

Tuan Hoang

List of Publications by Year in descending order

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267
papers

6,786
citations

76196

40
h-index

74018

75
g-index

267
all docs

267
docs citations

267
times ranked

4904
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameterized linear matrix inequality techniques in fuzzy control system design. IEEE Transactions on Fuzzy Systems, 2001, 9, 324-332.	6.5	1,006
2	Fast Global Optimal Power Allocation in Wireless Networks by Local D.C. Programming. IEEE Transactions on Wireless Communications, 2012, 11, 510-515.	6.1	299
3	Efficient Tensor Completion for Color Image and Video Recovery: Low-Rank Tensor Train. IEEE Transactions on Image Processing, 2017, 26, 2466-2479.	6.0	259
4	Parameterized LMIs in Control Theory. SIAM Journal on Control and Optimization, 2000, 38, 1241-1264.	1.1	206
5	A Gaussian Mixture PHD Filter for Jump Markov System Models. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 919-936.	2.6	155
6	UAV-Enabled Communication Using NOMA. IEEE Transactions on Communications, 2019, 67, 5126-5138.	4.9	151
7	Infinite projected entangled pair states algorithm improved: Fast full update and gauge fixing. Physical Review B, 2015, 92, .	1.1	141
8	Physical Layer Security in Cooperative Energy Harvesting Networks With a Friendly Jammer. IEEE Wireless Communications Letters, 2017, 6, 174-177.	3.2	127
9	Joint Optimization of Cooperative Beamforming and Relay Assignment in Multi-User Wireless Relay Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5481-5495.	6.1	123
10	Missile autopilot design via a multi-channel LFT/LPV control method. International Journal of Robust and Nonlinear Control, 2002, 12, 1-20.	2.1	111
11	Model Predictive Control for Smart Grids With Multiple Electric-Vehicle Charging Stations. IEEE Transactions on Smart Grid, 2019, 10, 2127-2136.	6.2	103
12	Robust control via concave minimization local and global algorithms. IEEE Transactions on Automatic Control, 2000, 45, 299-305.	3.6	100
13	Spectral and Energy Efficiencies in Full-Duplex Wireless Information and Power Transfer. IEEE Transactions on Communications, 2017, 65, 2220-2233.	4.9	97
14	Fractional Time Exploitation for Serving IoT Users with Guaranteed QoS by 5G Spectrum. IEEE Communications Magazine, 2018, 56, 128-133.	4.9	97
15	Joint Load Balancing and Interference Management for Small-Cell Heterogeneous Networks With Limited Backhaul Capacity. IEEE Transactions on Wireless Communications, 2017, 16, 872-884.	6.1	95
16	Cell-Free Massive MIMO Networks: Optimal Power Control Against Active Eavesdropping. IEEE Transactions on Communications, 2018, 66, 4724-4737.	4.9	95
17	Nonsmooth Optimization for Efficient Beamforming in Cognitive Radio Multicast Transmission. IEEE Transactions on Signal Processing, 2012, 60, 2941-2951.	3.2	94
18	Precoder Design for Signal Superposition in MIMO-NOMA Multicell Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2681-2695.	9.7	94

