

Greg Gage

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,541
citations

567281

15
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

2671
citing authors

#	ARTICLE	IF	CITATIONS
1	Gills Just Want to Have Fun: Can Fish Play Games, Just like Us?. <i>Animals</i> , 2022, 12, 1684.	2.3	3
2	Authentic Research Investigations of a Controversial Question. <i>American Biology Teacher</i> , 2021, 83, 222-228.	0.2	2
3	Neurorobotics Workshop for High School Students Promotes Competence and Confidence in Computational Neuroscience. <i>Frontiers in Neurorobotics</i> , 2020, 14, 6.	2.8	6
4	Developing and Implementing Low-Cost Remote Laboratories for Undergraduate Biology and Neuroscience Courses. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2020, 19, A118-A123.	0.0	1
5	The Case for Neuroscience Research in the Classroom. <i>Neuron</i> , 2019, 102, 914-917.	8.1	22
6	Grasshopper DCMD: An Undergraduate Electrophysiology Lab for Investigating Single-Unit Responses to Behaviorally-Relevant Stimuli. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2017, 15, A162-A173.	0.0	6
7	Open Labware: 3-D Printing Your Own Lab Equipment. <i>PLoS Biology</i> , 2015, 13, e1002086.	5.6	239
8	Portable conduction velocity experiments using earthworms for the college and high school neuroscience teaching laboratory. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 62-70.	1.6	32
9	Using crickets to introduce neurophysiology to early undergraduate students. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2013, 12, A66-74.	0.0	17
10	Surgical Implantation of Chronic Neural Electrodes for Recording Single Unit Activity and Electrocorticographic Signals. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	25
11	Whole Animal Perfusion Fixation for Rodents. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	358
12	Basal Ganglia Beta Oscillations Accompany Cue Utilization. <i>Neuron</i> , 2012, 73, 523-536.	8.1	252
13	The SpikerBox: A Low Cost, Open-Source BioAmplifier for Increasing Public Participation in Neuroscience Inquiry. <i>PLoS ONE</i> , 2012, 7, e30837.	2.5	68
14	Estimation of electrode location in a rat motor cortex by laminar analysis of electrophysiology and intracortical electrical stimulation. <i>Journal of Neural Engineering</i> , 2011, 8, 046018.	3.5	21
15	Development of Closed-Loop Neural Interface Technology in a Rat Model: Combining Motor Cortex Operant Conditioning With Visual Cortex Microstimulation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2010, 18, 117-126.	4.9	25
16	Local dynamics of gap-junction-coupled interneuron networks. <i>Physical Biology</i> , 2010, 7, 016015.	1.8	25
17	Selective Activation of Striatal Fast-Spiking Interneurons during Choice Execution. <i>Neuron</i> , 2010, 67, 466-479.	8.1	221
18	A small, light-weight, low-power, multichannel wireless neural recording microsystem. , 2009, 2009, 5413-6.		2

#	ARTICLE	IF	CITATIONS
19	Wavelet filtering before spike detection preserves waveform shape and enhances single-unit discrimination. <i>Journal of Neuroscience Methods</i> , 2008, 173, 34-40.	2.5	87
20	Development of Neural Interfaces for Chronic Use in Neuromotor Prosthetics. , 2007, , .		0
21	Linear Electrode Depth Estimation in Rat Motor Cortex by Laminar Analysis of Ketamine-Xylazine-Induced Oscillations. , 2007, , .		1
22	Laminar Characterization of Spiking Activity in the Rat Motor Cortex. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4735-8.	0.5	3
23	Decoding the Direction of Movements from Interneuron and Projection Cell Populations in the Basal Ganglia. , 2007, , .		0
24	Laminar Analysis of Movement Direction Information in Local Field Potentials of the Rat Motor Cortex. , 2006, 2006, 2589-92.		2
25	Laminar Analysis of Movement Direction Information in Local Field Potentials of the Rat Motor Cortex. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006, , .	0.5	0
26	Real-time Detection of Unitary Events For Cortical Control. , 2005, 2005, 2122-5.		0
27	Information Capacity of Brain Machine Interfaces. , 2005, 2005, 2110-3.		2
28	Na ⁺ -ve coadaptive cortical control. <i>Journal of Neural Engineering</i> , 2005, 2, 52-63.	3.5	94