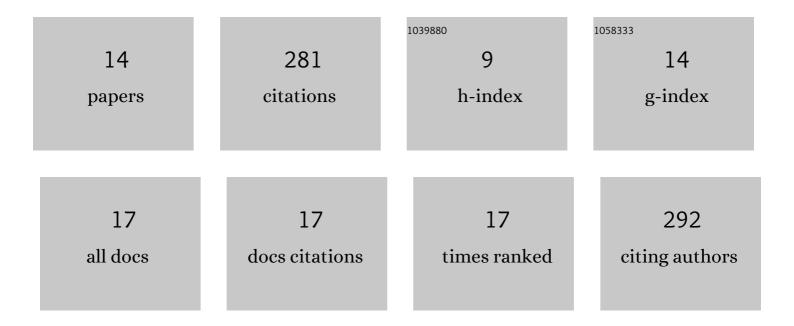
## Francisco Naveros Arrabal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9196205/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Computational epidemiology study of homeostatic compensation during sensorimotor aging. Neural Networks, 2022, 146, 316-333.	3.3	3
2	On Robot Compliance: A Cerebellar Control Approach. IEEE Transactions on Cybernetics, 2021, 51, 2476-2489.	6.2	23
3	A cerebellar-based solution to the nondeterministic time delay problem in robotic control. Science Robotics, 2021, 6, eabf2756.	9.9	22
4	VOR Adaptation on a Humanoid iCub Robot Using a Spiking Cerebellar Model. IEEE Transactions on Cybernetics, 2020, 50, 4744-4757.	6.2	24
5	A Basal Ganglia Computational Model to Explain the Paradoxical Sensorial Improvement in the Presence of Huntington's Disease. International Journal of Neural Systems, 2020, 30, 2050057.	3.2	2
6	Spike burst-pause dynamics of Purkinje cells regulate sensorimotor adaptation. PLoS Computational Biology, 2019, 15, e1006298.	1.5	20
7	Exploring Vestibulo-Ocular Adaptation in a Closed-Loop Neuro-Robotic Experiment Using STDP. A Simulation Study. , 2018, , .		1
8	A Metric for Evaluating Neural Input Representation in Supervised Learning Networks. Frontiers in Neuroscience, 2018, 12, 913.	1.4	5
9	Event- and Time-Driven Techniques Using Parallel CPU-GPU Co-processing for Spiking Neural Networks. Frontiers in Neuroinformatics, 2017, 11, 7.	1.3	23
10	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 2. BMC Neuroscience, 2017, 18, .	0.8	7
11	Distributed Cerebellar Motor Learning: A Spike-Timing-Dependent Plasticity Model. Frontiers in Computational Neuroscience, 2016, 10, 17.	1.2	37
12	Spiking Neural Network With Distributed Plasticity Reproduces Cerebellar Learning in Eye Blink Conditioning Paradigms. IEEE Transactions on Biomedical Engineering, 2016, 63, 210-219.	2.5	47
13	A Spiking Neural Simulator Integrating Event-Driven and Time-Driven Computation Schemes Using Parallel CPU-GPU Co-Processing: A Case Study. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1567-1574.	7.2	46
14	Integrated neural and robotic simulations. Simulation of cerebellar neurobiological substrate for an object-oriented dynamic model abstraction process. Robotics and Autonomous Systems, 2014, 62, 1702-1716.	3.0	13