

# Danchi Jiang

## List of Publications by Year in descending order

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49  
papers

880  
citations

1040018

9  
h-index

713444

21  
g-index

49  
all docs

49  
docs citations

49  
times ranked

581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Augmented Reality Lights for Compromised Visibility Navigation. Journal of Marine Science and Engineering, 2020, 8, 1014.	2.6	5
2	Entropy Method for Structural Health Monitoring Based on Statistical Cause and Effect Analysis of Acoustic Emission and Vibration Signals. IEEE Access, 2019, 7, 172515-172525.	4.2	9
3	Asynchronous consensus for optimal power flow control in smart grid with zero power mismatch. Journal of Modern Power Systems and Clean Energy, 2018, 6, 412-422.	5.4	8
4	Progressive ZP-OFDM for Image Transmission Over Underwater Time-Dispersive Fading Channels. , 2018, , .		2
5	A novel method for assessing proximal tibiofibular joint on MR images in patients with knee osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 1675-1682.	1.3	5
6	Fully generalised spatial modulation technique for underwater communication. Electronics Letters, 2018, 54, 907-909.	1.0	24
7	The morphological parameters of proximal tibiofibular joint predict incident radiographic osteoarthritis: data from osteoarthritis initiative. Osteoarthritis and Cartilage, 2018, 26, S443.	1.3	0
8	OP0055â€¦A novel method for assessing proximal tibiofibular joint on mr images in patients with knee osteoarthritis. , 2018, , .		0
9	Smart Grid Optimization Through Asynchronous, Distributed Primal Dual Iterations. IEEE Transactions on Smart Grid, 2017, 8, 2324-2331.	9.0	8
10	Spectrum and Energy Efficient OFDM Multicarrier Modulation for an Underwater Acoustic Channel. Wireless Personal Communications, 2017, 96, 1577-1593.	2.7	13
11	An asynchronous, distributed protocol for DC power management in a smart building. , 2017, , .		0
12	Adaptive Rician denoising with edge preservation for MR images of the articular cartilage. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2016, 4, 296-305.	1.9	1
13	Constrained coordinated distributed control of smart grid with asynchronous information exchange. Journal of Modern Power Systems and Clean Energy, 2015, 3, 512-525.	5.4	11
14	Edge localisation in MRI for images with signalâ€¦dependent noise. Electronics Letters, 2015, 51, 1151-1153.	1.0	0
15	Automated and optimal detection of 3D articular cartilage using undecimated wavelets in MRI. Signal, Image and Video Processing, 2015, 9, 305-314.	2.7	0
16	Time reversal timeâ€¦domain synchronisation orthogonal frequency division multiplexing over multipath fading channels with significant tap delays. Journal of Engineering, 2014, 2014, 358-367.	1.1	2
17	Zeroâ€¦pseudorandom noise training OFDM. Electronics Letters, 2014, 50, 650-652.	1.0	19
18	Cartilage signal intensity on T1-weighted MRI: association with risk factors and measures of knee osteoarthritis. Clinical Rheumatology, 2014, 33, 359-368.	2.2	6

#	ARTICLE	IF	CITATIONS
19	Adaptive SNR filtering technique for Rician noise denoising in MRI. , 2013, , .		2
20	SPIHT coded image transmission over underwater acoustic channel with unequal error protection using HQAM. , 2013, , .		5
21	A SOM algorithm based procedure for MRI image processing under significant Rician noise. , 2013, , .		0
22	Multi-layer perceptron training algorithms for pattern recognition of myoelectric signals. , 2013, , .		5
23	A novel partitioning strategy for distribution networks featuring many small scale generators. , 2013, , .		11
24	Image transmission over underwater acoustic environment using OFDM technique with HQAM mapper. , 2013, , .		13
25	OFDM Inter-Carrier Interference reduction using pulse shaping function for underwater acoustic communications systems. , 2013, , .		3
26	Automated background segmentation for Rician noise estimation of noisy MR images. , 2012, , .		1
27	Articular cartilage segmentation in noisy MR images of human knee. , 2012, , .		4
28	Global Optimal Beamforming for Multi-Symbol MIMO Communications. , 2008, , .		3
29	Intelligent computing for real-time solution of time-varying linear equations. International Journal of Intelligent Systems Technologies and Applications, 2007, 3, 309.	0.2	0
30	Self-concordant functions for optimization on smooth manifolds. Journal of Global Optimization, 2007, 38, 437-457.	1.8	4
31	Optimal Bit Loading Algorithm for Power-Line Communication Systems subject to Individual Channel Power Constraints. , 2006, , .		11
32	Self-concordant functions for optimization on smooth manifolds. , 2004, , .		4
33	A recurrent neural network for solving Sylvester equation with time-varying coefficients. IEEE Transactions on Neural Networks, 2002, 13, 1053-1063.	4.2	454
34	Augmented gradient flows for on-line robust pole assignment via state and output feedback. Automatica, 2002, 38, 279-286.	5.0	29
35	On-line learning of dynamical systems in the presence of model mismatch and disturbances. IEEE Transactions on Neural Networks, 2000, 11, 1272-1283.	4.2	8
36	A recurrent neural network for online design of robust optimal filters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2000, 47, 921-926.	0.1	3

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37	A Lagrangian network for kinematic control of redundant robot manipulators. IEEE Transactions on Neural Networks, 1999, 10, 1123-1132.	4.2	89
38	A recurrent neural network for real-time semidefinite programming. IEEE Transactions on Neural Networks, 1999, 10, 81-93.	4.2	11
39	A recurrent neural network for global asymptotic tracking control of disturbed nonlinear systems. , 1998, , .		0
40	Sensitivity Reduction of Constraint Forces and Position Control for Mechanical Descriptor Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 1997, 119, 286-289.	1.6	0
41	Least squares pole assignment by memoryless output feedback. Systems and Control Letters, 1996, 29, 31-42.	2.3	5
42	A gradient flow approach to decentralised output feedback optimal control. Systems and Control Letters, 1996, 27, 223-231.	2.3	11
43	A recurrent neural network for real-time computation of semidefinite programming. , 0, , .		2
44	A rank preserving flow algorithm for quadratic optimization problems subject to quadratic equality constraints. , 0, , .		3
45	Stable artificial neural networks for robust pole assignment. , 0, , .		1
46	Analog computing for real-time solution of time-varying linear equations. , 0, , .		3
47	A finite step scheme for general near-optimal stochastic control. , 0, , .		0
48	Neural Network Prediction of Radio Propagation. , 0, , .		4
49	On achieving optimal throughput with network coding. , 0, , .		78