Kele Xu

List of Publications by Year
in descending order

51	702	759233	642732
papers	citations	12	23
		h-index	g-index

52	52	52	604
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Focus on Hard Categories and Hard Examples: Remote Sensing Image Scene Classification via Expert Model and Hard Example Mining. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
2	WRMatch: Improving FixMatch With Weighted Nuclear-Norm Regularization for Few-Shot Remote Sensing Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	13
3	Multi-representation knowledge distillation for audio classification. Multimedia Tools and Applications, 2022, 81, 5089-5112.	3.9	11
4	Deep Learning for the Automatic Diagnosis and Analysis of Bone Metastasis on Bone Scintigrams. Cancer Management and Research, 2022, Volume 14, 51-65.	1.9	15
5	Improving the Classification of Phonetic Segments from Raw Ultrasound Using Self-Supervised Learning and Hard Example Mining. , 2022, , .		2
6	MoNuSAC2020: A Multi-Organ Nuclei Segmentation and Classification Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3413-3423.	8.9	71
7	Improving Ultrasound Tongue Contour Extraction Using U-Net and Shape Consistency-Based Regularizer. , 2021, , .		2
8	Fden: Mining Effective Information of Features in Detecting Network Anomalies. , 2021, , .		2
9	Multi-Actor-Attention-Critic Reinforcement Learning for Central Place Foraging Swarms. , 2021, , .		3
10	Semi-supervised medical image classification based on CamMix. , 2021, , .		1
11	KnowRU: Knowledge Reuse via Knowledge Distillation in Multi-Agent Reinforcement Learning. Entropy, 2021, 23, 1043.	2.2	3
12	Squeeze-and-Excitation network-Based Radar Object Detection With Weighted Location Fusion. , 2021, , .		7
13	Two-Stage COVID-19 Lung Segmentation from CT Images by Integrating Rib Outlining and Contour Refinement. Lecture Notes in Computer Science, 2021, , 325-336.	1.3	0
14	Batch Weighted Nuclear-Norm Minimization for Medical Image Sequence Segmentation. Lecture Notes in Computer Science, 2021, , 360-371.	1.3	0
15	Collaborative deep learning across multiple data centers. Science China Information Sciences, 2020, 63, 1.	4.3	10
16	Audio Tagging by Cross Filtering Noisy Labels. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2073-2083.	5.8	11
17	NiCad+: Speeding the Detecting Process of NiCad. , 2020, , .		2
18	Predicting ultrasound tongue image from lip images using sequence to sequence learning. Journal of the Acoustical Society of America, 2020, 147, EL441-EL446.	1.1	1

#	Article	IF	Citations
19	Multimodal Deep Learning for Social Media Popularity Prediction With Attention Mechanism. , 2020, , .		13
20	AIM 2020: Scene Relighting and Illumination Estimation Challenge. Lecture Notes in Computer Science, 2020, , 499-518.	1.3	27
21	A Quantitative Comparison of Different Machine Learning Approaches for Human Spermatozoa Quality Prediction Using Multimodal Datasets. , 2020, , .		1
22	Multi-Scale Generalized Attention-Based Regional Maximum Activation of Convolutions for Beauty Product Retrieval. , 2020, , .		0
23	Denoising Convolutional Autoencoder Based B-mode Ultrasound Tongue Image Feature Extraction. , 2019, , .		12
24	Predicting Tongue Motion in Unlabeled Ultrasound Videos Using Convolutional Lstm Neural Networks. , 2019, , .		14
25	Acoustic Scene Classification Based on Dense Convolutional Networks Incorporating Multi-channel Features. Journal of Physics: Conference Series, 2019, 1169, 012037.	0.4	5
26	Multi Model-Based Distillation for Sound Event Detection. IEICE Transactions on Information and Systems, 2019, E102.D, 2055-2058.	0.7	2
27	General audio tagging with ensembling convolutional neural networks and statistical features. Journal of the Acoustical Society of America, 2019, 145, EL521-EL527.	1.1	21
28	Mixup Based Privacy Preserving Mixed Collaboration Learning. , 2019, , .		11
29	Multistructure-Based Collaborative Online Distillation. Entropy, 2019, 21, 357.	2.2	9
30	Learning to Communicate Efficiently with Group Division in Decentralized Multi-agent Cooperation. , 2019, , .		0
31	Large-Scale Whale-Call Classification by Transfer Learning on Multi-Scale Waveforms and Time-Frequency Features. Applied Sciences (Switzerland), 2019, 9, 1020.	2.5	15
32	Learning to Cooperate via an Attention-Based Communication Neural Network in Decentralized Multi-Robot Exploration. Entropy, 2019, 21, 294.	2.2	16
33	Improving Fast Adaptation for Newcomers in Multi-Robot Reinforcement Learning System. , 2019, , .		4
34	A Quantitative Analysis Platform for PD-L1 Immunohistochemistry based on Point-level Supervision Model. , 2019, , .		5
35	A Mobile Application for Sound Event Detection. , 2019, , .		5
36	Ultrasound-Based Silent Speech Interface using Sequential Convolutional Auto-encoder. , 2019, , .		5

#	Article	IF	Citations
37	Large-Scale Whale Call Classification Using Deep Convolutional Neural Network Architectures. , 2018, , .		4
38	Environmental Sound Classification Based on Multi-temporal Resolution Convolutional Neural Network Combining with Multi-level Features. Lecture Notes in Computer Science, 2018, , 528-537.	1.3	14
39	Mixup-Based Acoustic Scene Classification Using Multi-channel Convolutional Neural Network. Lecture Notes in Computer Science, 2018, , 14-23.	1.3	43
40	Multi-scale DenseNet-Based Electricity Theft Detection. Lecture Notes in Computer Science, 2018, , 172-182.	1.3	15
41	Sample Dropout for Audio Scene Classification Using Multi-scale Dense Connected Convolutional Neural Network. Lecture Notes in Computer Science, 2018, , 114-123.	1.3	3
42	Convolutional neural network-based automatic classification of midsagittal tongue gestural targets using B-mode ultrasound images. Journal of the Acoustical Society of America, 2017, 141, EL531-EL537.	1.1	29
43	Cyclic-feature based Doppler scale estimation for orthogonal frequency-division multiplexing (OFDM) signals over doubly selective underwater acoustic channels. Proceedings of Meetings on Acoustics, 2017, , .	0.3	1
44	Deep Convolutional Neural Network-Based Early Automated Detection of Diabetic Retinopathy Using Fundus Image. Molecules, 2017, 22, 2054.	3.8	167
45	Is Speckle Tracking Feasible for Ultrasound Tongue Images?. Acta Acustica United With Acustica, 2017, 103, 365-368.	0.8	0
46	A comparative study on the contour tracking algorithms in ultrasound tongue images with automatic re-initialization. Journal of the Acoustical Society of America, 2016, 139, EL154-EL160.	1.1	24
47	Contour-based 3D tongue motion visualization using ultrasound image sequences. , 2016, , .		3
48	Robust contour tracking in ultrasound tongue image sequences. Clinical Linguistics and Phonetics, 2016, 30, 313-327.	0.9	28
49	A Novel Hybrid Mobile Malware Detection System Integrating Anomaly Detection With Misuse Detection. , 2015, , .		31
50	An Articulatory-Based Singing Voice Synthesis Using Tongue and Lips Imaging. , 0, , .		18
51	Quantification of Transducer Misalignment in Ultrasound Tongue Imaging. , 0, , .		3