

ValÃ©rie Ego-Stengel

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,324
citations

623734

14
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of ripple-associated hippocampal activity during rest impairs spatial learning in the rat. <i>Hippocampus</i> , 2010, 20, 1-10.	1.9	613
2	A neuronal analogue of state-dependent learning. <i>Nature</i> , 2000, 403, 549-553.	27.8	158
3	Spatial selectivity and theta phase precession in CA1 interneurons. <i>Hippocampus</i> , 2007, 17, 161-174.	1.9	94
4	Tears of wine: the stationary state. <i>Langmuir</i> , 1995, 11, 4117-4121.	3.5	81
5	Emergent Properties of Tactile Scenes Selectively Activate Barrel Cortex Neurons. <i>Neuron</i> , 2008, 60, 1112-1125.	8.1	63
6	Spatiotemporal Characteristics of Neuronal Sensory Integration in the Barrel Cortex of the Rat. <i>Journal of Neurophysiology</i> , 2005, 93, 1450-1467.	1.8	61
7	Acetylcholine-Dependent Induction and Expression of Functional Plasticity in the Barrel Cortex of the Adult Rat. <i>Journal of Neurophysiology</i> , 2001, 86, 422-437.	1.8	49
8	“Master” Neurons Induced by Operant Conditioning in Rat Motor Cortex during a Brain-Machine Interface Task. <i>Journal of Neuroscience</i> , 2013, 33, 8308-8320.	3.6	46
9	Bilateral Discrimination of Tactile Patterns without Whisking in Freely Running Rats. <i>Journal of Neuroscience</i> , 2017, 37, 7567-7579.	3.6	33
10	Representation of Tactile Scenes in the Rodent Barrel Cortex. <i>Neuroscience</i> , 2018, 368, 81-94.	2.3	29
11	Coding of Apparent Motion in the Thalamic Nucleus of the Rat Vibrissal Somatosensory System. <i>Journal of Neuroscience</i> , 2012, 32, 3339-3351.	3.6	21
12	Secondary Instabilities of Surface Waves on Viscous Fluids in the Faraday Instability. <i>Europhysics Letters</i> , 1995, 32, 313-318.	2.0	18
13	A fast intracortical brain-machine interface with patterned optogenetic feedback. <i>Journal of Neural Engineering</i> , 2018, 15, 046011.	3.5	18
14	Bidirectional control of a one-dimensional robotic actuator by operant conditioning of a single unit in rat motor cortex. <i>Frontiers in Neuroscience</i> , 2014, 8, 206.	2.8	16
15	Acetylcholine-dependent potentiation of temporal frequency representation in the barrel cortex does not depend on response magnitude during conditioning. <i>Journal of Physiology (Paris)</i> , 2003, 97, 431-439.	2.1	15
16	Continuity within the somatosensory cortical map facilitates learning. <i>Cell Reports</i> , 2022, 39, 110617.	6.4	5
17	Control of a robotic prosthesis simulation by a closed-loop intracortical brain-machine interface. , 2019, , .		1
18	Mechanical coupling through the skin affects whisker movements and tactile information encoding. <i>Journal of Neurophysiology</i> , 2019, 122, 1606-1622.	1.8	1

#	ARTICLE	IF	CITATIONS
19	S1 long-term plasticity. Scholarpedia Journal, 2012, 7, 7615.	0.3	1