

H Vincent Poor

List of Publications by Citations

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1,445
papers

51,037
citations

105
h-index

187
g-index

1,684
ext. papers

65,551
ext. citations

6.4
avg, IF

8.7
L-index

#	Paper	IF	Citations
1445	An Introduction to Signal Detection and Estimation. <i>Springer Texts in Electrical Engineering</i> , 1994 ,		1598
1444	Channel Coding Rate in the Finite Blocklength Regime. <i>IEEE Transactions on Information Theory</i> , 2010 , 56, 2307-2359	2.8	1491
1443	. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 1501-1505	3.2	1286
1442	Application of Non-Orthogonal Multiple Access in LTE and 5G Networks. <i>IEEE Communications Magazine</i> , 2017 , 55, 185-191	9.1	1056
1441	Cooperative Non-Orthogonal Multiple Access in 5G Systems. <i>IEEE Communications Letters</i> , 2015 , 19, 1462-1465	3.8	903
1440	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 6010-6023	6.8	887
1439	Spectrum Sensing for Cognitive Radio : State-of-the-Art and Recent Advances. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 101-116	9.4	679
1438	Cooperative Non-orthogonal Multiple Access With Simultaneous Wireless Information and Power Transfer. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 938-953	14.2	650
1437	Secure Communication Over Fading Channels. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 2470-2492	4.9	608
1436	The Application of MIMO to Non-Orthogonal Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 537-552	9.6	555
1435	Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 5536-5549	4.8	554
1434	Game-Theoretic Methods for the Smart Grid: An Overview of Microgrid Systems, Demand-Side Management, and Smart Grid Communications. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 86-105	9.4	520
1433	Optimal Multiband Joint Detection for Spectrum Sensing in Cognitive Radio Networks. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 1128-1140	4.8	461
1432	Strategic Protection Against Data Injection Attacks on Power Grids. <i>IEEE Transactions on Smart Grid</i> , 2011 , 2, 326-333	10.7	437
1431	. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 697-709	14.2	423
1430	Power Allocation Strategies in Energy Harvesting Wireless Cooperative Networks. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 846-860	9.6	414
1429	Information Theoretic Security. <i>Foundations and Trends in Communications and Information Theory</i> , 2007 , 5, 355-580	6.1	381

1428	Relay Selection for Cooperative NOMA. <i>IEEE Wireless Communications Letters</i> , 2016 , 5, 416-419	5.9	370
1427	A General MIMO Framework for NOMA Downlink and Uplink Transmission Based on Signal Alignment. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 4438-4454	9.6	366
1426	Ultrareliable and Low-Latency Wireless Communication: Tail, Risk, and Scale. <i>Proceedings of the IEEE</i> , 2018 , 106, 1834-1853	14.3	364
1425	Application of smart antenna technologies in simultaneous wireless information and power transfer 2015 , 53, 86-93		302
1424	Fundamentals of Wireless Information and Power Transfer: From RF Energy Harvester Models to Signal and System Designs. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 4-33	14.2	298
1423	Machine Learning Methods for Attack Detection in the Smart Grid. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1773-86	10.3	286
1422	Energy Efficient User Association and Power Allocation in Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1936-1947	14.2	275
1421	Fronthaul-constrained cloud radio access networks: insights and challenges. <i>IEEE Wireless Communications</i> , 2015 , 22, 152-160	13.4	272
1420	. <i>IEEE Transactions on Smart Grid</i> , 2012 , 3, 1767-1778	10.7	270
1419	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	264
1418	A Joint Learning and Communications Framework for Federated Learning Over Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 269-283	9.6	255
1417	. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 1439-1450	10.7	252
1416	Space-Time Block Coded Spatial Modulation. <i>IEEE Transactions on Communications</i> , 2011 , 59, 823-832	6.9	250
1415	. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 3454-3469	8	236
1414	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4440-4453	9.6	224
1413	Complex Elliptically Symmetric Distributions: Survey, New Results and Applications. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 5597-5625	4.8	223
1412	Scheduling Power Consumption With Price Uncertainty. <i>IEEE Transactions on Smart Grid</i> , 2011 , 2, 519-527	10.7	221
1411	. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 2487-2498	8.9	219

