Feng Yang

List of Publications by Year
in descending order

35 papers	611 citations	1040056 9 h-index	713466 21 g-index
37 all docs	37 docs citations	37 times ranked	634 citing authors

#	ARTICLE	IF	CITATIONS
1	Health Index-Based Prognostics for Remaining Useful Life Predictions in Electrical Machines. IEEE Transactions on Industrial Electronics, 2016, 63, 2633-2644.	7.9	170
2	Robust Feature Selection for Microarray Data Based on Multicriterion Fusion. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 1080-1092.	3.0	113
3	Model-Based Online Learning With Kernels. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 356-369.	11.3	47
4	Remaining useful life prediction of induction motors using nonlinear degradation of health index. Mechanical Systems and Signal Processing, 2021, 148, 107183.	8.0	42
5	Data-Driven Inter-Turn Short Circuit Fault Detection in Induction Machines. IEEE Access, 2017, 5, 25055-25068.	4.2	40
6	Predicting tool wear size across multi-cutting conditions using advanced machine learning techniques. Journal of Intelligent Manufacturing, 2021, 32, 1753-1766.	7.3	36
7	Two-Phase Multi-Party Computation Enabled Privacy-Preserving Federated Learning. , 2020, , .		34
8	FSH Promotes Progesterone Synthesis by Enhancing Autophagy to Accelerate Lipid Droplet Degradation in Porcine Granulosa Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 626927.	3.7	13
9	Emphasizing Minority Class in LDA for Feature Subset Selection on High-Dimensional Small-Sized Problems. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 88-101.	5.7	11
10	L-Proline: An Effective Agent for Frozen and Post-thawed Donkey Semen Storage. Journal of Equine Veterinary Science, 2021, 101, 103393.	0.9	11
11	Deep Recurrent Architecture with Attention for Remaining Useful Life Estimation. , 2019, , .		10
12	Practical protocols for timed artificial insemination of jennies using cooled or frozen donkey semen. Equine Veterinary Journal, 2021, 53, 1218-1226.	1.7	9
13	Reducing false arrhythmia alarms in the ICU. , 2015, , .		8
14	Multi-dimensional proprio-proximus machine learning for assessment of myocardial infarction. Computerized Medical Imaging and Graphics, 2018, 70, 63-72.	5.8	6
15	Characteristics of follicular dynamics and reproductive hormone profiles during oestrous cycles of jennies over an entire year. Reproduction in Domestic Animals, 2021, 56, 448-458.	1.4	6
16	Towards building and evaluating a personalized location-based recommender system. , 2014, , .		5
17	A Multi-channel Deep Learning Approach for Segmentation of the Left Ventricular Endocardium from Cardiac Images. , 2019, 2019, 4016-4019.		5
18	Tool Wear Health Monitoring with Limited Degradation Data. , 2019, , .		5

#	Article	IF	Citations
19	Dynamics and Regulations of BimEL Ser65 and Thr112 Phosphorylation in Porcine Granulosa Cells during Follicular Atresia. Cells, 2020, 9, 402.	4.1	5
20	Mechanism underlying the stimulation by IGF-1 of LHCGR expression in porcine granulosa cells. Theriogenology, 2021, 169, 56-64.	2.1	5
21	Effects of 60-Week Feeding Diet Containing Bt Rice Expressing the Cry1Ab Protein on the Offspring of Inbred Wuzhishan Pigs Fed the Same Diet. Journal of Agricultural and Food Chemistry, 2017, 65, 10300-10309.	5.2	4
22	Strategic promotion, reputation, and responsiveness in bureaucratic hierarchies. Journal of Theoretical Politics, 2019, 31, 286-307.	0.4	4
23	Integrative Proteomic and Phosphoproteomic Analyses of Granulosa Cells During Follicular Atresia in Porcine. Frontiers in Cell and Developmental Biology, 2020, 8, 624985.	3.7	4
24	Towards the online learning with Kernels in classification and regression. Evolving Systems, 2014, 5, 11-19.	3.9	3
25	Federated Learning for Advanced Manufacturing Based on Industrial IoT Data Analytics. Intelligent Systems Reference Library, 2021, , 143-176.	1.2	3
26	Feature importance-guided multi-regression ensemble with application to remaining useful life prediction. , 2017, , .		2
27	Organizational Structure, Policy Learning, and Economic Performance: Evidence from the Chinese Commune. Socius, 2018, 4, 237802311875765.	2.0	2
28	Data driven framework for degraded pogo pin detection in semiconductor manufacturing. , 2015, , .		1
29	Cardiac Image Segmentation Using Memory Persistence Methodology. , 2018, 2018, 4504-4507.		1
30	A Multi:Modal Classifier for Heart Sound Recordings. , 0, , .		1
31	HiPerData: An autonomous large-scale model building and management platform for big data analytics. , 2015, , .		0
32	Two-Stage Ensemble of Deep Convolutional Neural Networks for Object Recognition. , 2018, , .		0
33	A Perspective into Analysing Tool Wear Condition in Hard-Turning Process—The Key Lessons Learnt. Intelligent Systems Reference Library, 2021, , 79-111.	1.2	0
34	Identifying Parameters for Nonlinear Degradation-Based Prognostics. Advances in Computer and Electrical Engineering Book Series, 2019, , 237-260.	0.3	0
35	A comprehensive study in assembling deep convolutional neural networks for image classification. , 2019, , .		0