

Jean Faber

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

513
citations

840776

11
h-index

713466

21
g-index

55
all docs

55
docs citations

55
times ranked

686
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Analysis of Tissue Preservation and Recording Quality from Chronic Multielectrode Implants. PLoS ONE, 2011, 6, e27554.	2.5	94
2	Cross-modal responses in the primary visual cortex encode complex objects and correlate with tactile discrimination. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15408-15413.	7.1	65
3	Information processing in brain microtubules. BioSystems, 2006, 83, 1-9.	2.0	38
4	Different patterns of epileptiform-like activity are generated in the sclerotic hippocampus from patients with drug-resistant temporal lobe epilepsy. Scientific Reports, 2018, 8, 7116.	3.3	35
5	Quantum models of the mind: Are they compatible with environment decoherence?. Physical Review E, 2004, 70, 031902.	2.1	34
6	L1-Penalized N-way PLS for subset of electrodes selection in BCI experiments. Journal of Neural Engineering, 2012, 9, 045010.	3.5	29
7	Morphometric variability of nicotinamide adenine dinucleotide phosphate diaphorase neurons in the primary sensory areas of the rat. Neuroscience, 2012, 205, 140-153.	2.3	26
8	Resistance Exercise Decreases Amyloid Load and Modulates Inflammatory Responses in the APP/PS1 Mouse Model for Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 73, 1525-1539.	2.6	25
9	Evaluation of the articular cartilage in the knees of rats with induced arthritis treated with curcumin. PLoS ONE, 2020, 15, e0230228.	2.5	23
10	Self-organization of in vitro neuronal assemblies drives to complex network topology. ELife, 0, 11, .	6.0	19
11	Cardiovascular alterations in rats with Parkinsonism induced by 6-OHDA and treated with Domperidone. Scientific Reports, 2019, 9, 8965.	3.3	16
12	Association of Weight-Adjusted Caffeine and β -Blocker Use With Ophthalmology Fellow Performance During Simulated Vitreoretinal Microsurgery. JAMA Ophthalmology, 2020, 138, 819.	2.5	13
13	An Efficient Approach to Define the Input Stimuli to Suppress Epileptic Seizures Described by the Epileptor Model. International Journal of Neural Systems, 2020, 30, 2050062.	5.2	10
14	Distribution and Morphology of Calcium-Binding Proteins Immunoreactive Neurons following Chronic Tungsten Multielectrode Implants. PLoS ONE, 2015, 10, e0130354.	2.5	8
15	Modulation in phase and frequency of neural oscillations during epileptiform activity induced by neonatal Zika virus infection in mice. Scientific Reports, 2020, 10, 6763.	3.3	8
16	Pattern of sympathetic vasomotor activity induced by GABAergic inhibition in the brain and spinal cord. Pharmacological Reports, 2020, 72, 67-79.	3.3	7
17	¹ H-NMR-Based salivary metabolomics from females with temporomandibular disorders "A pilot study. Clinica Chimica Acta, 2020, 510, 625-632.	1.1	7
18	Quantum games in open systems using biophysical Hamiltonians. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 357, 433-437.	2.1	6