1410	Collaborative Cyclostationary Spectrum Sensing for Cognitive Radio Systems. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 4182-4195	4.8	214
1409	Multiple-Access Channels With Confidential Messages. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 976-1002	2.8	214
1408	Non-Orthogonal Multiple Access in Multi-Cell Networks: Theory, Performance, and Practical Challenges 2017 , 55, 176-183		212
1407	. <i>IEEE Signal Processing Magazine</i> , 2008 , 25, 60-73	9.4	211
1406	Cooperative Sensing With Imperfect Reporting Channels: Hard Decisions or Soft Decisions?. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 18-28	4.8	209
1405	Random Beamforming in Millimeter-Wave NOMA Networks. <i>IEEE Access</i> , 2017 , 5, 7667-7681	3.5	208
1404	Capacity Comparison Between MIMO-NOMA and MIMO-OMA With Multiple Users in a Cluster. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2413-2424	14.2	207
1403	MIMO Radar Using Compressive Sampling. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2010 , 4, 146-163	7.5	201
1402	Optimal selection of channel sensing order in cognitive radio. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 297-307	9.6	199
1401	. <i>IEEE Transactions on Smart Grid</i> , 2012 , 3, 1154-1169	10.7	196
1400	Auction-Based Resource Allocation for Cooperative Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 1226-1237	14.2	192
1399	Position Estimation via Ultra-Wide-Band Signals. <i>Proceedings of the IEEE</i> , 2009 , 97, 386-403	14.3	190
1398	Energy-Efficient Resource Allocation in Wireless Networks. <i>IEEE Signal Processing Magazine</i> , 2007 , 24, 58-68	9.4	188
1397	. <i>IEEE Signal Processing Magazine</i> , 2018 , 35, 90-111	9.4	187
1396	Cognitive Medium Access: Exploration, Exploitation, and Competition. <i>IEEE Transactions on Mobile Computing</i> , 2011 , 10, 239-253	4.6	187
1395	Peer-to-Peer Trading in Electricity Networks: An Overview. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 3185-3200	10.7	186
1394	. <i>IEEE Transactions on Information Forensics and Security</i> , 2013 , 8, 838-852	8	184
1393	Autocorrelation-Based Decentralized Sequential Detection of OFDM Signals in Cognitive Radios. <i>IEEE Transactions on Signal Processing</i> , 2009 , 57, 2690-2700	4.8	184

1392	Energy Storage Sharing in Smart Grid: A Modified Auction-Based Approach. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 1462-1475	10.7	177
1391	Ergodic Capacity Analysis of Remote Radio Head Associations in Cloud Radio Access Networks. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 365-368	5.9	177
1390	Scheduling Policies for Federated Learning in Wireless Networks. <i>IEEE Transactions on Communications</i> , 2020 , 68, 317-333	6.9	177
1389	Secrecy Capacity Region of a Multiple-Antenna Gaussian Broadcast Channel With Confidential Messages. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 1235-1249	2.8	175
1388	Recovering Multiplexing Loss through Successive Relaying Using Repetition Coding. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 4484-4493	9.6	174
1387	MIMO-NOMA Design for Small Packet Transmission in the Internet of Things. <i>IEEE Access</i> , 2016 , 4, 1393-1405	3.9	174
1386	Power Allocation Strategies for Target Localization in Distributed Multiple-Radar Architectures. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 3226-3240	4.8	168
1385	Quickest Detection 2008 ,		164
1384	Hybrid Beamforming for Reconfigurable Intelligent Surface based Multi-User Communications: Achievable Rates With Limited Discrete Phase Shifts. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1809-1822	14.2	163
1383	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1919-1932	4.8	163
1382	Compound Wiretap Channels. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2	161
1381	A Simple Design of IRS-NOMA Transmission. <i>IEEE Communications Letters</i> , 2020 , 24, 1119-1123	3.8	158
1380	. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 51-63	2.8	151
1379	Coordinated data-injection attack and detection in the smart grid: A detailed look at enriching detection solutions. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 106-115	9.4	151
1378	Dynamic Task Offloading and Resource Allocation for Ultra-Reliable Low-Latency Edge Computing. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4132-4150	6.9	150
1377	On the Spectral Efficiency and Security Enhancements of NOMA Assisted Multicast-Unicast Streaming. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3151-3163	6.9	144
1376	A General Robust Linear Transceiver Design for Multi-Hop Amplify-and-Forward MIMO Relaying Systems. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1196-1209	4.8	140
1375	Coalitional Game Theory for Cooperative Micro-Grid Distribution Networks 2011 ,		140

