

Daniel C Lee

List of Publications by Year in descending order

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48
papers

200
citations

1937457

4
h-index

1281743

11
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48
all docs

48
docs citations

48
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Recursive Approximation of Bitwise LLRs for Gray-Coded Generalized PAM and QAM. IEEE Communications Letters, 2022, 26, 1938-1941.	2.5	0
2	Maximizing the AWGN-Channel Capacity of the GQAM Constellation with Two Degrees of Freedom. , 2020, , .		0
3	Investigation into Parameter Choice in Use of the Enhanced Fireworks Algorithm to Optimize Noise Covariances used in Extended Kalman Filter Speed Estimation for an Induction Motor Drive System. , 2020, , .		1
4	Calculation and error bound of Min-approximated bitwise log-likelihood ratios of generalised M -ary PAM. Journal of Engineering, 2020, 2020, 104-106.	0.6	1
5	Optimal Labeling with Cyclic Gray Codes for Generalized 16PAM Constellations. , 2020, , .		1
6	Constellation Design with Equal-probability Partition of a Cropped Gaussian Distribution. , 2020, , .		5
7	Optimising the power using firework-based evolutionary algorithms for emerging IoT applications. IET Networks, 2019, 8, 15-31.	1.1	14
8	Optimization of a Rectangular QAM Constellation for Coded Systems. , 2019, , .		0
9	Optimizing the Bit Transmission Power for Link Layer Energy Efficiency Under Imperfect CSI. IEEE Transactions on Wireless Communications, 2018, 17, 29-40.	6.1	4
10	Optimizing Data Transmission Power for ARQ Energy Efficiency under Imperfect CSI. , 2017, , .		0
11	Achieving maximal sum-rate capacity of two-way cognitive radio with relays operating in separate bands through MO. , 2017, , .		1
12	Monotonic Optimization for Power Assignment in Two-Way Cognitive Radio Networks with Shared-Band Amplify-and-Forward Relays. , 2017, , .		1
13	Max-min optimization of transmission powers in the two-way cognitive radio network assisted by orthogonally signaling relays. , 2017, , .		1
14	Maximizing energy efficiency over imperfectly known fading channel gains. , 2017, , .		0
15	On the imperfection of channel estimation, relay's forwarding policy and destination's knowledge of signal presence. , 2016, , .		0
16	Optimizing the energy efficient VM placement by IEFWA and hybrid IEFWA/BBO algorithms. , 2016, , .		4
17	Designing an extended Kalman filter for estimating speed and flux of an induction motor with unknown noise covariance. , 2016, , .		2
18	Gradient-based methods of tuning noise covariance for an induction motor model. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Efficient multiple personal wireless hub assignment in next generation healthcare facilities. , 2015, , .		2
20	A biogeography-based optimization algorithm for energy efficient virtual machine placement. , 2014, , .		8
21	Design and Analysis of Symbol Detection Schemes with Imperfect CSI for SDF-Relay Networks. , 2014, , .		1
22	Tight Bound on the Error Probability of Rotation Code in Rayleigh Fading Channels. , 2014, , .		1
23	Optimal energy allocation between pilot and data symbols for minimizing frame error probability under imperfect fading channel information. , 2014, , .		5
24	Optimizing Bit Transmission Power for Link Layer Energy Efficiency. , 2014, , .		2
25	Power Allocation and Relay Assignment for Shared-Band Nonregenerative Relaying in Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 2853-2859.	3.9	4
26	EDA-Based Scheduling of Users in the MIMO Multiple Access Channel. Wireless Personal Communications, 2013, 71, 467-490.	1.8	1
27	Broadband wireless network planning using evolutionary algorithms. , 2013, , .		4
28	Discrete Artificial Bee Colony for Computationally Efficient Symbol Detection in Multidevice STBC MIMO Systems. Advances in Artificial Intelligence, 2013, 2013, 1-14.	0.9	2
29	Estimation of Distribution Algorithm for green resource allocation in cognitive radio systems. , 2012, , .		3
30	Swarm Intelligence for Sensor Selection Problems. IEEE Sensors Journal, 2012, 12, 2577-2585.	2.4	26
31	Biogeography-based optimization for joint relay assignment and power allocation in cognitive radio systems. , 2011, , .		7
32	Resource allocation in bidirectional cooperative cognitive radio networks using swarm intelligence. , 2011, , .		9
33	A low complexity evolutionary algorithm for multi-user MIMO detection. , 2011, , .		2
34	Wireless Mesh Network Planning Using Quantum Inspired Evolutionary Algorithm. , 2011, , .		7
35	Quantum Inspired Evolutionary algorithm for joint user selection and power allocation for uplink cognitive MIMO systems. , 2011, , .		1
36	Source and Relay Power Selection Using Biogeography-Based Optimization for Cognitive Radio Systems. , 2011, , .		11

#	ARTICLE	IF	CITATIONS
37	Global Optimization Algorithm and sub-optimal algorithms for power allocation in two-way relay assisted cognitive radio networks. , 2011, , .		5
38	Gains in Error-Constrained Data Throughput from Extremely Fast Adaptation of Symbol Durations over Multi-Path Fading Channels: Coded and Uncoded Systems. IEEE Transactions on Communications, 2011, 59, 2763-2775.	4.9	0
39	On the Performance of Imperfect Channel Estimation for Vehicular Ad-Hoc Networks. , 2010, , .		6
40	Joint user selection and quantized power control schemes for uplink cognitive MIMO systems. , 2010, , .		0
41	An Analytic Approach to Efficiently Computing Call Blocking Probabilities for Multiclass WDM Networks. IEEE/ACM Transactions on Networking, 2009, 17, 658-670.	2.6	36
42	On the throughput gain for rapid dynamic symbol duration adaptation within discrete duration sets. , 2009, , .		0
43	On Error-Constrained Data Throughput of Rapid Symbol Duration Adaptation with Imperfect Channel Information. , 2008, , .		0
44	Performance Loss Due to Imperfect Knowledge of Offered Load in CAC Policies. , 2008, , .		0
45	Complexity Analysis of Optimal Stationary Call Admission Policy and Fixed Set Partitioning Policy for OVSF-CDMA Cellular Systems. , 2007, , .		1
46	Gains achieved by symbol-by-symbol rate adaptation on error-constrained data throughput over fading channels. Journal of Communications and Networks, 2007, 9, 213-218.	1.8	3
47	Route-metric-based dynamic routing and wavelength assignment for multifiber WDM networks. IEEE Journal on Selected Areas in Communications, 2006, 24, 56-68.	9.7	14
48	Proof of Monotone Loss Rate of Fluid Priority-Queue with Finite Buffer. Queueing Systems, 2005, 51, 77-87.	0.6	1