

Jennifer Dy

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,970
citations

623734

14
h-index

752698

20
g-index

36
all docs

36
docs citations

36
times ranked

2209
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring Motor Fluctuations in Patients With Parkinson's Disease Using Wearable Sensors. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 864-873.	3.2	477
2	Automated Diagnosis of Plus Disease in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. JAMA Ophthalmology, 2018, 136, 803.	2.5	442
3	Emotion fingerprints or emotion populations? A meta-analytic investigation of autonomic features of emotion categories.. Psychological Bulletin, 2018, 144, 343-393.	6.1	287
4	Evaluation of a deep learning image assessment system for detecting severe retinopathy of prematurity. British Journal of Ophthalmology, 2019, 103, 580-584.	3.9	114
5	Learning from multiple annotators with varying expertise. Machine Learning, 2014, 95, 291-327.	5.4	100
6	Monitoring Disease Progression With a Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning. JAMA Ophthalmology, 2019, 137, 1022.	2.5	81
7	A Quantitative Severity Scale for Retinopathy of Prematurity Using Deep Learning to Monitor Disease Regression After Treatment. JAMA Ophthalmology, 2019, 137, 1029.	2.5	63
8	Home monitoring of patients with Parkinson's disease via wearable technology and a web-based application. , 2010, 2010, 4411-4.		55
9	Enabling precision rehabilitation interventions using wearable sensors and machine learning to track motor recovery. Npj Digital Medicine, 2020, 3, 121.	10.9	55
10	Context-aware experience sampling reveals the scale of variation in affective experience. Scientific Reports, 2020, 10, 12459.	3.3	33
11	Physiological indices of challenge and threat: A data-driven investigation of autonomic nervous system reactivity during an active coping stressor task. Psychophysiology, 2019, 56, e13454.	2.4	28
12	Finding a "New" Needle in the Haystack: Unseen Radio Detection in Large Populations Using Deep Learning. , 2019, , .		25
13	Comparing supervised and unsupervised approaches to emotion categorization in the human brain, body, and subjective experience. Scientific Reports, 2020, 10, 20284.	3.3	25
14	Longitudinal monitoring of patients with Parkinson's disease via wearable sensor technology in the home setting. , 2011, 2011, 1552-5.		23
15	Nature of Emotion Categories: Comment on Cowen and Keltner. Trends in Cognitive Sciences, 2018, 22, 97-99.	7.8	19
16	Classification and comparison via neural networks. Neural Networks, 2019, 118, 65-80.	5.9	18
17	Deep Learning on Multimodal Sensor Data at the Wireless Edge for Vehicular Network. IEEE Transactions on Vehicular Technology, 2022, 71, 7639-7655.	6.3	16
18	Investigating the relationship between emotional granularity and cardiorespiratory physiological activity in daily life. Psychophysiology, 2021, 58, e13818.	2.4	14

#	ARTICLE	IF	CITATIONS
19	Deep Bayesian Unsupervised Lifelong Learning. <i>Neural Networks</i> , 2022, 149, 95-106.	5.9	14
20	Open-World Class Discovery with Kernel Networks. , 2020, , .		12
21	Interpretable Clustering via Discriminative Rectangle Mixture Model. , 2016, , .		11
22	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.	11.6	11
23	Learn-Prune-Share for Lifelong Learning. , 2020, , .		10
24	MAC ID Spoofing-Resistant Radio Fingerprinting. , 2019, , .		9
25	Machine learning-based biomarkers identification from toxicogenomics “ Bridging to regulatory relevant phenotypic endpoints. <i>Journal of Hazardous Materials</i> , 2022, 423, 127141.	12.4	9
26	Effective Virtual Machine Monitor Intrusion Detection Using Feature Selection on Highly Imbalanced Data. , 2010, , .		5
27	A Hybrid Approach to Identifying Key Factors in Environmental Health Studies. , 2018, , .		5
28	Turning subtypes into disease axes to improve prediction of COPD progression. <i>Thorax</i> , 2019, 74, 906-909.	5.6	3
29	A Novel Feature Selection for Intrusion Detection in Virtual Machine Environments. , 2011, , .		2
30	Feature Selection Metric Using AUC Margin for Small Samples and Imbalanced Data Classification Problems. , 2011, , .		2
31	A Computational Neural Model for Mapping Degenerate Neural Architectures. <i>Neuroinformatics</i> , 2022, 20, 965-979.	2.8	2
32	Quantitative synaptic vesicle imaging for evaluating neuron activities in neurodegenerative diseases. , 2011, , .		0
33	Editorial to the Special Issue of Selected Papers of SDM 2013. <i>Statistical Analysis and Data Mining</i> , 2014, 7, 227-228.	2.8	0
34	Interactive Kernel Dimension Alternative Clustering on GPUs. , 2018, , .		0
35	Associating Exposures to Adverse Health Outcomes using Decision Trees. , 2020, , .		0