1374	Uplink Macro Diversity of Limited Backhaul Cellular Network. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 3457-3478	2.8	140
1373	A motivational game-theoretic approach for peer-to-peer energy trading in the smart grid. <i>Applied Energy</i> , 2019 , 243, 10-20	10.7	138
1372	Robust cognitive beamforming with partial channel state information. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4143-4153	9.6	137
1371	Multiple-Input Multiple-Output Gaussian Broadcast Channels With Confidential Messages. <i>IEEE Transactions on Information Theory</i> , 2010 , 56, 4215-4227	2.8	135
1370	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1674-1686	6.9	133
1369	Self-Organization in Small Cell Networks: A Reinforcement Learning Approach. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3202-3212	9.6	133
1368	Interference Assisted Secret Communication. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 3153-3168	6.8	133
1367	Cluster Content Caching: An Energy-Efficient Approach to Improve Quality of Service in Cloud Radio Access Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1207-1221	14.2	133
1366	Wireless physical layer security. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 19-26	11.5	132
1365	Design of Massive-MIMO-NOMA With Limited Feedback. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 629-633	3.2	132
1364	Coordinated Beamforming for Multi-Cell MIMO-NOMA. <i>IEEE Communications Letters</i> , 2017 , 21, 84-87	3.8	131
1363	Joint Power and Time Allocation for NOMA-MEC Offloading. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 6207-6211	6.8	128
1362	Buffering in a Three-Node Relay Network. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 4492-4496	4.6	125
1361	. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 1429-1438	10.7	120
1360	Energy-efficient resource allocation in wireless networks with quality-of-service constraints. <i>IEEE Transactions on Communications</i> , 2009 , 57, 3406-3414	6.9	120
1359	On unbounded path-loss models: effects of singularity on wireless network performance. <i>IEEE Journal on Selected Areas in Communications</i> , 2009 , 27, 1078-1092	14.2	120
1358	Impact of Non-Orthogonal Multiple Access on the Offloading of Mobile Edge Computing. <i>IEEE Transactions on Communications</i> , 2019 , 67, 375-390	6.9	120
1357	Spectrum Sensing in Cognitive Radios Based on Multiple Cyclic Frequencies 2007 ,		118

1356	Interference Alignment for Secrecy. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 3323-3332	2.8	117
1355	Reinforcement Learning-Based NOMA Power Allocation in the Presence of Smart Jamming. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 3377-3389	6.8	117
1354	Capacity of Cognitive Interference Channels With and Without Secrecy. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 604-619	2.8	116
1353	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 156-169	6.1	115
1352	Feedback in the Non-Asymptotic Regime. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 4903-4925	2.8	114
1351	Sensor Selection in Distributed Multiple-Radar Architectures for Localization: A Knapsack Problem Formulation. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 247-260	4.8	114
1350	Resource Allocation for Wireless Fading Relay Channels: Max-Min Solution. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 3432-3453	2.8	114
1349	Performance of Spatial Modulation in the Presence of Channel Estimation Errors. <i>IEEE Communications Letters</i> , 2012 , 16, 176-179	3.8	113
1348	Differential Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	112
1347	. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 1097-1107	14.2	110
1346	Latency and Reliability-Aware Task Offloading and Resource Allocation for Mobile Edge Computing 2017 ,		109
1345	Non-Line-of-Sight Node Localization Based on Semi-Definite Programming in Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 108-116	9.6	109
1344	Measurement Matrix Design for Compressive SensingBased MIMO Radar. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 5338-5352	4.8	109
1343	Coalition games with cooperative transmission: a cure for the curse of boundary nodes in selfish packet-forwarding wireless networks. <i>IEEE Transactions on Communications</i> , 2009 , 57, 203-213	6.9	107
1342	Increasing Smart Meter Privacy Through Energy Harvesting and Storage Devices. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 1331-1341	14.2	105
1341	. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 1306-1318	14.2	105
1340	Context-Aware Small Cell Networks: How Social Metrics Improve Wireless Resource Allocation. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5927-5940	9.6	104
1339	A Secure Mobile Crowdsensing Game With Deep Reinforcement Learning. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 35-47	8	103

