

Kele Xu

List of Publications by Year in descending order

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51
papers

702
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759233

12
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all docs

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52
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Convolutional Neural Network-Based Early Automated Detection of Diabetic Retinopathy Using Fundus Image. <i>Molecules</i> , 2017, 22, 2054.	3.8	167
2	MoNuSAC2020: A Multi-Organ Nuclei Segmentation and Classification Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3413-3423.	8.9	71
3	Mixup-Based Acoustic Scene Classification Using Multi-channel Convolutional Neural Network. <i>Lecture Notes in Computer Science</i> , 2018, , 14-23.	1.3	43
4	A Novel Hybrid Mobile Malware Detection System Integrating Anomaly Detection With Misuse Detection. , 2015, , .		31
5	Convolutional neural network-based automatic classification of midsagittal tongue gestural targets using B-mode ultrasound images. <i>Journal of the Acoustical Society of America</i> , 2017, 141, EL531-EL537.	1.1	29
6	Robust contour tracking in ultrasound tongue image sequences. <i>Clinical Linguistics and Phonetics</i> , 2016, 30, 313-327.	0.9	28
7	AIM 2020: Scene Relighting and Illumination Estimation Challenge. <i>Lecture Notes in Computer Science</i> , 2020, , 499-518.	1.3	27
8	A comparative study on the contour tracking algorithms in ultrasound tongue images with automatic re-initialization. <i>Journal of the Acoustical Society of America</i> , 2016, 139, EL154-EL160.	1.1	24
9	General audio tagging with ensembling convolutional neural networks and statistical features. <i>Journal of the Acoustical Society of America</i> , 2019, 145, EL521-EL527.	1.1	21
10	An Articulatory-Based Singing Voice Synthesis Using Tongue and Lips Imaging. , 0, , .		18
11	Learning to Cooperate via an Attention-Based Communication Neural Network in Decentralized Multi-Robot Exploration. <i>Entropy</i> , 2019, 21, 294.	2.2	16
12	Large-Scale Whale-Call Classification by Transfer Learning on Multi-Scale Waveforms and Time-Frequency Features. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1020.	2.5	15
13	Multi-scale DenseNet-Based Electricity Theft Detection. <i>Lecture Notes in Computer Science</i> , 2018, , 172-182.	1.3	15
14	Deep Learning for the Automatic Diagnosis and Analysis of Bone Metastasis on Bone Scintigrams. <i>Cancer Management and Research</i> , 2022, Volume 14, 51-65.	1.9	15
15	Environmental Sound Classification Based on Multi-temporal Resolution Convolutional Neural Network Combining with Multi-level Features. <i>Lecture Notes in Computer Science</i> , 2018, , 528-537.	1.3	14
16	Predicting Tongue Motion in Unlabeled Ultrasound Videos Using Convolutional Lstm Neural Networks. , 2019, , .		14
17	Multimodal Deep Learning for Social Media Popularity Prediction With Attention Mechanism. , 2020, , .		13
18	WRMatch: Improving FixMatch With Weighted Nuclear-Norm Regularization for Few-Shot Remote Sensing Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14.	6.3	13

#	ARTICLE	IF	CITATIONS
19	Denoising Convolutional Autoencoder Based B-mode Ultrasound Tongue Image Feature Extraction. , 2019, , .		12
20	Mixup Based Privacy Preserving Mixed Collaboration Learning. , 2019, , .		11
21	Audio Tagging by Cross Filtering Noisy Labels. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2073-2083.	5.8	11
22	Multi-representation knowledge distillation for audio classification. Multimedia Tools and Applications, 2022, 81, 5089-5112.	3.9	11
23	Collaborative deep learning across multiple data centers. Science China Information Sciences, 2020, 63, 1.	4.3	10
24	Multistructure-Based Collaborative Online Distillation. Entropy, 2019, 21, 357.	2.2	9
25	Squeeze-and-Excitation network-Based Radar Object Detection With Weighted Location Fusion. , 2021, , .		7
26	Acoustic Scene Classification Based on Dense Convolutional Networks Incorporating Multi-channel Features. Journal of Physics: Conference Series, 2019, 1169, 012037.	0.4	5
27	A Quantitative Analysis Platform for PD-L1 Immunohistochemistry based on Point-level Supervision Model. , 2019, , .		5
28	A Mobile Application for Sound Event Detection. , 2019, , .		5
29	Ultrasound-Based Silent Speech Interface using Sequential Convolutional Auto-encoder. , 2019, , .		5
30	Large-Scale Whale Call Classification Using Deep Convolutional Neural Network Architectures. , 2018, , .		4
31	Improving Fast Adaptation for Newcomers in Multi-Robot Reinforcement Learning System. , 2019, , .		4
32	Contour-based 3D tongue motion visualization using ultrasound image sequences. , 2016, , .		3
33	Multi-Actor-Attention-Critic Reinforcement Learning for Central Place Foraging Swarms. , 2021, , .		3
34	KnowRU: Knowledge Reuse via Knowledge Distillation in Multi-Agent Reinforcement Learning. Entropy, 2021, 23, 1043.	2.2	3
35	Quantification of Transducer Misalignment in Ultrasound Tongue Imaging. , 0, , .		3
36	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

#	ARTICLE	IF	CITATIONS
37	Multi Model-Based Distillation for Sound Event Detection. IEICE Transactions on Information and Systems, 2019, E102.D, 2055-2058.	0.7	2
38	NiCad+: Speeding the Detecting Process of NiCad. , 2020, , .		2
39	Improving Ultrasound Tongue Contour Extraction Using U-Net and Shape Consistency-Based Regularizer. , 2021, , .		2
40	Fden: Mining Effective Information of Features in Detecting Network Anomalies. , 2021, , .		2
41	Improving the Classification of Phonetic Segments from Raw Ultrasound Using Self-Supervised Learning and Hard Example Mining. , 2022, , .		2
42	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
43	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
44	Semi-supervised medical image classification based on CamMix. , 2021, , .		1
45	A Quantitative Comparison of Different Machine Learning Approaches for Human Spermatozoa Quality Prediction Using Multimodal Datasets. , 2020, , .		1
46	Is Speckle Tracking Feasible for Ultrasound Tongue Images?. Acta Acustica United With Acustica, 2017, 103, 365-368.	0.8	0
47	Learning to Communicate Efficiently with Group Division in Decentralized Multi-agent Cooperation. , 2019, , .		0
48	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
49	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
50	Multi-Scale Generalized Attention-Based Regional Maximum Activation of Convolutions for Beauty Product Retrieval. , 2020, , .		0
51	Batch Weighted Nuclear-Norm Minimization for Medical Image Sequence Segmentation. Lecture Notes in Computer Science, 2021, , 360-371.	1.3	0