Jun Feng

List of Publications by Year
in descending order

52 papers	618 citations	687363 13 h-index	677142 22 g-index
52 all docs	52 docs citations	52 times ranked	567 citing authors

#	Article	IF	Citations
1	A New Amharic Speech Emotion Dataset and Classification Benchmark. ACM Transactions on Asian and Low-Resource Language Information Processing, 2023, 22, 1-22.	2.0	5
2	A Novel Encoding and Decoding Calibration Guiding Pathway for Pathological Image Analysis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 267-274.	3.0	0
3	Deep transfer learning for gesture recognition with WiFi signals. Personal and Ubiquitous Computing, 2022, 26, 543-554.	2.8	20
4	A Dynamic Ridesplitting Method With Potential Pick-Up Probability Based on GPS Trajectories. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10786-10802.	8.0	2
5	Dynamic Key-Value Memory Networks With Rich Features for Knowledge Tracing. IEEE Transactions on Cybernetics, 2022, 52, 8239-8245.	9.5	15
6	TransferSense: towards environment independent and one-shot wifi sensing. Personal and Ubiquitous Computing, 2022, 26, 555-573.	2.8	11
7	MKPM: Multi keyword-pair matching for natural language sentences. Applied Intelligence, 2022, 52, 1878-1892.	5.3	8
8	BBW: a batch balance wrapper for training deep neural networks on extremely imbalanced datasets with few minority samples. Applied Intelligence, 2022, 52, 6723-6738.	5.3	5
9	General discriminative optimization for point set registration. Computers and Graphics, 2022, 102, 521-532.	2.5	1
10	How Many Vehicles Do We Need? Fleet Sizing for Shared Autonomous Vehicles With Ridesharing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14594-14607.	8.0	4
11	Do Gender or Major Influence the Performance in Programming Learning? Teaching Mode Decision Based on Exercise Series Analysis. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	1
12	Time-Frequency Attention for Speech Emotion Recognition with Squeeze-and-Excitation Blocks. Lecture Notes in Computer Science, 2022, , 533-543.	1.3	4
13	MSAL-Net: improve accurate segmentation of nuclei in histopathology images by multiscale attention learning network. BMC Medical Informatics and Decision Making, 2022, 22, 90.	3.0	4
14	GeoSDVA: A Semi-Supervised Dirichlet Variational Autoencoder Model for Transportation Mode Identification. ISPRS International Journal of Geo-Information, 2022, 11, 290.	2.9	1
15	Gaussianization of Diffusion MRI Data Using Spatially Adaptive Filtering. Medical Image Analysis, 2021, 68, 101828.	11.6	7
16	Word Representation Learning Based on Bidirectional GRUs With Drop Loss for Sentiment Classification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4532-4542.	9.3	13
17	GRU-based capsule network with an improved loss for personnel performance prediction. Applied Intelligence, 2021, 51, 4730-4743.	5.3	8
18	Representation of Differential Learning Method for Mitosis Detection. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.9	2

