

# Jun Zhu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

898  
citations

9  
h-index

29  
g-index

31  
ext. papers

1,431  
ext. citations

7.7  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
27	Brain-inspired global-local learning incorporated with neuromorphic computing.. <i>Nature Communications</i> , <b>2022</b> , 13, 65	17.4	4
26	Query-Efficient Black-box Adversarial Attacks Guided by a Transfer-based Prior. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , PP,	13.3	3
25	Triple-Memory Networks: A Brain-Inspired Method for Continual Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	2
24	Foreword: special issue for the journal track of the 11th Asian Conference on Machine Learning (ACML 2019). <i>Machine Learning</i> , <b>2020</b> , 109, 441-443	4	
23	Toward Accurate Visual Reasoning With Dual-Path Neural Module Networks. <i>Frontiers in Robotics and AI</i> , <b>2020</b> , 7, 109	2.8	
22	Stochastic Quantization for Learning Accurate Low-Bit Deep Neural Networks. <i>International Journal of Computer Vision</i> , <b>2019</b> , 127, 1629-1642	10.6	6
21	Max-Margin Majority Voting for Learning from Crowds. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2019</b> , 41, 2480-2494	13.3	13
20	Playing FPS Games With Environment-Aware Hierarchical Reinforcement Learning <b>2019</b> ,		4
19	Bayesian Neural Network Realization by Exploiting Inherent Stochastic Characteristics of Analog RRAM <b>2019</b> ,		3
18	Semantic Incongruency Interferes With Endogenous Attention in Cross-Modal Integration of Semantically Congruent Objects. <i>Frontiers in Integrative Neuroscience</i> , <b>2019</b> , 13, 53	3.2	4
17	Max-Margin Deep Generative Models for (Semi-)Supervised Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 2762-2775	13.3	18
16	Dropout training for SVMs with data augmentation. <i>Frontiers of Computer Science</i> , <b>2018</b> , 12, 694-713	2.2	4
15	Learning representations on graphs. <i>National Science Review</i> , <b>2018</b> , 5, 21-21	10.8	1
14	Spectral Learning for Supervised Topic Models. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 726-739	13.3	5
13	Learning Deep Generative Models With Doubly Stochastic Gradient MCMC. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3084-3096	10.3	5
12	Learning to Write Stylized Chinese Characters by Reading a Handful of Examples <b>2018</b> ,		15
11	Boosting Adversarial Attacks with Momentum <b>2018</b> ,		436

10	Defense Against Adversarial Attacks Using High-Level Representation Guided Denoiser <b>2018</b> ,		176
9	PSDVec: A toolbox for incremental and scalable word embedding. <i>Neurocomputing</i> , <b>2017</b> , 237, 405-409	5.4	4
8	Special Issue on Biomedical Big Data: Understanding, Learning and Applications. <i>IEEE Transactions on Big Data</i> , <b>2017</b> , 3, 375-377	3.2	4
7	Improving Interpretability of Deep Neural Networks with Semantic Information <b>2017</b> ,		41
6	Semi-supervised Max-margin Topic Model with Manifold Posterior Regularization <b>2017</b> ,		3
5	Forecast the Plausible Paths in Crowd Scenes <b>2017</b> ,		31
4	Crowd Fraud Detection in Internet Advertising <b>2015</b> ,		33
3	Uncovering the Latent Structures of Crowd Labeling. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 392-404	0.9	6
2	Discriminative infinite latent feature models <b>2013</b> ,		3
1	Large-margin predictive latent subspace learning for multiview data analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2012</b> , 34, 2365-78	13.3	74