

Hari Krishna Garg

List of Publications by Year in descending order

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38
papers

1,444
citations

933447

10
h-index

888059

17
g-index

38
all docs

38
docs citations

38
times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Pedestrian Dead Reckoning with Turn-Based Correction. , 2018, , .		2
2	Cooperative Multichannel Directional Medium Access Control for Ad Hoc Networks. IEEE Systems Journal, 2017, 11, 2675-2686.	4.6	9
3	New residue arithmetic based Barrett algorithms: Modular polynomial computations. , 2017, , .		1
4	New Error Control Algorithms for Residue Number System Codes. ETRI Journal, 2016, 38, 326-336.	2.0	15
5	Symmetric polynomial & CRT based algorithms for multiple frequency determination from undersampled waveforms. , 2016, , .		3
6	New Residue Arithmetic Based Barrett Algorithms: Modular Integer Computations. IEEE Access, 2016, 4, 4882-4890.	4.2	6
7	Multi-channel Directional Medium Access Control for ad hoc networks: A cooperative approach. , 2014, , .		5
8	Directional medium access control for ad hoc networks: A cooperation-based approach. , 2013, , .		3
9	Optimal Power Allocation Strategies for Fading Cognitive Radio Channels with Primary User Outage Constraint. IEEE Journal on Selected Areas in Communications, 2011, 29, 374-383.	14.0	194
10	Distributed Power Control for Spectrum-Sharing Femtocell Networks Using Stackelberg Game. , 2011, , .		74
11	Optimal training sequences for channel estimation in bi-directional relay networks with multiple antennas. IEEE Transactions on Communications, 2010, 58, 474-479.	7.8	46
12	Fading Cognitive Multiple Access Channels: Outage Capacity Regions and Optimal Power Allocation. IEEE Transactions on Wireless Communications, 2010, 9, 2382-2391.	9.2	24
13	Optimal Power Allocation for Fading Cognitive Multiple Access Channels: Individual Outage Capacity Region. , 2010, , .		1
14	New focusing scheme for DOA estimation of multipath clusters in WiMedia UWB systems without coarse estimation of angle of arrival. IEEE Communications Letters, 2010, 14, 103-105.	4.1	4
15	Optimal power allocation for OFDM-based cognitive radio with new primary transmission protection criteria. IEEE Transactions on Wireless Communications, 2010, 9, 2066-2075.	9.2	152
16	Power Allocation for OFDM-Based Cognitive Radio Systems with Hybrid Protection to Primary Users. , 2009, , .		3
17	Combined synchronization and power control for differentially-encoded di-symbol time-division multiuser impulse radio. IEEE Transactions on Wireless Communications, 2009, 8, 1171-1176.	9.2	0
18	Optimal power allocation for fading channels in cognitive radio networks: Ergodic capacity and outage capacity. IEEE Transactions on Wireless Communications, 2009, 8, 940-950.	9.2	541

#	ARTICLE	IF	CITATIONS
19	On Outage Capacity of Secondary Users in Fading Cognitive Radio Networks with Primary User's Outage Constraint. , 2009, , .		10
20	Monobit digital Eigen-based receiver for transmitted-reference UWB communications. IEEE Transactions on Wireless Communications, 2009, 8, 2312-2316.	9.2	17
21	Multiple feedback algorithm for RFID MAC protocols. IEEE Communications Letters, 2009, 13, 640-642.	4.1	2
22	Interference Channels With Common Information. IEEE Transactions on Information Theory, 2008, 54, 171-187.	2.4	45
23	On The Hanâ€Kobayashi Region for the Interference Channel. IEEE Transactions on Information Theory, 2008, 54, 3188-3195.	2.4	215
24	Efficient scheme for DOA ESTIMATION of Multipath Clusters in WiMedia UWB systems. , 2008, , .		1
25	DOA Estimation of multipath clusters in WiMedia UWB systems. , 2008, , .		3
26	The Capacity Region of a Class of Deterministic Interference Channels with Common Information. , 2007, , .		1
27	The Capacity Region of a Class of Interference Channels. , 2007, , .		5
28	On Achievable Rates for Relay Channels. , 2007, , .		5
29	Discrete Memoryless Interference Channels with Fee back. , 2007, , .		4
30	Capacity Theorems for the â€Zâ€-Channel. IEEE Transactions on Information Theory, 2007, 53, 1348-1365.	2.4	37
31	Reverberation canceling wireless aid for hearing impaired. Analog Integrated Circuits and Signal Processing, 2007, 51, 155-167.	1.4	1
32	Sub-mA single ended CMOS low noise amplifier with 2.41 dB noise figure. Analog Integrated Circuits and Signal Processing, 2006, 48, 79-83.	1.4	3
33	Capacity Theorems for the Gaussian Zigzag Channel. , 2006, , .		5
34	An Achievable Rate Region for Interference Channels with Common Information. , 2006, , .		4
35	A novel channel estimator with integrated fading rate estimation for turbo decoding in flat fading channel. European Transactions on Telecommunications, 2005, 16, 189-197.	1.2	0
36	On fast algorithms for one-dimensional digital signal processing in finite integer and complex integer rings. Circuits, Systems, and Signal Processing, 2001, 20, 619-634.	2.0	0

#	ARTICLE	IF	CITATIONS
37	On the factorization of polynomials and direct sum properties in integer polyomial rings. Circuits, Systems, and Signal Processing, 1996, 15, 415-435.	2.0	3
38	On skew circular convolution algorithms over finite integer rings. , 0, , .		0