

Austin J. Brockmeier

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

994
citations

686830

13
h-index

713013

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. <i>Systematic Reviews</i> , 2015, 4, 5.	2.5	345
2	Prioritising references for systematic reviews with RobotAnalyst: A user study. <i>Research Synthesis Methods</i> , 2018, 9, 470-488.	4.2	77
3	Text Mining the History of Medicine. <i>PLoS ONE</i> , 2016, 11, e0144717.	1.1	47
4	Text mining resources for the life sciences. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, .	1.4	44
5	Neural Decoding with Kernel-Based Metric Learning. <i>Neural Computation</i> , 2014, 26, 1080-1107.	1.3	34
6	Enriching news events with meta-knowledge information. <i>Language Resources and Evaluation</i> , 2017, 51, 409-438.	1.8	33
7	A semi-supervised approach using label propagation to support citation screening. <i>Journal of Biomedical Informatics</i> , 2017, 72, 67-76.	2.5	31
8	Learning Recurrent Waveforms Within EEGs. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 43-54.	2.5	28
9	Eliciting naturalistic cortical responses with a sensory prosthesis via optimized microstimulation. <i>Journal of Neural Engineering</i> , 2016, 13, 056007.	1.8	24
10	Improving reference prioritisation with PICO recognition. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 256.	1.5	22
11	Reinforcement Learning in Video Games Using Nearest Neighbor Interpolation and Metric Learning. <i>IEEE Transactions on Games</i> , 2016, 8, 56-66.	1.7	18
12	A Text Mining Pipeline Using Active and Deep Learning Aimed at Curating Information in Computational Neuroscience. <i>Neuroinformatics</i> , 2019, 17, 391-406.	1.5	17
13	A Tensor-Product-Kernel Framework for Multiscale Neural Activity Decoding and Control. <i>Computational Intelligence and Neuroscience</i> , 2014, 2014, 1-16.	1.1	12
14	An Electric Field Model for Prediction of Somatosensory (S1) Cortical Field Potentials Induced by Ventral Posterior Lateral (VPL) Thalamic Microstimulation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2012, 20, 161-169.	2.7	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. <i>Current Opinion in Neurobiology</i> , 2015, 31, 13-17.	2.0	9
18	Self-Tuned Descriptive Document Clustering Using a Predictive Network. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018, 30, 1929-1942.	4.0	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.	0.8	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.	2.2	3
31	Circular object arrangement using spherical embeddings. Pattern Recognition, 2020, 103, 107192.	5.1	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.	3.4	2
36	Distributed Document and Phrase Co-embeddings for Descriptive Clustering. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
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