

# Francisco Naveros Arrabal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9196205/publications.pdf>

Version: 2024-02-01

14  
papers

281  
citations

1039880

9  
h-index

1058333

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational epidemiology study of homeostatic compensation during sensorimotor aging. <i>Neural Networks</i> , 2022, 146, 316-333.	3.3	3
2	On Robot Compliance: A Cerebellar Control Approach. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 2476-2489.	6.2	23
3	A cerebellar-based solution to the nondeterministic time delay problem in robotic control. <i>Science Robotics</i> , 2021, 6, eabf2756.	9.9	22
4	VOR Adaptation on a Humanoid iCub Robot Using a Spiking Cerebellar Model. <i>IEEE Transactions on Cybernetics</i> , 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. <i>International Journal of Neural Systems</i> , 2020, 30, 2050057.	3.2	2
6	Spike burst-pause dynamics of Purkinje cells regulate sensorimotor adaptation. <i>PLoS Computational Biology</i> , 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. <i>Frontiers in Neuroscience</i> , 2018, 12, 913.	1.4	5
9	Event- and Time-Driven Techniques Using Parallel CPU-GPU Co-processing for Spiking Neural Networks. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 7.	1.3	23
10	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 2. <i>BMC Neuroscience</i> , 2017, 18, .	0.8	7
11	Distributed Cerebellar Motor Learning: A Spike-Timing-Dependent Plasticity Model. <i>Frontiers in Computational Neuroscience</i> , 2016, 10, 17.	1.2	37
12	Spiking Neural Network With Distributed Plasticity Reproduces Cerebellar Learning in Eye Blink Conditioning Paradigms. <i>IEEE Transactions on Biomedical Engineering</i> , 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. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 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. <i>Robotics and Autonomous Systems</i> , 2014, 62, 1702-1716.	3.0	13