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19	Successive Convex Quadratic Programming for Quality-of-Service Management in Full-Duplex MU-MIMO Multicell Networks. IEEE Transactions on Communications, 2016, 64, 2340-2353.	4.9	87
20	Wireless Information and Power Transfer for IoT Applications in Overlay Cognitive Radio Networks. IEEE Internet of Things Journal, 2019, 6, 3257-3270.	5.5	80
21	Joint Optimization of Source Precoding and Relay Beamforming in Wireless MIMO Relay Networks. IEEE Transactions on Communications, 2014, 62, 488-499.	4.9	77
22	Mixed H ₂ /H _∞ multi-channel linear parameter-varying control in discrete time. Systems and Control Letters, 2000, 41, 333-346.	1.3	73
23	Beamforming Design for Wireless Information and Power Transfer Systems: Receive Power-Splitting Versus Transmit Time-Switching. IEEE Transactions on Communications, 2017, 65, 876-889.	4.9	72
24	Optimal Video Streaming in Dense 5G Networks With D2D Communications. IEEE Access, 2018, 6, 209-223.	2.6	72
25	Low nonconvexity-rank bilinear matrix inequalities: algorithms and applications in robust controller and structure designs. IEEE Transactions on Automatic Control, 2000, 45, 2111-2117.	3.6	70
26	Secrecy Rate Beamforming for Multicell Networks With Information and Energy Harvesting. IEEE Transactions on Signal Processing, 2017, 65, 677-689.	3.2	68
27	Real-Time Optimal Resource Allocation for Embedded UAV Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 225-228.	3.2	68
28	D.C. optimization approach to robust control: Feasibility problems. International Journal of Control, 2000, 73, 89-104.	1.2	66
29	MIMO Energy Harvesting in Full-Duplex Multi-User Networks. IEEE Transactions on Wireless Communications, 2017, 16, 3282-3297.	6.1	64
30	Concave Programming in Control Theory. Journal of Global Optimization, 1999, 15, 343-370.	1.1	62
31	Power Allocation for Energy Efficiency and Secrecy of Wireless Interference Networks. IEEE Transactions on Wireless Communications, 2018, 17, 3737-3751.	6.1	61
32	A Dielectric Model of Human Breast Tissue in Terahertz Regime. IEEE Transactions on Biomedical Engineering, 2015, 62, 699-707.	2.5	59
33	Resource Allocation and Beamforming Design in the Short Blocklength Regime for URLLC. IEEE Transactions on Wireless Communications, 2021, 20, 1321-1335.	6.1	57
34	Downlink Beamforming for Energy-Efficient Heterogeneous Networks With Massive MIMO and Small Cells. IEEE Transactions on Wireless Communications, 2018, 17, 3386-3400.	6.1	51
35	Joint Design of Reconfigurable Intelligent Surfaces and Transmit Beamforming Under Proper and Improper Gaussian Signaling. IEEE Journal on Selected Areas in Communications, 2020, 38, 2589-2603.	9.7	49
36	New Fuzzy Control Model and Dynamic Output Feedback Parallel Distributed Compensation. IEEE Transactions on Fuzzy Systems, 2004, 12, 13-21.	6.5	48

#	ARTICLE	IF	CITATIONS
37	Secure Massive MIMO With the Artificial Noise-Aided Downlink Training. IEEE Journal on Selected Areas in Communications, 2018, 36, 802-816.	9.7	48
38	Beamforming Optimization in Multi-User Amplify-and-Forward Wireless Relay Networks. IEEE Transactions on Wireless Communications, 2012, 11, 1510-1520.	6.1	44
39	Multi-User Regularized Zero-Forcing Beamforming. IEEE Transactions on Signal Processing, 2019, 67, 2839-2853.	3.2	43
40	Nonlinear H/sub ∞ / control for an integrated suspension system via parameterized linear matrix inequality characterizations. IEEE Transactions on Control Systems Technology, 2001, 9, 175-185.	3.2	42
41	Scalable Energy Management for Low Voltage Microgrids Using Multi-Agent Storage System Aggregation. IEEE Transactions on Power Systems, 2018, 33, 1614-1623.	4.6	42
42	Non-Orthogonal Multiple Access With Improper Gaussian Signaling. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 496-507.	7.3	42
43	Optimal Superimposed Training Design for Spatially Correlated Fading MIMO Channels. IEEE Transactions on Wireless Communications, 2008, 7, 3206-3217.	6.1	40
44	NOMA Throughput and Energy Efficiency in Energy Harvesting Enabled Networks. IEEE Transactions on Communications, 2019, 67, 6499-6511.	4.9	38
45	Cell-Free Massive MIMO in the Short Blocklength Regime for URLLC. IEEE Transactions on Wireless Communications, 2021, 20, 5861-5871.	6.1	38
46	Secure and Energy-Efficient Beamforming for Simultaneous Information and Energy Transfer. IEEE Transactions on Wireless Communications, 2017, 16, 7523-7537.	6.1	37
47	Beamforming Optimization for Physical Layer Security in MISO Wireless Networks. IEEE Transactions on Signal Processing, 2018, 66, 3710-3723.	3.2	37
48	Efficient Design of Cosine-Modulated Filter Banks via Convex Optimization. IEEE Transactions on Signal Processing, 2009, 57, 966-976.	3.2	36
49	A new Lagrangian dual global optimization algorithm for solving bilinear matrix inequalities. International Journal of Robust and Nonlinear Control, 2000, 10, 561-578.	2.1	35
50	Orthogonal Affine Precoding and Decoding for Channel Estimation and Source Detection in MIMO Frequency-Selective Fading Channels. IEEE Transactions on Signal Processing, 2009, 57, 1151-1162.	3.2	33
51	Full-Duplex Cyber-Weapon With Massive Arrays. IEEE Transactions on Communications, 2017, 65, 5544-5558.	4.9	33
52	Learning-Aided Realtime Performance Optimisation of Cognitive UAV-Assisted Disaster Communication. , 2019, , .		33
53	Generalized S-Lemma and strong duality in nonconvex quadratic programming. Journal of Global Optimization, 2013, 56, 1045-1072.	1.1	31
54	The Potential of the Double Debye Parameters to Discriminate Between Basal Cell Carcinoma and Normal Skin. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 990-998.	2.0	29

