

Jichun Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

404
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Rolling Indentation Probe for Tissue Abnormality Identification During Minimally Invasive Surgery. IEEE Transactions on Robotics, 2011, 27, 450-460.	10.3	75
2	A new noise-tolerant and predefined-time ZNN model for time-dependent matrix inversion. Neural Networks, 2019, 117, 124-134.	5.9	68
3	New Noise-Tolerant ZNN Models With Predefined-Time Convergence for Time-Variant Sylvester Equation Solving. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3629-3640.	9.3	37
4	Design and Comprehensive Analysis of a Noise-Tolerant ZNN Model With Limited-Time Convergence for Time-Dependent Nonlinear Minimization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5339-5348.	11.3	36
5	Design and Analysis of Two FTRNN Models With Application to Time-Varying Sylvester Equation. IEEE Access, 2019, 7, 58945-58950.	4.2	35
6	A Noise-Tolerant Zeroing Neural Network for Time-Dependent Complex Matrix Inversion Under Various Kinds of Noises. IEEE Transactions on Industrial Informatics, 2020, 16, 3757-3766.	11.3	34
7	Mobile Charging as a Service: A Reservation-Based Approach. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1976-1988.	5.2	21
8	Tissue stiffness simulation and abnormality localization using pseudo-haptic feedback. , 2012, , .		16
9	An Improved Complex-Valued Recurrent Neural Network Model for Time-Varying Complex-Valued Sylvester Equation. IEEE Access, 2019, 7, 19291-19302.	4.2	15
10	Performance analysis of nonlinear activated zeroing neural networks for time-varying matrix pseudoinversion with application. Applied Soft Computing Journal, 2021, 98, 106735.	7.2	14
11	A Fully Automated Robot for the Preparation of Fungal Samples for FTIR Spectroscopy Using Deep Learning. IEEE Access, 2019, 7, 132763-132774.	4.2	12
12	Design and analysis of three nonlinearly activated ZNN models for solving time-varying linear matrix inequalities in finite time. Neurocomputing, 2020, 390, 78-87.	5.9	12
13	A Modular Liquid Sample Handling Robot for High-Throughput Fourier Transform Infrared Spectroscopy. Mechanisms and Machine Science, 2016, , 769-778.	0.5	8
14	ZNNs With a Varying-Parameter Design Formula for Dynamic Sylvester Quaternion Matrix Equation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9981-9991.	11.3	6
15	A stiffness probe based on force and vision sensing for soft tissue diagnosis. , 2012, 2012, 944-7.		5
16	Ex vivo study of prostate cancer localization using rolling mechanical imaging towards minimally invasive surgery. Medical Engineering and Physics, 2017, 43, 112-117.	1.7	4
17	Exploiting Delay Budget Flexibility for Efficient Group Delivery in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 6593-6605.	8.7	3
18	Miniaturized force-indentation depth sensor for tissue abnormality identification during laparoscopic surgery. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	A Comparative Study Between an Improved Novel Air-Cushion Sensor and a Wheeled Probe for Minimally Invasive Surgery. Journal of Endourology, 2010, 24, 1155-1159.	2.1	1
20	A Passive Robotic Platform for Three-Dimensional Scanning of Ex Vivo Soft Tissue. , 2012, , 477-485.		1
21	A novel parallel laser driver circuit with adaptive bandwidth. , 2005, , .		0