

Xiao Song

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

459
citations

759233

12
h-index

713466

21
g-index

36
all docs

36
docs citations

36
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Aircraft engine remaining useful life estimation via a double attention-based data-driven architecture. Reliability Engineering and System Safety, 2022, 221, 108330.	8.9	81
2	Pedestrian Trajectory Prediction Based on Deep Convolutional LSTM Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3285-3302.	8.0	68
3	Model, Design, and Testing of Field Mill Sensors for Measuring Electric Fields Under High-Voltage Direct-Current Power Lines. IEEE Transactions on Industrial Electronics, 2018, 65, 608-615.	7.9	62
4	Simulation of Pedestrian Rotation Dynamics Near Crowded Exits. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3142-3155.	8.0	33
5	Channel and Space Attention Neural Network for Image Denoising. IEEE Signal Processing Letters, 2021, 28, 424-428.	3.6	25
6	Model, Design, and Testing of an Electret-Based Portable Transmitter for Low-Frequency Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 5305-5314.	5.1	20
7	An Integrated Deep Learning Framework for Occluded Pedestrian Tracking. IEEE Access, 2019, 7, 26060-26072.	4.2	18
8	A Case Study on Air Combat Decision Using Approximated Dynamic Programming. Mathematical Problems in Engineering, 2014, 2014, 1-10.	1.1	17
9	A Load Balancing Scheme Using Federate Migration Based on Virtual Machines for Cloud Simulations. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	17
10	Relative Localization in Wireless Sensor Networks for Measurement of Electric Fields under HVDC Transmission Lines. Sensors, 2015, 15, 3540-3564.	3.8	16
11	Military Simulation Big Data: Background, State of the Art, and Challenges. Mathematical Problems in Engineering, 2015, 2015, 1-20.	1.1	13
12	Ground-level DC electric field sensor for overhead HVDC/HVAC transmission lines in hybrid corridors. IET Generation, Transmission and Distribution, 2020, 14, 4173-4178.	2.5	13
13	An efficient approach to collaborative simulation of variable structure systems on multi-core machines. Cluster Computing, 2016, 19, 29-46.	5.0	12
14	CoSMSOL: Complex system modeling, simulation and optimization language. International Journal of Modeling, Simulation, and Scientific Computing, 2017, 08, 1741002.	1.4	12
15	WSN-Based Measurement of Ion-Current Density Under High-Voltage Direct Current Transmission Lines. IEEE Access, 2019, 7, 10947-10955.	4.2	9
16	Pedestrian Trajectory Prediction in Heterogeneous Traffic Using Pose Keypoints-Based Convolutional Encoder-Decoder Network. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1764-1775.	8.3	8
17	Multi-Process Training GAN for Identity-Preserving Face Synthesis. IEEE Access, 2019, 7, 97641-97652.	4.2	6
18	A Novel Motion-Intelligence-Based Control Algorithm for Object Tracking by Controlling PAN-Tilt Automatically. Mathematical Problems in Engineering, 2019, 2019, 1-11.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Multi-block electret-based mechanical antenna model for low frequency communication. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1950036.	1.4	5
20	Fully Convolutional Encoder-Decoder With an Attention Mechanism for Practical Pedestrian Trajectory Prediction. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20046-20060.	8.0	4
21	Modeling and Simulation of China C Series Large Aircraft with Microburst. Mathematical Problems in Engineering, 2016, 2016, 1-10.	1.1	3
22	A Practical Infrastructure for Real-Time Simulation across Timing Domains. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	2
23	A Simulation Perspective: Error Analysis in the Distributed Simulation of Continuous System. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.1	2
24	A novel singular value decomposition-based similarity measure method for non-local means denoising. Signal, Image and Video Processing, 2022, 16, 403-410.	2.7	2
25	Flight simulator robust control based on disturbance observer. , 2013, , .		1
26	Quantized State Based Simulation of Time Invariant and Time Varying Continuous Systems. Mathematical Problems in Engineering, 2015, 2015, 1-5.	1.1	1
27	Temporal request scheduling for energy-efficient cloud data centers. , 2017, , .		1
28	Learning robust features by extended generative stochastic networks. International Journal of Modeling, Simulation, and Scientific Computing, 2018, 09, 1850004.	1.4	1
29	NER-based military simulation scenario development process. Journal of Defense Modeling and Simulation, 0, , 154851292210948.	1.7	1
30	Response-based interactive motion generation. , 2010, , .		0
31	A virtual machine deployment approach using knowledge curves in Cloud Simulation. , 2012, , .		0
32	A Survey and Preliminary Research on Service Federation Based Modeling and Simulation. , 2015, , .		0
33	Load-balancing scheduling of simulation tasks based on a static-dynamic hybrid algorithm. Journal of Simulation, 2020, , 1-12.	1.5	0
34	AACF” Accessible Application-Centric Framework for the Internet of Things Backhauled Smart City Applications. IEEE Transactions on Network Science and Engineering, 2022, 9, 980-989.	6.4	0
35	A Novel Intelligence-Based Pan-Tilt Platform System for Measuring the Trajectories of Parachute. , 2020, , .		0