Roy D Yates

List of Publications by Year in Descending Order

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	Timely Gossip **2021**,		2
45	Guest Editorial Age of Information. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 1179-1182	14.2	1
44	. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 1183-1210	14.2	61
43	The Age of Gossip in Networks **2021**,		7
42	The Age of Information in Networks: Moments, Distributions, and Sampling. *IEEE Transactions on Information Theory*, **2020**, 66, 5712-5728	2.8	33
41	Timely Updates By Multiple Sources: The M/M/1 Queue Revisited **2020**,		14
40	Age of Information in Uncoordinated Unslotted Updating **2020**,		11
39	An Age Control Transport Protocol for Delivering Fresh Updates in the Internet-of-Things **2019**,		10
38	Maintaining Information Freshness under Jamming **2019**,		7
37	Timely Cloud Computing: Preemption and Waiting **2019**,		18
36	The Age of Information: Real-Time Status Updating by Multiple Sources. *IEEE Transactions on Information Theory*, **2019**, 65, 1807-1827	2.8	192
35	Age of information in a network of preemptive servers **2018**,		46
34	Minimizing content staleness in dynamo-style replicated storage systems **2018**,		13
33	Age of Information: Updates with Priority **2018**,		35
32	ACP **2018**,		6
31	Status Updates through Networks of Parallel Servers **2018**,		31
30	Multicast with Prioritized Delivery: How Fresh is Your Data? **2018**,		22

29	. *IEEE Transactions on Information Theory*, **2017**, 63, 7492-7508	2.8	339
28	Status updates through multicast networks **2017**,		41
27	Status updates over unreliable multiaccess channels **2017**,		86
26	Timely updates over an erasure channel **2017**,		73
25	Status updates through M/G/1/1 queues with HARQ **2017**,		104
24	Age-optimal constrained cache updating **2017**,		73
23	Backlog-adaptive compression: Age of information **2017**,		10
22	Timely cloud gaming **2017**,		25
21	Update or wait: How to keep your data fresh **2016**,		106
20	Timeliness in Lossless Block Coding **2016**,		22
19	Energy Harvesting Receivers: Packet Sampling and Decoding Policies. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 558-570	14.2	17
18	Hybrid ARQ in block-fading channels with an energy harvesting receiver **2015**,		5
17	**2015**,		192
16	Uplink Linear Receivers for Multi-Cell Multiuser MIMO With Pilot Contamination: Large System Analysis. *IEEE Transactions on Wireless Communications*, **2014**, 13, 4360-4373	9.6	58
15	Fading channels in energy-harvesting receivers **2014**,		19
14	Bits through bufferless queues **2013**,		5
13	Fading Broadcast Channels With State Information at the Receivers. *IEEE Transactions on Information Theory*, **2012**, 58, 3453-3471	2.8	33
12	**2012**,		208

11	**2012**,		743
10	Real-time status updating: Multiple sources **2012**,		177
9	On Piggybacking in Vehicular Networks **2011**,		50
8	Achieving Secret Communication for Fast Rayleigh Fading Channels. *IEEE Transactions on Wireless Communications*, **2010**, 9, 2792-2799	9.6	36
7	Mapping link SNRs of real-world wireless networks onto an indoor testbed. *IEEE Transactions on Wireless Communications*, **2009**, 8, 157-165	9.6	13
6	A generic model for optimizing single-hop transmission policy of replenishable sensors. *IEEE Transactions on Wireless Communications*, **2009**, 8, 547-551	9.6	174
5	Existence of Data and Multiuser Diversities in Noncooperative Mobile Infostation Networks. *IEEE Transactions on Mobile Computing*, **2009**, 8, 1117-1131	4.6	3
4	Discrete Memoryless Interference and Broadcast Channels With Confidential Messages: Secrecy Rate Regions. *IEEE Transactions on Information Theory*, **2008**, 54, 2493-2507	2.8	281
3	Adaptive power control and MMSE interference suppression. *Wireless Networks*, **1998**, 4, 489-496	2.5	71
2	Ensemble polling strategies for increased paging capacity in mobile communication networks. *Wireless Networks*, **1997**, 3, 159-167	2.5	31
1	Analysis of discrete time queues via the reversed process. *Queueing Systems*, **1994**, 18, 107-116	1.7	2