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55	Max-Min QoS Power Control in Generalized Cell-Free Massive MIMO-NOMA With Optimal Backhaul Combining. IEEE Transactions on Vehicular Technology, 2020, 69, 10949-10964.	3.9	28
56	Physical Layer Security: Detection of Active Eavesdropping Attacks by Support Vector Machines. IEEE Access, 2021, 9, 31595-31607.	2.6	28
57	Maximizing the Geometric Mean of User-Rates to Improve Rate-Fairness: Proper vs. Improper Gaussian Signaling. IEEE Transactions on Wireless Communications, 2022, 21, 295-309.	6.1	28
58	Hybrid Beamforming for Multi-User Millimeter-Wave Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 2943-2956.	3.9	27
59	Distributed Beamforming in Relay-Assisted Multiuser Communications. , 2009, , .		25
60	Joint D2D Assignment, Bandwidth and Power Allocation in Cognitive UAV-Enabled Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 1084-1095.	4.9	25
61	Distributed model predictive control for joint coordination of demand response and optimal power flow with renewables in smart grid. Applied Energy, 2021, 290, 116701.	5.1	25
62	A Gaussian Mixture PHD Filter for Nonlinear Jump Markov Models. , 2006, , .		24
63	Nonlinear Bayesian Filtering Using the Unscented Linear Fractional Transformation Model. IEEE Transactions on Signal Processing, 2010, 58, 477-489.	3.2	24
64	Pilot Optimization for Estimation of High-Mobility OFDM Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 8795-8806.	3.9	24
65	Low-Dimensional SDP Formulation for Large Antenna Array Synthesis. IEEE Transactions on Antennas and Propagation, 2007, 55, 1716-1725.	3.1	23
66	Optimized Training Sequences for Spatially Correlated MIMO-OFDM. IEEE Transactions on Wireless Communications, 2010, 9, 2768-2778.	6.1	23
67	Optimization of Cooperative Beamforming for SC-FDMA Multi-User Multi-Relay Networks by Tractable D.C. Programming. IEEE Transactions on Signal Processing, 2013, 61, 467-479.	3.2	23
68	PMU Placement Optimization for Efficient State Estimation in Smart Grid. IEEE Journal on Selected Areas in Communications, 2020, 38, 71-83.	9.7	23
69	Secure UAV-Enabled Communication Using Han's Kobayashi Signaling. IEEE Transactions on Wireless Communications, 2020, 19, 2905-2919.	6.1	23
70	Power Allocation in MMSE Relaying over Frequency-Selective Rayleigh Fading Channels. IEEE Transactions on Communications, 2010, 58, 3330-3343.	4.9	22
71	Optimal Feature Extraction and Classification of Tensors via Matrix Product State Decomposition. , 2015, , .		22
72	Successive Interference Mitigation in Multiuser MIMO Channels. IEEE Transactions on Communications, 2015, 63, 2185-2199.	4.9	22

