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## Nonlinear MIMO for Industrial Internet of Things in CyberPhysical Systems

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#	Paper	IF	Citations
56	Deep Learning-Embedded Social Internet of Things for Ambiguity-Aware Social Recommendations. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	34
55	Early Collision Detection for Massive Random Access in Satellite-Based Internet of Things. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5184-5189	6.8	30
54	Fuzzy decision trees embedded with evolutionary fuzzy clustering for locating users using wireless signal strength in an indoor environment. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 4280-4297	8.74	3
53	Toward real-time and efficient cardiovascular monitoring for COVID-19 patients by 5G-enabled wearable medical devices: a deep learning approach. <i>Neural Computing and Applications</i> , <b>2021</b> , 1-14	4.8	23
52	A Time-Overlapping Multiplex VLC System for End-Edge Data Transmission. <i>Wireless Communications and Mobile Computing</i> , <b>2021</b> , 2021, 1-12	1.9	0
51	Insights of Strength and Weakness of Evolving Methodologies of Sentiment Analysis. <i>Global Transitions Proceedings</i> , <b>2021</b> ,	0.3	4
50	Newton-interpolation-based zk-SNARK for Artificial Internet of Things. <i>Ad Hoc Networks</i> , <b>2021</b> , 123, 102656	4.56	4
49	. <i>IEEE Access</i> , <b>2021</b> , 9, 144171-144178	3.5	0
48	Service-Oriented Real-Time Smart Job Shop Symmetric CPS Based on Edge Computing. <i>Symmetry</i> , <b>2021</b> , 13, 1839	2.7	2
47	An Effective Reconstruction Method of the APT Attack Based on Hidden Markov Model. <i>Journal of Circuits, Systems and Computers</i> ,	0.9	1
46	Speech Emotion Recognition Enhanced Traffic Efficiency Solution for Autonomous Vehicles in a 5G-Enabled Space-Air-Ground Integrated Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-13	6.1	17
45	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	17
44	Cognitive linear discriminant regression computing technique for HTTP video services in SDN networks. <i>Soft Computing</i> , 1	3.5	1
43	Fuz-Spam: Label Smoothing-based Fuzzy Detection of Spammers in Internet of Things. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	15
42	Graph Neural Networks-driven Traffic Forecasting for Connected Internet of Vehicles. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	27
41	Foreground Information-Aware Image Superresolution Reconstruction for Image Processing IoT Systems in Smart City. <i>Wireless Communications and Mobile Computing</i> , <b>2022</b> , 2022, 1-12	1.9	0
40	SVBE: searchable and verifiable blockchain-based electronic medical records system.. <i>Scientific Reports</i> , <b>2022</b> , 12, 266	4.9	3

39	Theoretical Performance Analysis of Distributed Queue for Massive Machine Type Communications: Throughput, Latency, Energy Consumption. <i>IEEE Transactions on Network and Service Management</i> , <b>2022</b> , 1-1	4.8	0
38	Enhanced Lorenz-Chaotic Encryption Method for Partial Medical Image Encryption and Data Hiding in Big Data Healthcare. <i>Security and Communication Networks</i> , <b>2022</b> , 2022, 1-9	1.9	3
37	Delay and Energy-Efficiency-Balanced Task Offloading for Electric Internet of Things. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 839	2.6	0
36	Deep Q-Network with Reinforcement Learning for Fault Detection in Cyber-Physical Systems. <i>Journal of Circuits, Systems and Computers</i> ,	0.9	0
35	A Data Management Model for Intelligent Water Project Construction Based on Blockchain. <i>Wireless Communications and Mobile Computing</i> , <b>2022</b> , 2022, 1-16	1.9	
34	A Novel GA-BP Neural Network for Wireless Diagnosis of Rolling Bearing. <i>Journal of Circuits, Systems and Computers</i> ,	0.9	0
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21	A Gated Convolution and Self-Attention-Based Pyramid Image Inpainting Network. <i>Journal of Circuits, Systems and Computers</i> ,	0.9	
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17	Research on energy saving technology at mobile edge networks of IoTs based on big data analysis. <i>Complex &amp; Intelligent Systems</i> ,	7.1	o
16	Digital twins supported equipment maintenance model in intelligent water conservancy. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 101, 108033	4.3	3
15	An image watermark removal method for secure internet of things applications based on federated learning. <i>Expert Systems</i> ,	2.1	
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13	A Neural Network-Based Navigation Approach for Autonomous Mobile Robot Systems. <b>2022</b> , 12, 7796		3
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7	Deep Learning-Based Channel Estimation for HPO-MIMO Systems in IoV Scenario. <b>2022</b> ,		o
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5	ViterbiNet-Based Signal Detection for OTFS System. <b>2023</b> , 1-1		o
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3	Real-time medical image encryption for H-IoT applications using improved sequences from chaotic maps. <b>2023</b> , 90, 131-145	o
2	Dynamic User Resource Allocation for Downlink Multicarrier NOMA with an Actor-Critic Method. <b>2023</b> , 16, 2984	o
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