

# 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	Estimating the Parameters of the Epileptor Model for Epileptic Seizure Suppression. <i>Neuroinformatics</i> , 2022, 20, 919-941.	2.8	1
2	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
3	Partial protective effects of cannabidiol against PTZ-induced acute seizures in female rats during the proestrusâ€“estrus transition. <i>Epilepsy and Behavior</i> , 2022, 129, 108615.	1.7	5
4	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
5	Women with temporomandibular disorders: Untargeted proton nuclear magnetic resonance spectroscopy-based metabolomics of saliva and psychological instruments dataset. <i>Data in Brief</i> , 2021, 34, 106677.	1.0	0
6	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
7	Amazon rainforest rodents ( <i>Proechimys</i> ) are resistant to post-stroke epilepsy. <i>Scientific Reports</i> , 2021, 11, 16780.	3.3	1
8	Burster Reconstruction Considering Unmeasurable Variables in the Epileptor Model. <i>Neural Computation</i> , 2021, 33, 3288-3333.	2.2	4
9	Cardiac and Autonomic Dysfunctions Assessed Through Recurrence Quantitative Analysis of Electrocardiogram Signals and an Application to the 6-Hydroxydopamine Parkinsonâ€™s Disease Animal Model. <i>Frontiers in Physiology</i> , 2021, 12, 725218.	2.8	2
10	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
11	Intra-articular human deciduous dental pulp stem cell administration vs. pharmacological therapy in experimental osteoarthritis rat model. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 3546-3556.	0.7	0
12	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
13	Pattern of sympathetic vasomotor activity induced by GABAergic inhibition in the brain and spinal cord. <i>Pharmacological Reports</i> , 2020, 72, 67-79.	3.3	7
14	Modulation in phase and frequency of neural oscillations during epileptiform activity induced by neonatal Zika virus infection in mice. <i>Scientific Reports</i> , 2020, 10, 6763.	3.3	8
15	Constructivism and Realism in Boltzmannâ€™s Thermodynamicsâ€™ Atomism. <i>Foundations of Physics</i> , 2020, 50, 1270-1293.	1.3	2
16	<sup>1</sup> H-NMR-Based salivary metabolomics from females with temporomandibular disorders â€“ A pilot study. <i>Clinica Chimica Acta</i> , 2020, 510, 625-632.	1.1	7
17	An Efficient Approach to Define the Input Stimuli to Suppress Epileptic Seizures Described by the Epileptor Model. <i>International Journal of Neural Systems</i> , 2020, 30, 2050062.	5.2	10
18	Association of Weight-Adjusted Caffeine and $\beta$ -Blocker Use With Ophthalmology Fellow Performance During Simulated Vitreoretinal Microsurgery. <i>JAMA Ophthalmology</i> , 2020, 138, 819.	2.5	13

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19	Evaluation of the articular cartilage in the knees of rats with induced arthritis treated with curcumin. PLoS ONE, 2020, 15, e0230228.	2.5	23
20	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
21	Critical Elements for Connectivity Analysis of Brain Networks. Brain Informatics and Health, 2020, , 67-107.	0.4	3
22	Can We Induce a Cognitive Representation of a Prosthetic Arm by Means of Crossmodal Stimuli?. , 2020, , 1653-1674.		0
23	Pattern of sympathetic vasomotor activity induced by GABAergic inhibition in the brain and spinal cord. FASEB Journal, 2020, 34, 1-1.	0.5	0
24	Title is missing!. , 2020, 15, e0230228.		0
25	Title is missing!. , 2020, 15, e0230228.		0
26	Title is missing!. , 2020, 15, e0230228.		0
27	Title is missing!. , 2020, 15, e0230228.		0
28	Cardiovascular alterations in rats with Parkinsonism induced by 6-OHDA and treated with Domperidone. Scientific Reports, 2019, 9, 8965.	3.3	16
29	Behavioral, electrophysiological and neuropathological characteristics of the occurrence of hypertension in pregnant rats. Scientific Reports, 2019, 9, 4051.	3.3	2
30	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
31	Computational Models for the Propagation of Spreading Depression Waves. Communications in Computer and Information Science, 2017, , 49-60.	0.5	0
32	Technical note " Corrigendum to "c-fos immunoreactivity and variation of neuronal units in rat's motor cortex after chronic implants", 2017, , .		0
33	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
34	Distribution and Morphology of Calcium-Binding Proteins Immunoreactive Neurons following Chronic Tungsten Multielectrode Implants. PLoS ONE, 2015, 10, e0130354.	2.5	8
35	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
36	c-Fos immunoreactivity and variation of neuronal units in rat's motor cortex after chronic implants. , 2014, , .		1

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37	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
38	L1-Penalized N-way PLS for subset of electrodes selection in BCI experiments. <i>Journal of Neural Engineering</i> , 2012, 9, 045010.	3.5	29
39	Morphometric variability of nicotinamide adenine dinucleotide phosphate diaphorase neurons in the primary sensory areas of the rat. <i>Neuroscience</i> , 2012, 205, 140-153.	2.3	26
40	Time Scale Analysis of Neuronal Ensemble Data Used to Feed Neural Network Models. , 2012, , 179-198.		0
41	Classification of multi-modal data in a self-paced binary BCI in freely moving animals. , 2011, 2011, 7147-50.		2
42	Comprehensive Analysis of Tissue Preservation and Recording Quality from Chronic Multielectrode Implants. <i>PLoS ONE</i> , 2011, 6, e27554.	2.5	94
43	Cross-modal responses in the primary visual cortex encode complex objects and correlate with tactile discrimination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15408-15413.	7.1	65
44	Information processing in brain microtubules. <i>BioSystems</i> , 2006, 83, 1-9.	2.0	38
45	Quantum games in open systems using biophysical Hamiltonians. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 357, 433-437.	2.1	6
46	Quantum models of the mind: Are they compatible with environment decoherence?. <i>Physical Review E</i> , 2004, 70, 031902.	2.1	34
47	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
48	Self-organization of in vitro neuronal assemblies drives to complex network topology. <i>ELife</i> , 0, 11, .	6.0	19