Viktor Sip

List of Publications by Year
in descending order

9 papers	213 citations	1684188 5 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	195 citing authors

#	Article	IF	Citations
1	The Bayesian Virtual Epileptic Patient: A probabilistic framework designed to infer the spatial map of epileptogenicity in a personalized large-scale brain model of epilepsy spread. NeuroImage, 2020, 217, 116839.	4.2	75
2	Data-driven method to infer the seizure propagation patterns in an epileptic brain from intracranial electroencephalography. PLoS Computational Biology, 2021, 17, e1008689.	3.2	31
3	VEP atlas: An anatomic and functional human brain atlas dedicated to epilepsy patients. Journal of Neuroscience Methods, 2021, 348, 108983.	2.5	28
4	On the influence of prior information evaluated by fully Bayesian criteria in a personalized whole-brain model of epilepsy spread. PLoS Computational Biology, 2021, 17, e1009129.	3.2	25
5	Identifying spatio-temporal seizure propagation patterns in epilepsy using Bayesian inference. Communications Biology, 2021, 4, 1244.	4.4	18
6	Evidence for spreading seizure as a cause of theta-alpha activity electrographic pattern in stereo-EEG seizure recordings. PLoS Computational Biology, 2021, 17, e1008731.	3.2	8
7	Computational modeling of seizure spread on a cortical surface. Journal of Computational Neuroscience, 2022, 50, 17-31.	1.0	8
8	Dry deposition model for a microscale aerosol dispersion solver based on the moment method. Journal of Aerosol Science, 2017, 107, 107-122.	3.8	5
9	Modelling the Effects of a Vegetation Barrier on Road Dust Dispersion. Applied Mechanics and Materials, 0, 821, 105-112.	0.2	4