

Kevin Scott Brown

List of Publications by Year in descending order

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32
papers

2,693
citations

471509
17
h-index

434195
31
g-index

38
all docs

38
docs citations

38
times ranked

3812
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Sea Surface Physical Processes in Mixed-Layer Temperature Changes During Summer Marine Heat Waves in the Chile-Peru Current System. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	2
2	Prediction-Based Learning and Processing of Event Knowledge. <i>Topics in Cognitive Science</i> , 2021, 13, 206-223.	1.9	14
3	Regioselective Synthesis of 1,2,3,4-Tetrasubstituted Arenes by Vicinal Functionalization of Arynes Derived from Aryl(Mes)iodonium Salts**. <i>Chemistry - A European Journal</i> , 2021, 27, 7168-7175.	3.3	21
4	Structured patterns of activity in pulse-coupled oscillator networks with varied connectivity. <i>PLoS ONE</i> , 2021, 16, e0256034.	2.5	3
5	Gene Expression Profiling of Skeletal Muscles. <i>Genes</i> , 2021, 12, 1718.	2.4	4
6	EARSHOT: A Minimal Neural Network Model of Incremental Human Speech Recognition. <i>Cognitive Science</i> , 2020, 44, e12823.	1.7	37
7	Regional Structure in the Marine Heat Wave of Summer 2015 Off the Western United States. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	21
8	Isotopic Evidence for the Evolution of Subsurface Nitrate in the Western Equatorial Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1684-1707.	2.6	19
9	Monomerization of far-red fluorescent proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11294-E11301.	7.1	24
10	Universal Features in Phonological Neighbor Networks. <i>Entropy</i> , 2018, 20, 526.	2.2	5
11	When attention wanders: Pupillometric signatures of fluctuations in external attention. <i>Cognition</i> , 2017, 168, 16-26.	2.2	95
12	An algorithm for separation of mixed sparse and Gaussian sources. <i>PLoS ONE</i> , 2017, 12, e0175775.	2.5	6
13	Perspective: Sloppiness and emergent theories in physics, biology, and beyond. <i>Journal of Chemical Physics</i> , 2015, 143, 010901.	3.0	224
14	Linking kinematic characteristics and high concentrations of small pelagic fish in a coastal mesoscale eddy. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 100, 34-47.	1.4	13
15	Structurally-Constrained Relationships between Cognitive States in the Human Brain. <i>PLoS Computational Biology</i> , 2014, 10, e1003591.	3.2	86
16	Model sensitivity and robustness in the estimation of larval transport: A study of particle tracking parameters. <i>Journal of Marine Systems</i> , 2013, 119-120, 19-29.	2.1	68
17	Reproducible paired sources from concurrent EEG-fMRI data using BICAR. <i>Journal of Neuroscience Methods</i> , 2013, 219, 205-219.	2.5	4
18	Escaping the here and now: Evidence for a role of the default mode network in perceptually decoupled thought. <i>NeuroImage</i> , 2013, 69, 120-125.	4.2	104

#	ARTICLE	IF	CITATIONS
19	Driver of discontent or escape vehicle: the affective consequences of mindwandering. <i>Frontiers in Psychology</i> , 2013, 4, 477.	2.1	34
20	Insulation for Daydreams: A Role for Tonic Norepinephrine in the Facilitation of Internally Guided Thought. <i>PLoS ONE</i> , 2012, 7, e33706.	2.5	62
21	BICAR: A New Algorithm for Multiresolution Spatiotemporal Data Fusion. <i>PLoS ONE</i> , 2012, 7, e50268.	2.5	5
22	Pupillometric Evidence for the Decoupling of Attention from Perceptual Input during Offline Thought. <i>PLoS ONE</i> , 2011, 6, e18298.	2.5	214
23	Architectural constraints on learning and memory function. <i>BMC Neuroscience</i> , 2011, 12, .	1.9	1
24	Structural drivers of function in information processing networks. , 2011, , .		0
25	Learning, Memory, and the Role of Neural Network Architecture. <i>PLoS Computational Biology</i> , 2011, 7, e1002063.	3.2	41
26	Validation of Coevolving Residue Algorithms via Pipeline Sensitivity Analysis: ELSC and OMES and ZNMI, Oh My!. <i>PLoS ONE</i> , 2010, 5, e10779.	2.5	31
27	Improving human brain mapping via joint inversion of brain electrodynamics and the BOLD signal. <i>NeuroImage</i> , 2010, 49, 2401-2415.	4.2	15
28	Universally Sloppy Parameter Sensitivities in Systems Biology Models. <i>PLoS Computational Biology</i> , 2007, 3, e189.	3.2	1,026
29	Sloppy-Model Universality Class and the Vandermonde Matrix. <i>Physical Review Letters</i> , 2006, 97, 150601.	7.8	111
30	Universally Sloppy Parameter Sensitivities in Systems Biology Models. <i>PLoS Computational Biology</i> , 2005, preprint, e189.	3.2	3
31	Bayesian Ensemble Approach to Error Estimation of Interatomic Potentials. <i>Physical Review Letters</i> , 2004, 93, 165501.	7.8	95
32	Statistical mechanical approaches to models with many poorly known parameters. <i>Physical Review E</i> , 2003, 68, 021904.	2.1	299