1338	Cooperative Energy Harvesting Networks With Spatially Random Users. <i>IEEE Signal Processing Letters</i> , 2013 , 20, 1211-1214	3.2	102
1337	On the Sum Rate of MIMO-NOMA and MIMO-OMA Systems. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 534-537	5.9	100
1336	Local Base Station Cooperation Via Finite-Capacity Links for the Uplink of Linear Cellular Networks. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 190-204	2.8	100
1335	Mobile element assisted cooperative localization for wireless sensor networks with obstacles. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 956-963	9.6	100
1334	Non-Orthogonal Multiple Access: Common Myths and Critical Questions. <i>IEEE Wireless Communications</i> , 2019 , 26, 174-180	13.4	99
1333	Quickest Detection in Cognitive Radio: A Sequential Change Detection Framework 2008 ,		98
1332	Wideband Spectrum Sensing in Cognitive Radio Networks 2008 ,		98
1331	Smart meter privacy: A utility-privacy framework 2011 ,		97
1330	UAV-Enabled Communication Using NOMA. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5126-5138	6.9	96
1329	Peer-to-peer energy systems for connected communities: A review of recent advances and emerging challenges. <i>Applied Energy</i> , 2021 , 282, 116131	10.7	96
1328	Delay Minimization for NOMA-MEC Offloading. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1875-1879	3.2	96
1327	On the Synergistic Benefits of Alternating CSIT for the MISO Broadcast Channel. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 4106-4128	2.8	95
1326	High-Reliability and Low-Latency Wireless Communication for Internet of Things: Challenges, Fundamentals, and Enabling Technologies. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7946-7970	10.7	94
1325	Power Splitting-Based SWIPT With Decode-and-Forward Full-Duplex Relaying. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 7561-7577	9.6	93
1324	The Wiretap Channel With Feedback: Encryption Over the Channel. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 5059-5067	2.8	92
1323	Grid Influenced Peer-to-Peer Energy Trading. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1407-1418	10.7	92
1322	On the Throughput of Secure Hybrid-ARQ Protocols for Gaussian Block-Fading Channels. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 1575-1591	2.8	89
1321	Peer-to-Peer Energy Trading With Sustainable User Participation: A Game Theoretic Approach. <i>IEEE Access</i> , 2018 , 6, 62932-62943	3.5	89

1320	Information and inference in the wireless physical layer. <i>IEEE Wireless Communications</i> , 2012 , 19, 40-47	13.4	88
1319	User-Centric View of Jamming Games in Cognitive Radio Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 2578-2590	8	86
1318	A college admissions game for uplink user association in wireless small cell networks 2014 ,		86
1317	Rate-Splitting Unifying SDMA, OMA, NOMA, and Multicasting in MISO Broadcast Channel: A Simple Two-User Rate Analysis. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 349-353	5.9	86
1316	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2263-2272	10.7	85
1315	Two-dimensional anti-jamming communication based on deep reinforcement learning 2017 ,		84
1314	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 486-495	10.7	84
1313	. <i>IEEE Signal Processing Magazine</i> , 2020 , 37, 98-117	9.4	82
1312	Joint Channel Estimation, Equalization, and Data Detection for OFDM Systems in the Presence of Very High Mobility. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 4225-4238	4.8	82
1311	Low-Complexity MAP-Based Successive Data Detection for Coded OFDM Systems Over Highly Mobile Wireless Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2849-2857	6.8	81
1310	The multi-way relay channel 2009 ,		81
1309	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 879-892	6.6	80
1308	Energy Imbalance Management Using a Robust Pricing Scheme. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 896-904	10.7	80
1307	Ultra-Dense LEO: Integration of Satellite Access Networks into 5G and Beyond. <i>IEEE Wireless Communications</i> , 2019 , 26, 62-69	13.4	79
1306	Physics-Based Modeling and Scalable Optimization of Large Intelligent Reflecting Surfaces. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2673-2691	6.9	79
1305	Fast Numerical Nonlinear Fourier Transforms. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 6957-6974	7.4	78
1304	Spectral and Energy Efficiencies in Full-Duplex Wireless Information and Power Transfer. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2220-2233	6.9	77
1303	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2012 , 6, 195-209	7.5	77