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73	Collaborative Multicast Beamforming for Content Delivery by Cache-Enabled Ultra Dense Networks. IEEE Transactions on Communications, 2019, 67, 3396-3406.	4.9	22
74	UAV-Aided Two-Way Multi-User Relaying. IEEE Transactions on Communications, 2021, 69, 246-260.	4.9	22
75	Low-order IIR filter bank design. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 1673-1683.	0.1	21
76	MIMO Beamforming for Secure and Energy-Efficient Wireless Communication. IEEE Signal Processing Letters, 2017, 24, 236-239.	2.1	21
77	Joint Power Allocation and Beamforming for Energy-Efficient Two-Way Multi-Relay Communications. IEEE Transactions on Wireless Communications, 2017, 16, 6660-6671.	6.1	21
78	Debye Parameter Extraction for Characterizing Interaction of Terahertz Radiation With Human Skin Tissue. IEEE Transactions on Biomedical Engineering, 2013, 60, 1528-1537.	2.5	20
79	Joint Optimization of Source Power Allocation and Cooperative Beamforming for SC-FDMA Multi-User Multi-Relay Networks. IEEE Transactions on Communications, 2013, 61, 2248-2259.	4.9	20
80	Low-Latency Multiuser Two-Way Wireless Relaying for Spectral and Energy Efficiencies. IEEE Transactions on Signal Processing, 2018, 66, 4362-4376.	3.2	20
81	Improper Gaussian Signaling for Integrated Data and Energy Networking. IEEE Transactions on Communications, 2020, 68, 3922-3934.	4.9	20
82	Matrix Product State for Higher-Order Tensor Compression and Classification. IEEE Transactions on Signal Processing, 2017, 65, 4019-4030.	3.2	19
83	Energy-Efficient Signalling in QoS Constrained Heterogeneous Networks. IEEE Access, 2016, 4, 7958-7966.	2.6	18
84	MPC-Based UAV Navigation for Simultaneous Solar-Energy Harvesting and Two-Way Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3459-3474.	9.7	18
85	Nonsmooth Optimization for Beamforming in Cognitive Multicast Transmission. , 2010, , .		17
86	Relay Assignment for Max-Min Capacity in Cooperative Wireless Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2387-2394.	3.9	17
87	Joint network embedding and server consolidation for energy-efficient dynamic data center virtualization. Computer Networks, 2017, 125, 76-89.	3.2	17
88	Improper Gaussian Signaling for Broadcast Interference Networks. IEEE Signal Processing Letters, 2019, 26, 808-812.	2.1	17
89	Power Allocation in Orthogonal Wireless Relay Networks With Partial Channel State Information. IEEE Transactions on Signal Processing, 2010, 58, 869-878.	3.2	16
90	Superimposed training designs for spatially correlated MIMO-OFDM systems. IEEE Transactions on Wireless Communications, 2010, 9, 876-880.	6.1	16

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91	Optimal Design of FIR Triplet Halfband Filter Bank and Application in Image Coding. IEEE Transactions on Image Processing, 2011, 20, 586-591.	6.0	16
92	Relay Beamforming Designs in Multi-User Wireless Relay Networks Based on Throughput Maximin Optimization. IEEE Transactions on Communications, 2013, 61, 1739-1749.	4.9	16
93	Decentralised model predictive control with stability constraints and its application in process control. Journal of Process Control, 2015, 26, 73-89.	1.7	16
94	Path-Following Algorithms for Beamforming and Signal Splitting in RF Energy Harvesting Networks. IEEE Communications Letters, 2016, 20, 1687-1690.	2.5	16
95	Signal Superposition in NOMA With Proper and Improper Gaussian Signaling. IEEE Transactions on Communications, 2020, 68, 6537-6551.	4.9	16
96	Stabilising agent design for the control of interconnected systems. International Journal of Control, 2011, 84, 1140-1156.	1.2	15
97	Energy-Efficient Multi-Cell Massive MIMO Subject to Minimum User-Rate Constraints. IEEE Transactions on Communications, 2021, 69, 914-928.	4.9	15
98	Training Signal and Precoder Designs for OFDM Under Colored Noise. IEEE Transactions on Vehicular Technology, 2008, 57, 3911-3917.	3.9	14
99	Secure Massive MIMO Relaying Systems in a Poisson Field of Eavesdroppers. IEEE Transactions on Communications, 2017, 65, 4857-4870.	4.9	14
100	Physical Layer Security by Exploiting Interference and Heterogeneous Signaling. IEEE Wireless Communications, 2019, 26, 26-31.	6.6	14
101	Security and Energy Harvesting for MIMO-OFDM Networks. IEEE Transactions on Communications, 2020, 68, 2593-2606.	4.9	14
102	LMI Characterization for The Convex Hull of Trigonometric Curves and Applications. , 0, , .		13
103	Efficient Large-Scale Filter/Filterbank Design via LMI Characterization of Trigonometric Curves. IEEE Transactions on Signal Processing, 2007, 55, 4393-4404.	3.2	13
104	Globally Optimized Power Allocation in Multiple Sensor Fusion for Linear and Nonlinear Networks. IEEE Transactions on Signal Processing, 2012, 60, 903-915.	3.2	13
105	Optimized Analog Filter Designs With Flat Responses by Semidefinite Programming. IEEE Transactions on Signal Processing, 2009, 57, 944-955.	3.2	12
106	Nonconvex spectral optimization algorithms for reduced-order LPV/LFT controllers. International Journal of Robust and Nonlinear Control, 2017, 27, 4421-4442.	2.1	12
107	Optimal Training Sequences for Large-Scale MIMO-OFDM Systems. IEEE Transactions on Signal Processing, 2017, 65, 3329-3343.	3.2	12
108	Superposition Signaling in Broadcast Interference Networks. IEEE Transactions on Communications, 2017, 65, 4646-4656.	4.9	12

