

# Austin J Brockmeier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10618336/publications.pdf>

Version: 2024-02-01

26  
papers

326  
citations

1040056

9  
h-index

1199594

12  
g-index

26  
all docs

26  
docs citations

26  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prioritising references for systematic reviews with RobotAnalyst: A user study. <i>Research Synthesis Methods</i> , 2018, 9, 470-488.	8.7	77
2	Neural Decoding with Kernel-Based Metric Learning. <i>Neural Computation</i> , 2014, 26, 1080-1107.	2.2	34
3	A semi-supervised approach using label propagation to support citation screening. <i>Journal of Biomedical Informatics</i> , 2017, 72, 67-76.	4.3	31
4	Learning Recurrent Waveforms Within EEGs. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 43-54.	4.2	28
5	Eliciting naturalistic cortical responses with a sensory prosthesis via optimized microstimulation. <i>Journal of Neural Engineering</i> , 2016, 13, 056007.	3.5	24
6	Improving reference prioritisation with PICO recognition. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 256.	3.0	22
7	Reinforcement Learning in Video Games Using Nearest Neighbor Interpolation and Metric Learning. <i>IEEE Transactions on Games</i> , 2016, 8, 56-66.	1.4	18
8	A Tensor-Product-Kernel Framework for Multiscale Neural Activity Decoding and Control. <i>Computational Intelligence and Neuroscience</i> , 2014, 2014, 1-16.	1.7	12
9	Information-theoretic metric learning: 2-D linear projections of neural data for visualization. , 2013, 2013, 5586-9.		10
10	Optimizing microstimulation using a reinforcement learning framework. , 2011, 2011, 1069-72.		9
11	Representing and decomposing neural potential signals. <i>Current Opinion in Neurobiology</i> , 2015, 31, 13-17.	4.2	9
12	Locating spatial patterns of waveforms during sensory perception in scalp EEG. , 2012, 2012, 2531-4.		7
13	A Graduated Non-Convexity Relaxation for Large Scale Seriation. , 2017, , 462-470.		7
14	Women's health in <i>The BMJ</i> : a data science history. <i>BMJ Open</i> , 2020, 10, e039759.	1.9	7
15	Evaluating dependence in spike train metric spaces. , 2011, , .		6
16	A greedy algorithm for model selection of tensor decompositions. , 2013, , .		5
17	Subspace matching thalamic microstimulation to tactile evoked potentials in rat somatosensory cortex. , 2012, 2012, 2957-60.		4
18	Latent state visualization of neural firing rates. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	Projentropy: Using entropy to optimize spatial projections. , 2014, , .		3
20	Circular object arrangement using spherical embeddings. Pattern Recognition, 2020, 103, 107192.	8.1	3
21	Spatio-temporal clustering of firing rates for neural state estimation. , 2010, 2010, 6023-6.		2
22	A metric approach toward point process divergence. , 2011, , .		2
23	Continuation methods for approximate large scale object sequencing. Machine Learning, 2019, 108, 595-626.	5.4	2
24	Efficient temporal decomposition of local field potentials. , 2011, , .		1
25	Towards closed-loop brain-machine experiments across wide-area networks. , 2011, , .		0
26	Shift-invariant waveform learning on epileptic ECoG. , 2021, 2021, 1136-1139.		0