Austin J. Brockmeier

List of Publications by Year
in descending order

44 papers	994 citations	687363 13 h-index	713466 21 g-index
45 all docs	45 docs citations	45 times ranked	1258 citing authors

#	Article	IF	Citations
1	Using text mining for study identification in systematic reviews: a systematic review of current approaches. Systematic Reviews, 2015, 4, 5.	5.3	345
2	Prioritising references for systematic reviews with RobotAnalyst: A user study. Research Synthesis Methods, 2018, 9, 470-488.	8.7	77
3	Text Mining the History of Medicine. PLoS ONE, 2016, 11, e0144717.	2.5	47
4	Text mining resources for the life sciences. Database: the Journal of Biological Databases and Curation, 2016, 2016, .	3.0	44
5	Neural Decoding with Kernel-Based Metric Learning. Neural Computation, 2014, 26, 1080-1107.	2.2	34
6	Enriching news events with meta-knowledge information. Language Resources and Evaluation, 2017, 51, 409-438.	2.7	33
7	A semi-supervised approach using label propagation to support citation screening. Journal of Biomedical Informatics, 2017, 72, 67-76.	4.3	31
8	Learning Recurrent Waveforms Within EEGs. IEEE Transactions on Biomedical Engineering, 2016, 63, 43-54.	4.2	28
9	Eliciting naturalistic cortical responses with a sensory prosthesis via optimized microstimulation. Journal of Neural Engineering, 2016, 13, 056007.	3.5	24
10	Improving reference prioritisation with PICO recognition. BMC Medical Informatics and Decision Making, 2019, 19, 256.	3.0	22
11	Reinforcement Learning in Video Games Using Nearest Neighbor Interpolation and Metric Learning. IEEE Transactions on Games, 2016, 8, 56-66.	1.4	18
12	A Text Mining Pipeline Using Active and Deep Learning Aimed at Curating Information in Computational Neuroscience. Neuroinformatics, 2019, 17, 391-406.	2.8	17
13	A Tensor-Product-Kernel Framework for Multiscale Neural Activity Decoding and Control. Computational Intelligence and Neuroscience, 2014, 2014, 1-16.	1.7	12
14	An Electric Field Model for Prediction of Somatosensory (S1) Cortical Field Potentials Induced by Ventral Posterior Lateral (VPL) Thalamic Microstimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 161-169.	4.9	10
15	Information-theoretic metric learning: 2-D linear projections of neural data for visualization. , 2013, 2013, 5586-9.		10
16	Optimizing microstimulation using a reinforcement learning framework. , 2011, 2011, 1069-72.		9
17	Representing and decomposing neural potential signals. Current Opinion in Neurobiology, 2015, 31, 13-17.	4.2	9
18	Self-Tuned Descriptive Document Clustering Using a Predictive Network. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1929-1942.	5.7	8

#	Article	IF	Citations
19	Locating spatial patterns of waveforms during sensory perception in scalp EEG. , 2012, 2012, 2531-4.		7
20	A Graduated Non-Convexity Relaxation for Large Scale Seriation. , 2017, , 462-470.		7
21	Women's health in <i>The BMJ</i>: a data science history. BMJ Open, 2020, 10, e039759.	1.9	7
22	Evaluating dependence in spike train metric spaces. , 2011, , .		6
23	An Association Framework to Analyze Dependence Structure in Time Series. , 2012, 2012, 6176-9.		6
24	A greedy algorithm for model selection of tensor decompositions. , 2013, , .		5
25	Subspace matching thalamic microstimulation to tactile evoked potentials in rat somatosensory cortex. , 2012, 2012, 2957-60.		4
26	Decoding Algorithms for Brain–Machine Interfaces. , 2013, , 223-257.		4
27	Joint optimization of algorithmic suites for EEG analysis. , 2014, 2014, 2997-3000.		4
28	Latent state visualization of neural firing rates. , 2011, , .		3
29	Projentropy: Using entropy to optimize spatial projections. , 2014, , .		3
30	Quantifying risk factors in medical reports with a context-aware linear model. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 537-546.	4.4	3
31	Circular object arrangement using spherical embeddings. Pattern Recognition, 2020, 103, 107192.	8.1	3
32	Spatio-temporal clustering of firing rates for neural state estimation. , 2010, 2010, 6023-6.		2
33	A metric approach toward point process divergence. , 2011, , .		2
34	Semantically enhanced search system for historical medical archives. , 2015, , .		2
35	Continuation methods for approximate large scale object sequencing. Machine Learning, 2019, 108, 595-626.	5.4	2
36	Distributed Document and Phrase Co-embeddings for Descriptive Clustering. , 2017, , .		2

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37	Efficient temporal decomposition of local field potentials. , 2011, , .		1
38	Learning multiscale neural metrics via entropy minimization. , 2013, , .		1
39	Explicit versus implicit source estimation for blind multiple input single output system identification. , 2015, , .		1
40	Towards closed-loop brain-machine experiments across wide-area networks. , 2011, , .		0
41	An information-theoretic approach to motor action decoding with a reconfigurable parallel architecture. , 2011, 2011, 4621-4.		0
42	Local and Sparse Linear Causal Models for fMRI Resting-State Signals. , 2021, , .		0
43	Searching for waveforms on spatially-filtered epileptic ECoG. , 2021, , .		0
44	Shift-invariant waveform learning on epileptic ECoG. , 2021, 2021, 1136-1139.		0