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109	MIMO-OFDM-Based Wireless-Powered Relaying Communication With an Energy Recycling Interface. IEEE Transactions on Communications, 2020, 68, 811-824.	4.9	12
110	Jointly Optimal Precoding/Postcoding for Colored MIMO Systems. , 0, , .		11
111	Transceiver Design for Optimizing the Energy Efficiency in Multiuser MIMO Channels. IEEE Communications Letters, 2016, 20, 1507-1510.	2.5	11
112	Beamforming and power allocation for energy-efficient massive MIMO. , 2017, , .		11
113	Global optimization for optimal power flow over transmission networks. Journal of Global Optimization, 2017, 69, 745-760.	1.1	11
114	A reverse convex programming for beamforming in cognitive multicast transmission. , 2010, , .		10
115	Concatenated image completion via tensor augmentation and completion. , 2016, , .		10
116	New linear-programming-based filter design. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 276-281.	2.3	9
117	Design of Half-Band Diamond and Fan Filters by SDP. , 2007, , .		9
118	Frequency-Selective KYP Lemma, IIR Filter, and Filter Bank Design. IEEE Transactions on Signal Processing, 2009, 57, 956-965.	3.2	9
119	New Optimized Solution Method for Beamforming in Cognitive Multicast Transmission. , 2010, , .		9
120	Improper Gaussian Signaling for Computationally Tractable Energy and Information Beamforming. IEEE Transactions on Vehicular Technology, 2020, 69, 13990-13995.	3.9	9
121	A dual frequency-selective bounded real lemma and its applications to IIR filter design. , 2006, , .		8
122	SDP for 2-d Filter Design: General Formulation and Dimension Reduction Techniques. , 0, , .		8
123	Entropy of General Gaussian Distributions and MIMO Channel Capacity Maximizing Precoder and Decoder. , 2007, , .		8
124	Symmetric Orthogonal Complex-Valued Filter Bank Design by Semidefinite Programming. IEEE Transactions on Signal Processing, 2007, 55, 4405-4414.	3.2	8
125	A Lyapunov Variable-Free KYP Lemma for SISO Continuous Systems. IEEE Transactions on Automatic Control, 2008, 53, 2669-2673.	3.6	8
126	Optimized Analog Flat Filter Design. IEEE Transactions on Signal Processing, 2010, 58, 901-906.	3.2	8

