

# Michel Ouellette

## List of Publications by Year in descending order

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23  
papers

359  
citations

1040056

9  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	A control theoretic approach to active queue management. <i>Computer Networks</i> , 2001, 36, 203-235.	5.1	196
2	Enhancing TCP performance with a load-adaptive RED mechanism. <i>International Journal of Network Management</i> , 2001, 11, 31-50.	2.2	26
3	Circuit emulation services over Ethernet-Part 1: Clock synchronization using timestamps. <i>International Journal of Network Management</i> , 2004, 14, 29-44.	2.2	20
4	A simple, scalable and provably stable explicit rate computation scheme for flow control in communication networks. <i>International Journal of Communication Systems</i> , 2001, 14, 593-618.	2.5	14
5	Rate-based proportional+integral control scheme for active queue management. <i>International Journal of Network Management</i> , 2006, 16, 203-231.	2.2	14
6	Effects of control loop delay on the stability of a rate control algorithm. <i>International Journal of Communication Systems</i> , 2004, 17, 833-850.	2.5	13
7	Design of rate-based controllers for active queue management in TCP/IP networks. <i>Computer Communications</i> , 2008, 31, 3344-3359.	5.1	13
8	Clock recovery based on packet inter-arrival time averaging. <i>Computer Communications</i> , 2006, 29, 1696-1709.	5.1	12
9	Weighted proportional loss rate differentiation of TCP traffic. <i>International Journal of Network Management</i> , 2004, 14, 257-272.	2.2	10
10	A load adaptive mechanism for buffer management. <i>Computer Networks</i> , 2001, 36, 709-728.	5.1	5
11	Discrete-time analysis of a rate control mechanism. <i>Performance Evaluation</i> , 2001, 43, 63-94.	1.2	4
12	Weighted proportional window control of TCP traffic. <i>International Journal of Network Management</i> , 2001, 11, 213-242.	2.2	4
13	Circuit emulation services over Ethernet-Part 2: Prototype and experimental results. <i>International Journal of Network Management</i> , 2004, 14, 45-58.	2.2	4
14	DRED-MP: Queue management with multiple levels of drop precedence. <i>International Journal of Network Management</i> , 2004, 14, 405-424.	2.2	4
15	Proportional loss rate differentiation in a FIFO queue. <i>Computer Communications</i> , 2004, 27, 1851-1867.	5.1	4
16	Analysis of a clock-recovery technique for circuit emulation services over packet networks. <i>International Journal of Communication Systems</i> , 2008, 21, 73-97.	2.5	4
17	Multi-level active queue management with dynamic thresholds. <i>Computer Communications</i> , 2002, 25, 756-771.	5.1	3
18	Clock synchronization for packet networks using a weighted least-squares error filtering technique and enabling circuit emulation service. <i>International Journal of Communication Systems</i> , 2007, 20, 669-694.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Stability and Fairness of a Rate Allocation Scheme. Telecommunication Systems, 2002, 20, 195-239.	2.5	2
20	Clock synchronization using a linear process model. International Journal of Network Management, 2006, 16, 3-28.	2.2	2
21	Service differentiation using a multi-level RED mechanism. International Journal of Network Management, 2002, 12, 81-98.	2.2	1
22	Active queue management with flow proportional buffering. International Journal of Network Management, 2003, 13, 211-229.	2.2	1
23	Interworking of switched ethernet and ATM flow control mechanisms. International Journal of Network Management, 2002, 12, 357-366.	2.2	0