

Yi Lin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

491
citations

623734

14
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time traffic incident detection based on a hybrid deep learning model. <i>Transportmetrica A: Transport Science</i> , 2022, 18, 78-98.	2.0	32
2	Automatic repetition instruction generation for air traffic control training using multi-task learning with an improved copy network. <i>Knowledge-Based Systems</i> , 2022, 241, 108232.	7.1	9
3	A Deep Learning Approach for Short-Term Airport Traffic Flow Prediction. <i>Aerospace</i> , 2022, 9, 11.	2.2	13
4	A Unified Framework for Multilingual Speech Recognition in Air Traffic Control Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3608-3620.	11.3	30
5	Spoken Instruction Understanding in Air Traffic Control: Challenge, Technique, and Application. <i>Aerospace</i> , 2021, 8, 65.	2.2	36
6	Towards multilingual end-to-end speech recognition for air traffic control. <i>IET Intelligent Transport Systems</i> , 2021, 15, 1203-1214.	3.0	9
7	Tensor completion-based trajectory imputation approach in air traffic control. <i>Aerospace Science and Technology</i> , 2021, 114, 106754.	4.8	1
8	Improving speech recognition models with small samples for air traffic control systems. <i>Neurocomputing</i> , 2021, 445, 287-297.	5.9	25
9	GPU-based multi-slice per pass algorithm in interactive volume illumination rendering. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021, 22, 1092-1103.	2.6	1
10	A Deep Learning Framework of Autonomous Pilot Agent for Air Traffic Controller Training. <i>IEEE Transactions on Human-Machine Systems</i> , 2021, 51, 442-450.	3.5	15
11	ATCSpeechNet: A multilingual end-to-end speech recognition framework for air traffic control systems. <i>Applied Soft Computing Journal</i> , 2021, 112, 107847.	7.2	15
12	An Improved U-Net Architecture for Image Dehazing. <i>IEICE Transactions on Information and Systems</i> , 2021, E104.D, 2218-2225.	0.7	4
13	A Real-Time ATC Safety Monitoring Framework Using a Deep Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 4572-4581.	8.0	38
14	A Deep Gaussian Process-Based Flight Trajectory Prediction Approach and Its Application on Conflict Detection. <i>Algorithms</i> , 2020, 13, 293.	2.1	15
15	Automated traffic incident detection with a smaller dataset based on generative adversarial networks. <i>Accident Analysis and Prevention</i> , 2020, 144, 105628.	5.7	69
16	Research on the Air Traffic Flow Prediction Using a Deep Learning Approach. <i>IEEE Access</i> , 2019, 7, 148019-148030.	4.2	17
17	STELA: A Real-Time Scene Text Detector With Learned Anchor. <i>IEEE Access</i> , 2019, 7, 153400-153407.	4.2	20
18	Detecting multi-oriented text with corner-based region proposals. <i>Neurocomputing</i> , 2019, 334, 134-142.	5.9	29

#	ARTICLE	IF	CITATIONS
19	Deep learning based short-term air traffic flow prediction considering temporal"spatial correlation. Aerospace Science and Technology, 2019, 93, 105113.	4.8	58
20	Real-time Controlling Dynamics Sensing in Air Traffic System. Sensors, 2019, 19, 679.	3.8	15
21	An algorithm for trajectory prediction of flight plan based on relative motion between positions. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 905-916.	2.6	33
22	ATCSpeech: A Multilingual Pilot-Controller Speech Corpus from Real Air Traffic Control Environment. , 0, , .		7