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127	Space-time beamforming for multiuser wireless relay networks. , 2011, , .		8
128	Sum-Rate Based Coordinated Beamforming in Multicell Multi-Antenna Wireless Networks. IEEE Communications Letters, 2014, 18, 1019-1022.	2.5	8
129	Energy-efficient precoding in multicell networks with full-duplex base stations. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	8
130	Transmitter-Side Wireless Information- and Power-Transfer in Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 2322-2326.	3.9	8
131	Nonsmooth Optimization Algorithms for Multicast Beamforming in Content-Centric Fog Radio Access Networks. IEEE Transactions on Signal Processing, 2020, 68, 1455-1469.	3.2	8
132	Physical Layer Security Aided Wireless Interference Networks in the Presence of Strong Eavesdropper Channels. IEEE Transactions on Information Forensics and Security, 2021, 16, 3228-3240.	4.5	8
133	Nonsmooth optimization-based beamforming in multiuser wireless relay networks. , 2010, , .		7
134	Training Designs for Amplify-and-Forward Relaying With Spatially Correlated Antennas. IEEE Transactions on Vehicular Technology, 2012, 61, 2864-2870.	3.9	7
135	Iterative D.C. Optimization of Precoding in Wireless MIMO Relaying. IEEE Transactions on Wireless Communications, 2013, 12, 1617-1627.	6.1	7
136	Joint power allocation for MIMO-OFDM full-duplex relaying communications. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	7
137	Real-Time EEG Signal Classification for Monitoring and Predicting the Transition Between Different Anaesthetic States. IEEE Transactions on Biomedical Engineering, 2021, 68, 1450-1458.	2.5	7
138	Improper Gaussian Signaling for D2D Communication Coexisting MISO Cellular Networks. IEEE Transactions on Wireless Communications, 2021, 20, 5186-5198.	6.1	7
139	Decentralised Model Predictive Control of Time-Varying Splitting Parallel Systems. , 2012, , 217-251.		7
140	Power Allocation and Error Performance of Distributed Unitary Space-Time Modulation in Wireless Relay Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 3333-3346.	3.9	6
141	System identification for Terahertz wave's propagation and reflection in human skin. , 2012, , .		6
142	Joint design of user power allocation and relay beamforming in two-way MIMO relay networks. , 2013, , .		6
143	High correlation of double Debye model parameters in skin cancer detection. , 2014, 2014, 718-21.		6
144	Iterative optimization for max-min SINR in dense small-cell multiuser MISO SWIPT system. , 2015, , .		6

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145	2D Bilinear programming for robust PID/DD controller design. International Journal of Robust and Nonlinear Control, 2017, 27, 461-482.	2.1	6
146	Joint Fractional Time Allocation and Beamforming for Downlink Multiuser MISO Systems. IEEE Communications Letters, 2017, 21, 2650-2653.	2.5	6
147	Joint Sensor and Relay Power Control in Tracking Gaussian Mixture Targets by Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2018, 66, 492-506.	3.2	6
148	Outage-Aware Secure Beamforming in MISO Wireless Interference Networks. IEEE Signal Processing Letters, 2018, 25, 956-960.	2.1	6
149	Hanâ€Kobayashi Signaling in MIMO Broadcasting. IEEE Communications Letters, 2019, 23, 855-858.	2.5	6
150	Parameterized bilinear matrix inequality techniques for gainâ€scheduling proportional integral derivative control design. International Journal of Robust and Nonlinear Control, 2020, 30, 3886-3905.	2.1	6
151	Affine Precoding and Decoding MIMO Frequency-selective Fading Channel for Estimation and Source Detection. , 2006, , .		5
152	Frequency Selective KYP Lemma and its Applications to IIR Filter Bank Design. , 2007, , .		5
153	Superimposed Training Designs for Spatially Correlated MIMO-OFDM Systems. , 2008, , .		5
154	Optimization of training sequences for spatially correlated MIMO-OFDM. , 2009, , .		5
155	Optimized Solutions for Beamforming Problems in Amplify-Forward Wireless Relay Networks. , 2011, , .		5
156	Nonsmooth optimization for optimal power flow over transmission networks. , 2015, , .		5
157	Global optimal power flow over large-scale power transmission networks. Systems and Control Letters, 2018, 118, 16-21.	1.3	5
158	Non-Coherent Multi-Level Index Modulation. IEEE Transactions on Communications, 2022, 70, 2240-2255.	4.9	5
159	Symmetric Orthogonal Complex-Valued Filter Bank Design by Semidefinite Programming. , 0, , .		4
160	High-rate space-time block coding schemes. , 2008, , .		4
161	A Novel Power Allocation Scheme for Distributed Space-Time Coding. , 2009, , .		4
162	The LFT based PHD filter for nonlinear jump Markov models in multi-target tracking. , 2009, , .		4

