

Jennifer Dy

List of Publications by Citations

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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.

30
papers

1,146
citations

13
h-index

33
g-index

36
ext. papers

1,559
ext. citations

6.8
avg, IF

4.14
L-index

#	Paper	IF	Citations
30	Monitoring motor fluctuations in patients with Parkinson's disease using wearable sensors. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009 , 13, 864-73		373
29	Automated Diagnosis of Plus Disease in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. <i>JAMA Ophthalmology</i> , 2018 , 136, 803-810	3.9	246
28	Emotion fingerprints or emotion populations? A meta-analytic investigation of autonomic features of emotion categories. <i>Psychological Bulletin</i> , 2018 , 144, 343-393	19.1	159
27	Evaluation of a deep learning image assessment system for detecting severe retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2018 ,	5.5	53
26	Home monitoring of patients with Parkinson's disease via wearable technology and a web-based application. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 4411-4	0.9	46
25	Learning from multiple annotators with varying expertise. <i>Machine Learning</i> , 2014 , 95, 291-327	4	44
24	Monitoring Disease Progression With a Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning. <i>JAMA Ophthalmology</i> , 2019 ,	3.9	43
23	A Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning to Monitor Disease Regression After Treatment. <i>JAMA Ophthalmology</i> , 2019 ,	3.9	31
22	Longitudinal monitoring of patients with Parkinson's disease via wearable sensor technology in the home setting. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 ,	0.9	18
21	Enabling precision rehabilitation interventions using wearable sensors and machine learning to track motor recovery. <i>Npj Digital Medicine</i> , 2020 , 3, 121	15.7	15
20	Physiological indices of challenge and threat: A data-driven investigation of autonomic nervous system reactivity during an active coping stressor task. <i>Psychophysiology</i> , 2019 , 56, e13454	4.1	13
19	Context-aware experience sampling reveals the scale of variation in affective experience. <i>Scientific Reports</i> , 2020 , 10, 12459	4.9	13
18	Finding a Needle in the Haystack: Unseen Radio Detection in Large Populations Using Deep Learning 2019 ,		13
17	Nature of Emotion Categories: Comment on Cowen and Keltner. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 97-99	14	12
16	Classification and comparison via neural networks. <i>Neural Networks</i> , 2019 , 118, 65-80	9.1	11
15	Comparing supervised and unsupervised approaches to emotion categorization in the human brain, body, and subjective experience. <i>Scientific Reports</i> , 2020 , 10, 20284	4.9	11
14	Subject-specific abnormal region detection in traumatic brain injury using sparse model selection on high dimensional diffusion data. <i>Medical Image Analysis</i> , 2017 , 37, 56-65	15.4	9

13	Interpretable Clustering via Discriminative Rectangle Mixture Model 2016 ,		5
12	MAC ID Spoofing-Resistant Radio Fingerprinting 2019 ,		5
11	Effective Virtual Machine Monitor Intrusion Detection Using Feature Selection on Highly Imbalanced Data 2010 ,		4
10	Open-World Class Discovery with Kernel Networks 2020 ,		4
9	A Hybrid Approach to Identifying Key Factors in Environmental Health Studies 2018 ,		3
8	Turning subtypes into disease axes to improve prediction of COPD progression. <i>Thorax</i> , 2019 , 74, 906-909,		2
7	Feature Selection Metric Using AUC Margin for Small Samples and Imbalanced Data Classification Problems 2011 ,		2
6	Investigating the relationship between emotional granularity and cardiorespiratory physiological activity in daily life. <i>Psychophysiology</i> , 2021 , 58, e13818	4.1	2
5	A Novel Feature Selection for Intrusion Detection in Virtual Machine Environments 2011 ,		1
4	Deep Bayesian Unsupervised Lifelong Learning.. <i>Neural Networks</i> , 2022 , 149, 95-106	9.1	1
3	Machine learning-based biomarkers identification from toxicogenomics - Bridging to regulatory relevant phenotypic endpoints. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127141	12.8	1
2	Deep Learning on Multimodal Sensor Data at the Wireless Edge for Vehicular Network. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
1	A Computational Neural Model for Mapping Degenerate Neural Architectures.. <i>Neuroinformatics</i> , 2022 , 1	3.2	0