Stefan M Moser

List of Publications by Year
in descending order

33 papers	**1,031** citations	1040056 **9** h-index	1199594 **12** g-index
33 all docs	**33** docs citations	**33** times ranked	**797** citing authors

#	Article	IF	Citations
1	On the Capacity of Free-Space Optical Intensity Channels. IEEE Transactions on Information Theory, 2009, 55, 4449-4461.	2.4	438
2	Capacity of the Memoryless Additive Inverse Gaussian Noise Channel. IEEE Journal on Selected Areas in Communications, 2014, 32, 2315-2329.	14.0	112
3	On the Capacity of the Discrete-Time Poisson Channel. IEEE Transactions on Information Theory, 2009, 55, 303-322.	2.4	110
4	Capacity Results of an Optical Intensity Channel With Input-Dependent Gaussian Noise. IEEE Transactions on Information Theory, 2012, 58, 207-223.	2.4	107
5	The Fading Number of Multiple-Input Multiple-Output Fading Channels With Memory. IEEE Transactions on Information Theory, 2009, 55, 2716-2755.	2.4	38
6	Capacity Results on Multiple-Input Single-Output Wireless Optical Channels. IEEE Transactions on Information Theory, 2018, 64, 6954-6966.	2.4	31
7	Asymptotic capacity results for MIMO wireless optical communication. , 2017, , .		25
8	On the Capacity of MIMO Optical Wireless Channels. IEEE Transactions on Information Theory, 2020, 66, 5660-5682.	2.4	23
9	Optimal Ultrasmall Block-Codes for Binary Discrete Memoryless Channels. IEEE Transactions on Information Theory, 2013, 59, 7346-7378.	2.4	22
10	Weak Flip Codes and their Optimality on the Binary Erasure Channel. IEEE Transactions on Information Theory, 2018, 64, 5191-5218.	2.4	15
11	Expectations of a noncentral chi-square distribution with application to IID MIMO Gaussian fading. , 2008, , .		14
12	Some expectations of a non-central chi-square distribution with an even number of degrees of freedom. , 2007, , .		11
13	Asymptotic high-SNR capacity of MISO optical intensity channels. , 2017, , .		10
14	The Fading Number of Memoryless Multiple-Input Multiple-Output Fading Channels. IEEE Transactions on Information Theory, 2007, 53, 2652-2666.	2.4	9
15	Bounds on the capacity of the additive inverse Gaussian noise channel. , 2012, , .		9
16	Equidistant codes meeting the Plotkin bound are Not optimal on the binary symmetric channel. , 2013, , .		9
17	Performance analysis of Fano coding. , 2015, , .		8
18	Weak flip codes and applications to optimal code design on the binary erasure channel. , 2012, , .		6

#	Article	IF	Citations
19	Ultra-small block-codes for binary discrete memoryless channels. , 2011, , .		5
20	The Fading Number of Multiple-Input Multiple-Output Fading Channels with Memory. , 2007, , .		4
21	The Fading Number of a Multiple-Access Rician Fading Channel. IEEE Transactions on Information Theory, 2011, 57, 4983-4991.	2.4	4
22	Nonlinear codes outperform the best linear codes on the binary erasure channel. , 2015, , .		4
23	On the Capacity of MIMO Optical Wireless Channels. , 2018, , .		4
24	The MISO free-space optical channel at low and moderate SNR. , 2018, , .		4
25	On the Capacity of Block Fading Optical Wireless Channels. , 2019, , .		3
26	On the Fading Number of Multiple-Input Single-Output Fading Channels with Memory. , 2006, , .		2
27	The fading number of a multiple-access Rician fading channel. , 2009, , .		1
28	Impact of Feedback and Side-Information on the Asymptotic Capacity of Single-Input Multiple-Output Fading Channels With Memory. IEEE Transactions on Information Theory, 2014, 60, 3499-3528.	2.4	1
29	Connections Between the Error Probability and the r-wise Hamming Distances. , 2018, , .		1
30	The r-wise hamming distance and its operational interpretation for block codes. , 2018, , .		1
31	Channel capacity. , 0, , 146-174.		0
32	The asymptotic capacity of noncoherent single-input multiple-output fading channels with memory and feedback. , 2013, , .		0
33	Expected Logarithm and Negative Integer Moments of a Noncentral Ï‡2-Distributed Random Variable. Entropy, 2020, 22, 1048.	2.2	0