Sebastian S James

List of Publications by Year
in descending order

12	196	1478505	1372567
papers	citations	6	10
		h-index	g-index

16	16	16	241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological action at a distance: Correlated pattern formation in adjacent tessellation domains without communication. PLoS Computational Biology, 2022, 18, e1009963.	3.2	1
2	Linear System Identification Versus Physical Modeling of Lateral–Longitudinal Vehicle Dynamics. IEEE Transactions on Control Systems Technology, 2021, 29, 1380-1387.	5.2	23
3	Longitudinal Vehicle Dynamics: A Comparison of Physical and Data-Driven Models Under Large-Scale Real-World Driving Conditions. IEEE Access, 2020, 8, 73714-73729.	4.2	19
4	Modelling the emergence of whisker barrels. ELife, 2020, 9, .	6.0	4
5	Limit cycle dynamics can guide the evolution of gene regulatory networks towards point attractors. Scientific Reports, 2019, 9, 16750.	3.3	2
6	Building a Spiking Neural Network Model of the Basal Ganglia on SpiNNaker. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 823-836.	3.8	24
7	Linear System Identification of Longitudinal Vehicle Dynamics Versus Nonlinear Physical Modelling. , 2018, , .		9
8	Integrating Brain and Biomechanical Models—A New Paradigm for Understanding Neuro-muscular Control. Frontiers in Neuroscience, 2018, 12, 39.	2.8	8
9	SpineCreator: a Graphical User Interface for the Creation of Layered Neural Models. Neuroinformatics, 2017, 15, 25-40.	2.8	14
10	Target-distractor synchrony affects performance in a novel motor task for studying action selection. PLoS ONE, 2017, 12, e0176945.	2.5	1
11	Vortex Configurations, Matching, and Domain Structure in Large Arrays of Artificial Pinning Centers. Physical Review Letters, 2002, 88, 067003.	7.8	87
12	Parallel prefix scan for the computation of axonal projection patterns in biological neural networks. , 0, , .		0