

Jennifer Dy

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.

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 | Deep Bayesian Unsupervised Lifelong Learning.. <i>Neural Networks</i> , 2022 , 149, 95-106 | 9.1 | 1 |
| 29 | 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 |
| 28 | A Computational Neural Model for Mapping Degenerate Neural Architectures.. <i>Neuroinformatics</i> , 2022 , 1 | 3.2 | 0 |
| 27 | 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 |
| 26 | Investigating the relationship between emotional granularity and cardiorespiratory physiological activity in daily life. <i>Psychophysiology</i> , 2021 , 58, e13818 | 4.1 | 2 |
| 25 | Open-World Class Discovery with Kernel Networks 2020 , | | 4 |
| 24 | 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 |
| 23 | Context-aware experience sampling reveals the scale of variation in affective experience. <i>Scientific Reports</i> , 2020 , 10, 12459 | 4.9 | 13 |
| 22 | 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 |
| 21 | Classification and comparison via neural networks. <i>Neural Networks</i> , 2019 , 118, 65-80 | 9.1 | 11 |
| 20 | Turning subtypes into disease axes to improve prediction of COPD progression. <i>Thorax</i> , 2019 , 74, 906-909 | 9.3 | 2 |
| 19 | 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 |
| 18 | Monitoring Disease Progression With a Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning. <i>JAMA Ophthalmology</i> , 2019 , | 3.9 | 43 |
| 17 | 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 |
| 16 | MAC ID Spoofing-Resistant Radio Fingerprinting 2019 , | | 5 |
| 15 | Finding a New Needle in the Haystack: Unseen Radio Detection in Large Populations Using Deep Learning 2019 , | | 13 |
| 14 | Nature of Emotion Categories: Comment on Cowen and Keltner. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 97-99 | 14 | 12 |

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|----|--|------|-----|
| 13 | 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 |
| 12 | 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 |
| 11 | Evaluation of a deep learning image assessment system for detecting severe retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2018 , | 5.5 | 53 |
| 10 | A Hybrid Approach to Identifying Key Factors in Environmental Health Studies 2018 , | | 3 |
| 9 | 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 |
| 8 | Interpretable Clustering via Discriminative Rectangle Mixture Model 2016 , | | 5 |
| 7 | Learning from multiple annotators with varying expertise. <i>Machine Learning</i> , 2014 , 95, 291-327 | 4 | 44 |
| 6 | Feature Selection Metric Using AUC Margin for Small Samples and Imbalanced Data Classification Problems 2011 , | | 2 |
| 5 | A Novel Feature Selection for Intrusion Detection in Virtual Machine Environments 2011 , | | 1 |
| 4 | 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 |
| 3 | 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 |
| 2 | Effective Virtual Machine Monitor Intrusion Detection Using Feature Selection on Highly Imbalanced Data 2010 , | | 4 |
| 1 | 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 |