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19	Semantic-enhanced sequential modeling for personality trait recognition from texts. Applied Intelligence, 2021, 51, 7705-7717.	5.3	13
20	DCE-MRI interpolation using learned transformations for breast lesions classification. Multimedia Tools and Applications, 2021, 80, 26237.	3.9	1
21	Improving Arabic Sentiment Analysis Using CNN-Based Architectures and Text Preprocessing. Computational Intelligence and Neuroscience, 2021, 2021, 1-12.	1.7	6
22	ScalingNet: Extracting features from raw EEG data for emotion recognition. Neurocomputing, 2021, 463, 177-184.	5.9	29
23	EEG-Based Emotion Recognition Fusing Spacial-Frequency Domain Features and Data-Driven Spectrogram-Like Features. Lecture Notes in Computer Science, 2021, , 460-470.	1.3	3
24	An Enhanced pix2pix Dehazing Network with Guided Filter Layer. Applied Sciences (Switzerland), 2020, 10, 5898.	2.5	4
25	MDU-Net: A Convolutional Network for Clavicle and Rib Segmentation from a Chest Radiograph. Journal of Healthcare Engineering, 2020, 2020, 1-9.	1.9	11
26	Computer-Aided System for the Detection of Multicategory Pulmonary Tuberculosis in Radiographs. Journal of Healthcare Engineering, 2020, 2020, 1-12.	1.9	30
27	A deep learning-based framework for lung cancer survival analysis with biomarker interpretation. BMC Bioinformatics, 2020, 21, 112.	2.6	24
28	A knowledge-driven feature learning and integration method for breast cancer diagnosis on multi-sequence MRI. Magnetic Resonance Imaging, 2020, 69, 40-48.	1.8	26
29	Context-Aware Superpixel and Bilateral Entropyâ€"Image Coherence Induces Less Entropy. Entropy, 2020, 22, 20.	2.2	2
30	Towards Fine Whole-Slide Skeletal Muscle Image Segmentation through Deep Hierarchically Connected Networks. Journal of Healthcare Engineering, 2019, 2019, 1-10.	1.9	1
31	Attention-Based Character-Word Hybrid Neural Networks With Semantic and Structural Information for Identifying of Urgent Posts in MOOC Discussion Forums. IEEE Access, 2019, 7, 120522-120532.	4.2	29
32	Drug-Drug Interaction Extraction via Recurrent Hybrid Convolutional Neural Networks with an Improved Focal Loss. Entropy, 2019, 21, 37.	2.2	50
33	MOOC Dropout Prediction Using a Hybrid Algorithm Based on Decision Tree and Extreme Learning Machine. Mathematical Problems in Engineering, 2019, 2019, 1-11.	1.1	40
34	High throughput automatic muscle image segmentation using parallel framework. BMC Bioinformatics, 2019, 20, 158.	2.6	5
35	Sex Determination of Three-Dimensional Skull Based on Improved Backpropagation Neural Network. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-8.	1.3	27
36	Convolutional Recurrent Neural Networks with a Self-Attention Mechanism for Personnel Performance Prediction. Entropy, 2019, 21, 1227.	2.2	12

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37	Breast mass classification via deeply integrating the contextual information from multi-view data. Pattern Recognition, 2018, 80, 42-52.	8.1	55
38	Wi-Fi Based Gesture Recognition Using Deep Transfer Learning. , 2018, , .		11
39	Breast Mass Detection in Digital Mammogram Based on Gestalt Psychology. Journal of Healthcare Engineering, 2018, 2018, 1-13.	1.9	27
40	Using surface variability characteristics for segmentation of deformable 3D objects with application to piecewise statistical deformable model. Visual Computer, 2012, 28, 493-509.	3.5	3
41	Face Appearance Reconstruction Based on a Regional Statistical Craniofacial Model (RCSM). , 2010, , .		8
42	Mr-SDM: a novel statistical deformable model for object deformation. Visual Computer, 2009, 25, 609-616.	3.5	1
43	A multi-resolution statistical deformable model (MISTO) for soft-tissue organ reconstruction. Pattern Recognition, 2009, 42, 1543-1558.	8.1	13
44	A statistical assembled deformable model (SAMTUS) for vasculature reconstruction. Computers in Biology and Medicine, 2009, 39, 489-500.	7.0	4
45	Robust point correspondence matching and similarity measuring for 3D models by relative angle-context distributions. Image and Vision Computing, 2008, 26, 761-775.	4.5	26
46	Clustered Microcalcification detection based on a Multiple Kernel Support Vector Machine with Grouped Features (GF-SVM). , 2008, , .		6
47	Statistical Piecewise Assembled Model (SPAM) for the Representation of Highly Deformable Medical Organs. Lecture Notes in Computer Science, 2008, , 168-176.	1.3	1
48	An Integration of Statistical Deformable Model and Finite Element Method for Bone-Related Soft Tissue Prediction in Orthognathic Surgery Planning. Lecture Notes in Computer Science, 2008, , 31-39.	1.3	4
49	A Statistical Assembled Model for Segmentation of Entire 3D Vasculature. , 2006, , .		3
50	Reconstruction and representation of caudal vasculature of zebrafish embryo from confocal scanning laser fluorescence microscopic images. Computers in Biology and Medicine, 2005, 35, 915-931.	7.0	19
51	Iterative 3D Point-Set Registration Based on Hierarchical Vertex Signature (HVS). Lecture Notes in Computer Science, 2005, 8, 279-286.	1.3	3
52	A relational-tubular (ReTu) deformable model for vasculature quantification of zebrafish embryo from microangiography image series. Computerized Medical Imaging and Graphics, 2004, 28, 333-344.	5.8	10