

# SÃ©bastien Roy

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

294  
citations

1937685

4  
h-index

1720034

7  
g-index

20  
all docs

20  
docs citations

20  
times ranked

506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint User Scheduling and Power Allocation Optimization for Energy-Efficient NOMA Systems With Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2017, 35, 2874-2885.	14.0	226
2	Multi-Layered Energy Efficiency in LoRa-WAN Networks: A Tutorial. IEEE Access, 2022, 10, 9198-9231.	4.2	20
3	Retinal Stimulator ASIC Architecture Based on a Joint Power and Data Optical Link. IEEE Journal of Solid-State Circuits, 2021, 56, 2158-2170.	5.4	16
4	Performance analysis of diversity combining techniques in double-Rayleigh channels. , 2016, , .		4
5	Two-Layer Linear Processing for Uplink Massive MIMO Systems in the Presence of Co-Channel Interferers. , 2018, , .		4
6	Uplink Performance Analysis for Massive MIMO Linear Processing. IEEE Access, 2019, 7, 180749-180760.	4.2	4
7	Experimental Comparison of PAM and CAP Modulation for Visible Light Communication Under Illumination Constraints. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	4
8	Performance analysis of hierarchical selection diversity combining in Rayleigh fading. , 2013, , .		3
9	Throughput-Delay Tradeoffs for Slotted-Aloha-based LoRaWAN Networks. , 2021, , .		3
10	Asymptotic Performance Analysis of MMSE Receivers in Multicell MU-MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 9174-9189.	6.3	3
11	Block-delayed partitioned Viterbi algorithm BD-PVA. , 2015, , .		2
12	Applying Hankelâ€™s Expansion for Performance Analysis in Double-Nakagami (Generalized-K) Fading Channels. IEEE Transactions on Communications, 2018, , 1-1.	7.8	2
13	An encoder/decoder with throughput over Gigabits/sec for rate-compatible LDPC codes with wide code rates. , 2014, , .		1
14	Multi-Layer Linear Processing for Uplink Massive MIMO Systems in the Presence of Unequal-Power Co-Channel Interferers. , 2018, , .		1
15	Asymptotic BER Analysis of MMSE Receivers in Multicell MU-MIMO Systems. , 2019, , .		1
16	Dual Layer Switch-and-Examine /Ã Selection Diversity Receivers. , 2013, , .		0
17	Adaptive Iterative Block-Delayed Partitioned Viterbi Algorithm. , 2015, , .		0
18	Adaptive block-length partitioned Viterbi algorithm. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Analysis for Massive MIMO Systems with Two-Layer Linear Receive Processing. , 2019, , .		0
20	Performance Analysis in Double-Rayleigh Channels with Diversity Combining Techniques. Wireless Personal Communications, 2020, 114, 2529-2550.	2.7	0