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163	Fast Local D.C. Programming for Optimal Power Allocation in Wireless Networks. , 2011, , .		4
164	D.C. iterations for SINR maximin multicasting in Cognitive radio. , 2012, , .		4
165	Optimization of Hierarchical Modulation for Decode-and-Forward Wireless Relay Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 4484-4493.	3.9	4
166	Interference mitigation by jointly splitting rates and beamforming for multi-cell multi-user networks. , 2013, , .		4
167	Data rate maximization based power allocation for OFDM System in a high-speed train environment. , 2015, , .		4
168	Qualitative HD Image and Video Recovery via High-Order Tensor Augmentation and Completion. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 688-701.	7.3	4
169	Relay-Aided Multi-User OFDM Relying on Joint Wireless Power Transfer and Self-Interference Recycling. IEEE Transactions on Communications, 2022, 70, 291-305.	4.9	4
170	Finite-Resolution Digital Beamforming for Multi-User Millimeter-Wave Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 9647-9662.	3.9	4
171	Monotonic Optimization Based Decoding for Linear Codes. , 0, , .		3
172	Design of Cosine-Modulated Pseudo-QMF Banks Using Semidefinite Programming Relaxation. , 2007, , .		3
173	Orthogonal affine precoder design for jointly optimal channel estimation and symbol detection in MIMO-OFDM systems. , 2007, , .		3
174	Nonsmooth μ synthesis. , 2010, , .		3
175	Optimized Power Allocation in Nonlinear Sensor Networks via Semidefinite Programming. , 2010, , .		3
176	Optimum multi-user detection by nonsmooth optimization. , 2011, , .		3
177	Training signal designs for spatially correlated multi-user multi-input multi-output with orthogonal frequency-division multiplexing systems. IET Communications, 2012, 6, 2630-2638.	1.5	3
178	Monotonic optimization based decoding for linear codes. Journal of Global Optimization, 2013, 55, 301-312.	1.1	3
179	Maximisation of sum rate in cognitive multi-cell wireless networks with QoS constraints. , 2014, , .		3
180	Breast Cancer classification using extracted parameters from a terahertz dielectric model of human breast tissue. , 2015, 2015, 2804-7.		3

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181	Secrecy Rate Beamforming for Multi-Cell SWIPT Networks. , 2016, , .		3
182	Security in MIMO-OFDM SWIPT Networks. , 2018, , .		3
183	Optimization for Signal Transmission and Reception in a Macrocell of Heterogeneous Uplinks and Downlinks. IEEE Transactions on Communications, 2020, 68, 7054-7067.	4.9	3
184	Model predictive control for onâ€œoff charging of electrical vehicles in smart grids. IET Electrical Systems in Transportation, 2021, 11, 121-133.	1.5	3
185	Beam Pattern Synthesis for Large Symmetric Arrays with Bounds on Sidelobe and Mainlobe Levels. , 2005, , .		2
186	Mask constrained beam pattern synthesis for large arrays. , 0, , .		2
187	Robust watermarking with improved modified spread spectrum. , 2007, , .		2
188	An Effective Global Optimization Algorithm for Wireless MIMO Channel Estimation. , 2007, , .		2
189	Optimal training sequence design for MIMO-OFDM in spatially correlated fading. , 2008, , .		2
190	A modified spatial spread spectrum method for digital image watermarking. , 2008, , .		2
191	Jointly Optimal Signature Sequences and Power Allocation for CDMA Systems. IEEE Transactions on Wireless Communications, 2008, 7, 4122-4127.	6.1	2
192	Power Allocation in Wireless Relay Networks with Partial Channel State Information. , 2009, , .		2
193	Non-Orthogonal Amplify-And-Forward Relaying with Partial Channel State Information. , 2010, , .		2
194	Semi-definite programming for distributed tracking of dynamic objects by nonlinear sensor network. , 2011, , .		2
195	Toward Plant-wide Control of Reticulated Systems Arising in Alumina Refineries with Online Stabilisation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 10529-10534.	0.4	2
196	Global optimization for human skin investigation in terahertz. , 2012, 2012, 5474-7.		2
197	Bregman divergence based sensor selections for spectrum sensing. , 2012, , .		2
198	Maximin relay beamforming in multi-user amplify-forward wireless relay networks. , 2012, , .		2

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200	Optimized coordinated precoding in multicell MIMO wireless systems. , 2013, , .		2
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