

Roy D Yates

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9256390/roy-d-yates-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

46
papers

3,509
citations

25
h-index

51
g-index

51
ext. papers

4,643
ext. citations

6
avg. IF

6.4
L-index

#	Paper	IF	Citations
46	2012,		743
45	. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 7492-7508	2.8	339
44	Discrete Memoryless Interference and Broadcast Channels With Confidential Messages: Secrecy Rate Regions. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 2493-2507	2.8	281
43	2012,		208
42	2015,		192
41	The Age of Information: Real-Time Status Updating by Multiple Sources. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 1807-1827	2.8	192
40	Real-time status updating: Multiple sources 2012,		177
39	A generic model for optimizing single-hop transmission policy of replenishable sensors. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 547-551	9.6	174
38	Update or wait: How to keep your data fresh 2016,		106
37	Status updates through M/G/1/1 queues with HARQ 2017,		104
36	Status updates over unreliable multiaccess channels 2017,		86
35	Timely updates over an erasure channel 2017,		73
34	Age-optimal constrained cache updating 2017,		73
33	Adaptive power control and MMSE interference suppression. <i>Wireless Networks</i> , 1998 , 4, 489-496	2.5	71
32	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1183-1210	14.2	61
31	Uplink Linear Receivers for Multi-Cell Multiuser MIMO With Pilot Contamination: Large System Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4360-4373	9.6	58
30	On Piggybacking in Vehicular Networks 2011,		50

29	Age of information in a network of preemptive servers 2018 ,		46
28	Status updates through multicast networks 2017 ,		41
27	Achieving Secret Communication for Fast Rayleigh Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2792-2799	9.6	36
26	Age of Information: Updates with Priority 2018 ,		35
25	The Age of Information in Networks: Moments, Distributions, and Sampling. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 5712-5728	2.8	33
24	Fading Broadcast Channels With State Information at the Receivers. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 3453-3471	2.8	33
23	Ensemble polling strategies for increased paging capacity in mobile communication networks. <i>Wireless Networks</i> , 1997 , 3, 159-167	2.5	31
22	Status Updates through Networks of Parallel Servers 2018 ,		31
21	Timely cloud gaming 2017 ,		25
20	Timeliness in Lossless Block Coding 2016 ,		22
19	Multicast with Prioritized Delivery: How Fresh is Your Data? 2018 ,		22
18	Fading channels in energy-harvesting receivers 2014 ,		19
17	Timely Cloud Computing: Preemption and Waiting 2019 ,		18
16	Energy Harvesting Receivers: Packet Sampling and Decoding Policies. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 558-570	14.2	17
15	Timely Updates By Multiple Sources: The M/M/1 Queue Revisited 2020 ,		14
14	Minimizing content staleness in dynamo-style replicated storage systems 2018 ,		13
13	Mapping link SNRs of real-world wireless networks onto an indoor testbed. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 157-165	9.6	13
12	Age of Information in Uncoordinated Unslotted Updating 2020 ,		11

11	An Age Control Transport Protocol for Delivering Fresh Updates in the Internet-of-Things 2019 ,		10
10	Backlog-adaptive compression: Age of information 2017 ,		10
9	The Age of Gossip in Networks 2021 ,		7
8	Maintaining Information Freshness under Jamming 2019 ,		7
7	ACP 2018 ,		6
6	Bits through bufferless queues 2013 ,		5
5	Hybrid ARQ in block-fading channels with an energy harvesting receiver 2015 ,		5
4	Existence of Data and Multiuser Diversities in Noncooperative Mobile Infostation Networks. <i>IEEE Transactions on Mobile Computing</i> , 2009 , 8, 1117-1131	4.6	3
3	Analysis of discrete time queues via the reversed process. <i>Queueing Systems</i> , 1994 , 18, 107-116	1.7	2
2	Timely Gossip 2021 ,		2
1	Guest Editorial Age of Information. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1179-1182.	4.2	1