Paula Sanz-Leon

List of Publications by Year
in descending order

16	827	1464605 7	1113639 15
papers	citations	h-index	g-index

21	21	21	1280
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Risk of sustained SARS-CoV-2 transmission in Queensland, Australia. Scientific Reports, 2022, 12, 6309.	1.6	5
2	ADHD symptoms map onto noise-driven structureâ€“function decoupling between hub and peripheral brain regions. Molecular Psychiatry, 2021, 26, 4036-4045.	4.1	19
3	Gamma-band correlations in the primary visual cortex. Physical Review E, 2020, 101, 042406.	0.8	1
4	Effects of physiological parameter evolution on the dynamics of tonic-clonic seizures. PLoS ONE, 2020, 15, e0230510.	1.1	2
5	Unified dynamics of interictal events and absence seizures. Physical Review E, 2019, 100, 022407.	0.8	6
6	Emergent dynamics of neuromorphic nanowire networks. Scientific Reports, 2019, 9, 14920.	1.6	93
7	Emergent brain-like complexity from nanowire atomic switch networks: Towards neuromorphic synthetic intelligence. , 2018, , .		9
8	Spiking patterns and synchronization of thalamic neurons along the sleep-wake cycle. Chaos, 2018, 28, 106314.	1.0	11
9	NFTsim: Theory and Simulation of Multiscale Neural Field Dynamics. PLoS Computational Biology, 2018, 14, e1006387.	1.5	25
10	Spectrum of connectivity fluctuations including the effect of activity-dependent feedback. Physical Review E, 2018, 98, 022319.	0.8	1
11	Dependence of absence seizure dynamics on physiological parameter evolution. Journal of Theoretical Biology, 2018, 454, 11-21.	0.8	6
12	Multistability in the corticothalamic system. Journal of Theoretical Biology, 2017, 432, 141-156.	0.8	4
13	Spectral signatures of activity-dependent neural feedback in the corticothalamic system. Physical Review E, 2017, 96, 052310.	0.8	3
14	Mathematical framework for large-scale brain network modeling in The Virtual Brain. NeuroImage, 2015, 111, 385-430.	2.1	274
15	Integrating neuroinformatics tools in TheVirtualBrain. Frontiers in Neuroinformatics, 2014, 8, 36.	1.3	26
16	The Virtual Brain: a simulator of primate brain network dynamics. Frontiers in Neuroinformatics, 2013, 7, 10.	1.3	338