

Panagiotis Botsinis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

838
citations

15
h-index

28
g-index

37
ext. papers

1,145
ext. citations

5.6
avg, IF

4.26
L-index

#	Paper	IF	Citations
37	Near-Capacity Multilayered Code Design for LACO-OFDM-Aided Optical Wireless Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 4051-4054	6.8	8
36	Quantum Topological Error Correction Codes are Capable of Improving the Performance of Clifford Gates. <i>IEEE Access</i> , 2019 , 7, 121501-121529	3.5	8
35	Quantum Search Algorithms for Wireless Communications. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1209-1242	37.1	45
34	Duality of Quantum and Classical Error Correction Codes: Design Principles and Examples. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 970-1010	37.1	28
33	Quantum Turbo Decoding for Quantum Channels Exhibiting Memory. <i>IEEE Access</i> , 2018 , 6, 12369-12381	3.5	4
32	Quantum Topological Error Correction Codes: The Classical-to-Quantum Isomorphism Perspective. <i>IEEE Access</i> , 2018 , 6, 13729-13757	3.5	14
31	Joint-Alphabet Space Time Shift Keying in mm-Wave Non-Orthogonal Multiple Access. <i>IEEE Access</i> , 2018 , 6, 22602-22621	3.5	10
30	A Quantum-Search-Aided Dynamic Programming Framework for Pareto Optimal Routing in Wireless Multihop Networks. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3485-3500	6.9	12
29	Quantum-Aided Multi-Objective Routing Optimization Using Back-Tracing-Aided Dynamic Programming. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 7856-7860	6.8	5
28	Unary-Coded Dimming Control Improves ON-OFF Keying Visible Light Communication. <i>IEEE Transactions on Communications</i> , 2018 , 66, 255-264	6.9	14
27	Air-to-Ground NOMA Systems for the Internet-Above-the-Clouds. <i>IEEE Access</i> , 2018 , 6, 47442-47460	3.5	3
26	Reduced-RF-Chain Aided Soft-Decision Multi-Set Steered Space-Time Shift-Keying for Millimeter-Wave Communications. <i>IEEE Access</i> , 2017 , 5, 7223-7243	3.5	11
25	Reduced-Complexity Iterative Receiver for Improving the IEEE 802.15.7 Convolutional-Coded Color Shift Keying Mode. <i>IEEE Communications Letters</i> , 2017 , 21, 2005-2008	3.8	4
24	Quantum Coding Bounds and a Closed-Form Approximation of the Minimum Distance Versus Quantum Coding Rate. <i>IEEE Access</i> , 2017 , 5, 11557-11581	3.5	12
23	Coherent versus Non-Coherent Quantum-Assisted Solutions in Wireless Systems. <i>IEEE Wireless Communications</i> , 2017 , 24, 144-153	13.4	4
22	Quantum-Assisted Indoor Localization for Uplink mm-Wave and Downlink Visible Light Communication Systems. <i>IEEE Access</i> , 2017 , 5, 23327-23351	3.5	16
21	Unity-Rate Codes Maximize the Normalized Throughput of ON-OFF Keying Visible Light Communication. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 291-294	2.2	11

20	Quantum Search-Aided Multi-User Detection of IDMA-Assisted Multi-Layered Video Streaming. <i>IEEE Access</i> , 2017 , 5, 23233-23255	3.5	8
19	Towards the Quantum Internet: Generalised Quantum Network Coding for Large-Scale Quantum Communication Networks. <i>IEEE Access</i> , 2017 , 5, 17288-17308	3.5	21
18	Joint Quantum-Assisted Channel Estimation and Data Detection. <i>IEEE Access</i> , 2016 , 4, 7658-7681	3.5	10
17	Quantum-Aided Multi-User Transmission in Non-Orthogonal Multiple Access Systems. <i>IEEE Access</i> , 2016 , 4, 7402-7424	3.5	18
16	Fully-Parallel Quantum Turbo Decoder. <i>IEEE Access</i> , 2016 , 4, 6073-6085	3.5	3
15	Quantum-Assisted Joint Multi-Objective Routing and Load Balancing for Socially-Aware Networks. <i>IEEE Access</i> , 2016 , 4, 9993-10028	3.5	11
14	Serially Concatenated Unity-Rate Codes Improve Quantum Codes Without Coding-Rate Reduction. <i>IEEE Communications Letters</i> , 2016 , 20, 1916-1919	3.8	5
13	Construction of Quantum LDPC Codes From Classical Row-Circulant QC-LDPCs. <i>IEEE Communications Letters</i> , 2016 , 20, 9-12	3.8	12
12	Quantum Error Correction Protects Quantum Search Algorithms Against Decoherence. <i>Scientific Reports</i> , 2016 , 6, 38095	4.9	12
11	EXIT-Chart Aided Quantum Code Design Improves the Normalised Throughput of Realistic Quantum Devices. <i>IEEE Access</i> , 2016 , 4, 10194-10209	3.5	22
10	The Road From Classical to Quantum Codes: A Hashing Bound Approaching Design Procedure. <i>IEEE Access</i> , 2015 , 3, 146-176	3.5	91
9	Iterative Quantum-Assisted Multi-User Detection for Multi-Carrier Interleave Division Multiple Access Systems. <i>IEEE Transactions on Communications</i> , 2015 , 63, 3713-3727	6.9	28
8	. <i>IEEE Access</i> , 2015 , 3, 569-598	3.5	47
7	Fifteen Years of Quantum LDPC Coding and Improved Decoding Strategies. <i>IEEE Access</i> , 2015 , 3, 2492-2519	3.5	40
6	Non-Dominated Quantum Iterative Routing Optimization for Wireless Multihop Networks. <i>IEEE Access</i> , 2015 , 3, 1704-1728	3.5	32
5	Fixed-Complexity Quantum-Assisted Multi-User Detection for CDMA and SDMA. <i>IEEE Transactions on Communications</i> , 2014 , 62, 990-1000	6.9	30
4	Quantum-Assisted Routing Optimization for Self-Organizing Networks. <i>IEEE Access</i> , 2014 , 2, 614-632	3.5	93
3	Low-complexity iterative quantum multi-user detection in SDMA systems 2014 ,		8

2	Low-Complexity Soft-Output Quantum-Assisted Multiuser Detection for Direct-Sequence Spreading and Slow Subcarrier-Hopping Aided SDMA-OFDM Systems. <i>IEEE Access</i> , 2014 , 2, 451-472	3.5	52
1	Quantum Search Algorithms, Quantum Wireless, and a Low-Complexity Maximum Likelihood Iterative Quantum Multi-User Detector Design. <i>IEEE Access</i> , 2013 , 1, 94-122	3.5	86