#	ARTICLE	IF	CITATIONS
19	Enhanced use practices in SSVEP-based BCIs using an analytical approach of canonical correlation analysis. <i>Biomedical Signal Processing and Control</i> , 2020, 55, 101644.	5.7	5
20	Rehabilitation of People With Chronic Spinal Cord Injury Using a Laparoscopically Implanted Neurostimulator: Impact on Mobility and Urinary, Anorectal, and Sexual Functions. <i>Neuromodulation</i> , 2022, , .	0.8	5
21	Partial protective effects of cannabidiol against PTZ-induced acute seizures in female rats during the proestrus estrus transition. <i>Epilepsy and Behavior</i> , 2022, 129, 108615.	1.7	5
22	The Potential Role of Previous Physical Exercise Program to Reduce Seizure Susceptibility: A Systematic Review and Meta-Analysis of Animal Studies. <i>Frontiers in Neurology</i> , 2021, 12, 771123.	2.4	5
23	Chaotic and stochastic dynamics of epileptiform-like activities in sclerotic hippocampus resected from patients with pharmacoresistant epilepsy. <i>PLoS Computational Biology</i> , 2022, 18, e1010027.	3.2	5
24	Burster Reconstruction Considering Unmeasurable Variables in the Epileptor Model. <i>Neural Computation</i> , 2021, 33, 3288-3333.	2.2	4
25	A Spontaneous Physics Philosophy on the Concept of Ether Throughout the History of Science: Birth, Death and Revival. <i>Foundations of Science</i> , 2013, 18, 559-577.	0.7	3
26	Atypical electrophysiological and behavioral responses to diazepam in a leading mouse model of Down syndrome. <i>Scientific Reports</i> , 2021, 11, 9521.	3.3	3
27	Critical Elements for Connectivity Analysis of Brain Networks. <i>Brain Informatics and Health</i> , 2020, , 67-107.	0.4	3
28	Classification of multi-modal data in a self-paced binary BCI in freely moving animals. , 2011, 2011, 7147-50.		2
29	Behavioral, electrophysiological and neuropathological characteristics of the occurrence of hypertension in pregnant rats. <i>Scientific Reports</i> , 2019, 9, 4051.	3.3	2
30	Constructivism and Realism in Boltzmann's Thermodynamics Atomism. <i>Foundations of Physics</i> , 2020, 50, 1270-1293.	1.3	2
31	Cardiac and Autonomic Dysfunctions Assessed Through Recurrence Quantitative Analysis of Electrocardiogram Signals and an Application to the 6-Hydroxydopamine Parkinson's Disease Animal Model. <i>Frontiers in Physiology</i> , 2021, 12, 725218.	2.8	2
32	c-Fos immunoreactivity and variation of neuronal units in rat's motor cortex after chronic implants. , 2014, , .		1
33	Improved Mobility, Urinary, Anorectal and Sexual Function in People With Chronic Spinal Cord Injury With a Laparoscopically-Implanted Neurostimulator. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
34	Amazon rainforest rodents (<i>Proechimys</i>) are resistant to post-stroke epilepsy. <i>Scientific Reports</i> , 2021, 11, 16780.	3.3	1
35	Estimating the Parameters of the Epileptor Model for Epileptic Seizure Suppression. <i>Neuroinformatics</i> , 2022, 20, 919-941.	2.8	1
36	Time Scale Analysis of Neuronal Ensemble Data Used to Feed Neural Network Models. , 2012, , 179-198.		0

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37	Computational Models for the Propagation of Spreading Depression Waves. Communications in Computer and Information Science, 2017, , 49-60.	0.5	0
38	Technical note " Corrigendum to "c-fos immunoreactivity and variation of neuronal units in rat's motor cortex after chronic implants", 2017, , .		0
39	Women with temporomandibular disorders: Untargeted proton nuclear magnetic resonance spectroscopy-based metabolomics of saliva and psychological instruments dataset. Data in Brief, 2021, 34, 106677.	1.0	0
40	Viés Cognitivo: Quando Ser Racional Não é o Bastante / Cognitive Bias: When Being Rational Is Not Enough. Revista Ciências Em Saude, 2015, 4, 2-8.	0.0	0
41	Can We Induce a Cognitive Representation of a Prosthetic Arm by Means of Crossmodal Stimuli?. Advances in Media, Entertainment and the Arts, 2017, , 182-204.	0.1	0
42	Can We Induce a Cognitive Representation of a Prosthetic Arm by Means of Crossmodal Stimuli?. , 2020, , 1653-1674.		0
43	Pattern of sympathetic vasomotor activity induced by GABAergic inhibition in the brain and spinal cord. FASEB Journal, 2020, 34, 1-1.	0.5	0
44	Title is missing!. , 2020, 15, e0230228.		0
45	Title is missing!. , 2020, 15, e0230228.		0
46	Title is missing!. , 2020, 15, e0230228.		0
47	Title is missing!. , 2020, 15, e0230228.		0
48	Intra-articular human deciduous dental pulp stem cell administration vs. pharmacological therapy in experimental osteoarthritis rat model. European Review for Medical and Pharmacological Sciences, 2021, 25, 3546-3556.	0.7	0