1302	Price Discrimination for Energy Trading in Smart Grid: A Game Theoretic Approach. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1790-1801	10.7	76
1301	Energy Efficient Dynamic Resource Optimization in NOMA System. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 5671-5683	9.6	76
1300	Precoder Design for Signal Superposition in MIMO-NOMA Multicell Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2681-2695	14.2	75
1299	Mobile Crowdsensing Games in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 1535-1545	6.8	74
1298	A Mobile Offloading Game Against Smart Attacks. <i>IEEE Access</i> , 2016 , 4, 2281-2291	3.5	74
1297	On Gaussian MIMO BC-MAC Duality With Multiple Transmit Covariance Constraints. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 2064-2078	2.8	74
1296	. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 890-900	9.6	74
1295	Managing Price Uncertainty in Prosumer-Centric Energy Trading: A Prospect-Theoretic Stackelberg Game Approach. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 702-713	10.7	74
1294	Energy-Efficient Joint User-RB Association and Power Allocation for Uplink Hybrid NOMA-OMA. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5119-5131	10.7	73
1293	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 63-72	10.7	73
1292	. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 3479-3493	4.8	73
1291	Wideband Spectrum Sensing With Sub-Nyquist Sampling in Cognitive Radios. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 6068-6073	4.8	73
1290	Network Operation Strategies for Efficient Localization and Navigation. <i>Proceedings of the IEEE</i> , 2018 , 106, 1224-1254	14.3	72
1289	. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 2565-2578	9.6	71
1288	On Safeguarding Privacy and Security in the Framework of Federated Learning. <i>IEEE Network</i> , 2020 , 34, 242-248	11.4	71
1287	A Unified Framework for Key Agreement Over Wireless Fading Channels. <i>IEEE Transactions on Information Forensics and Security</i> , 2012 , 7, 480-490	8	71
1286	Physical-Layer Secrecy for OFDM Transmissions Over Fading Channels. <i>IEEE Transactions on Information Forensics and Security</i> , 2012 , 7, 1354-1367	8	71
1285	Spectrum Exploration and Exploitation for Cognitive Radio: Recent Advances. <i>IEEE Signal Processing Magazine</i> , 2015 , 32, 123-140	9.4	70

1284	. <i>IEEE Access</i> , 2018 , 6, 5170-5181	3.5	70
1283	PrivacySecurity Trade-Offs in Biometric Security SystemsPart I: Single Use Case. <i>IEEE Transactions on Information Forensics and Security</i> , 2011 , 6, 122-139	8	70
1282	New Trellis Code Design for Spatial Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 2670-2680	9.6	69
1281	A Tutorial on Ultrareliable and Low-Latency Communications in 6G: Integrating Domain Knowledge Into Deep Learning. <i>Proceedings of the IEEE</i> , 2021 , 109, 204-246	14.3	69
1280	Joint Load Balancing and Interference Management for Small-Cell Heterogeneous Networks With Limited Backhaul Capacity. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 872-884	9.6	68
1279	Cooperative Transmission for Relay Networks Based on Second-Order Statistics of Channel State Information. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 1280-1291	4.8	68
1278	A Collaborative Training Algorithm for Distributed Learning. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 1856-1871	2.8	68
1277	Optimal Power Allocation for Distributed Detection Over MIMO Channels in Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 4124-4140	4.8	68
1276	Cloud Storage Defense Against Advanced Persistent Threats: A Prospect Theoretic Study. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 534-544	14.2	65
1275	. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1848-1862	4.8	65
1274	Compound-Gaussian Clutter Modeling With an Inverse Gaussian Texture Distribution. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 876-879	3.2	65
1273	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2457-2471	9.6	65
1272	. <i>IEEE Signal Processing Magazine</i> , 2018 , 35, 100-110	9.4	65
1271	Resource Management in Non-Orthogonal Multiple Access Networks for 5G and Beyond. <i>IEEE Network</i> , 2017 , 31, 8-14	11.4	64
1270	Eavesdropping and jamming in next-generation wireless networks: A game-theoretic approach 2011 ,		64
1269	A noncooperative game for double auction-based energy trading between PHEVs and distribution grids 2011 ,		64
1268	. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1482-1490	11.9	63
1267	Wireless Information and Power Transfer in Multiway Massive MIMO Relay Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 3837-3855	9.6	63

1266	Dispersion of the Gilbert-Elliott Channel. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 1829-1848	2.8	63
1265	6G Internet of Things: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	63
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