3$ Activity and Human Memory Performance. <i>ENeuro</i> , 2018, 5, ENEURO.0369-17.2018.	1.9	41
11	Memory retrieval modulates spatial tuning of single neurons in the human entorhinal cortex. <i>Nature Neuroscience</i> , 2019, 22, 2078-2086.	14.8	28
12	Human Verbal Memory Encoding Is Hierarchically Distributed in a Continuous Processing Stream. <i>ENeuro</i> , 2019, 6, ENEURO.0214-18.2018.	1.9	21
13	Unsupervised machine-learning classification of electrophysiologically active electrodes during human cognitive task performance. <i>Scientific Reports</i> , 2019, 9, 17390.	3.3	18
14	Morphometric Measurements of the Anterior Skull Base for Endoscopic Transoral and Transnasal Approaches. <i>Skull Base</i> , 2011, 21, 065-070.	0.4	8
15	Direct Electrical Stimulation of the Human Brain Has Inverse Effects on the Theta and Gamma Neural Activities. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 3701-3712.	4.2	7
16	A Computationally Efficient Model for Predicting Successful Memory Encoding Using Machine-Learning-based EEG Channel Selection. , 2019, , .		5