

# Sergio E Lew

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

592  
citations

933447

10  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1102  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phosphatase CSW Controls Life Span by Insulin Signaling and Metabolism Throughout Adult Life in <i>Drosophila</i> . <i>Frontiers in Genetics</i> , 2020, 11, 364.	2.3	8
2	Repeating or spacing learning sessions are strategies for memory improvement with shared molecular and neuronal components. <i>Neurobiology of Learning and Memory</i> , 2020, 172, 107233.	1.9	2
3	A polydimethylsiloxane-based axicon lens for focused ultrasonic brain stimulation techniques. <i>Acoustical Science and Technology</i> , 2019, 40, 116-126.	0.5	7
4	Consistent Gradient of Performance and Decoding of Stimulus Type and Valence From Local and Network Activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 619-629.	4.9	11
5	Seizure localization using pre ictal phase-amplitude coupling in intracranial electroencephalography. <i>Scientific Reports</i> , 2019, 9, 20022.	3.3	23
6	Ultrasound Axicon: Systematic Approach to Optimize Focusing Resolution through Human Skull Bone. <i>Materials</i> , 2019, 12, 3433.	2.9	4
7	High mutual cooperation rates in rats learning reciprocal altruism: The role of payoff matrix. <i>PLoS ONE</i> , 2019, 14, e0204837.	2.5	8
8	A spherical treadmill system to train head-fixed adult rats. <i>Journal of Neuroscience Methods</i> , 2018, 297, 22-30.	2.5	1
9	Putative dopamine neurons in the ventral tegmental area enhance information coding in the prefrontal cortex. <i>Scientific Reports</i> , 2018, 8, 11740.	3.3	13
10	Spontaneous Fluctuations in Visual Cortical Responses Influence Population Coding Accuracy. <i>Cerebral Cortex</i> , 2017, 27, 1409-1427.	2.9	27
11	Cortical response states for enhanced sensory discrimination. <i>ELife</i> , 2017, 6, .	6.0	21
12	Efficient enhancement of information in the prefrontal cortex during the presence of reward predicting stimuli. <i>PLoS ONE</i> , 2017, 12, e0188579.	2.5	2
13	Rapid Prototyping of Pyramidal Structured Absorbers for Ultrasound. <i>Open Journal of Acoustics</i> , 2017, 07, 83-93.	0.3	6
14	Development of a Multilocus Sequence Typing scheme for the study of <i>Anaplasma marginale</i> population structure over space and time. <i>Infection, Genetics and Evolution</i> , 2015, 30, 186-194.	2.3	13
15	Dopamine Modulation of GABAergic Function Enables Network Stability and Input Selectivity for Sustaining Working Memory in a Computational Model of the Prefrontal Cortex. <i>Neuropsychopharmacology</i> , 2014, 39, 3067-3076.	5.4	27
16	State-dependent changes of connectivity patterns and functional brain network topology in autism spectrum disorder. <i>Neuropsychologia</i> , 2012, 50, 3653-3662.	1.6	66
17	A Computational Theory for the Learning of Equivalence Relations. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 113.	2.0	6
18	A big-world network in ASD: Dynamical connectivity analysis reflects a deficit in long-range connections and an excess of short-range connections. <i>Neuropsychologia</i> , 2011, 49, 254-263.	1.6	266

#	ARTICLE	IF	CITATIONS
19	A wavelet approach for on-line spike sorting in tetrode recordings. , 2010, 2010, 6662-5.		1
20	San Telmo: Being a Tourist in My Own City. IEEE Pulse, 2010, 1, 17-18.	0.3	1
21	Plasticity in the Rat Prefrontal Cortex: Linking Gene Expression and an Operant Learning with a Computational Theory. PLoS ONE, 2010, 5, e8656.	2.5	32
22	Differences in prefrontal and motor structures learning dynamics depend on task complexity: A neural network model. Neurocomputing, 2008, 71, 2782-2793.	5.9	8
23	Differential representation of sunflower ESTs in enriched organ-specific cDNA libraries in a small scale sequencing project. BMC Genomics, 2003, 4, 40.	2.8	38