

Stefan M Moser

List of Publications by Year in descending order

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33
papers

1,031
citations

1040056

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h-index

1199594

12
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33
all docs

33
docs citations

33
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Expected Logarithm and Negative Integer Moments of a Noncentral χ^2 -Distributed Random Variable. <i>Entropy</i> , 2020, 22, 1048.	2.2	0
2	On the Capacity of MIMO Optical Wireless Channels. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 5660-5682.	2.4	23
3	On the Capacity of Block Fading Optical Wireless Channels. , 2019, , .		3
4	Capacity Results on Multiple-Input Single-Output Wireless Optical Channels. <i>IEEE Transactions on Information Theory</i> , 2018, 64, 6954-6966.	2.4	31
5	On the Capacity of MIMO Optical Wireless Channels. , 2018, , .		4
6	Connections Between the Error Probability and the r -wise Hamming Distances. , 2018, , .		1
7	The r -wise hamming distance and its operational interpretation for block codes. , 2018, , .		1
8	The MISO free-space optical channel at low and moderate SNR. , 2018, , .		4
9	Weak Flip Codes and their Optimality on the Binary Erasure Channel. <i>IEEE Transactions on Information Theory</i> , 2018, 64, 5191-5218.	2.4	15
10	Asymptotic high-SNR capacity of MISO optical intensity channels. , 2017, , .		10
11	Asymptotic capacity results for MIMO wireless optical communication. , 2017, , .		25
12	Nonlinear codes outperform the best linear codes on the binary erasure channel. , 2015, , .		4
13	Performance analysis of Fano coding. , 2015, , .		8
14	Capacity of the Memoryless Additive Inverse Gaussian Noise Channel. <i>IEEE Journal on Selected Areas in Communications</i> , 2014, 32, 2315-2329.	14.0	112
15	Impact of Feedback and Side-Information on the Asymptotic Capacity of Single-Input Multiple-Output Fading Channels With Memory. <i>IEEE Transactions on Information Theory</i> , 2014, 60, 3499-3528.	2.4	1
16	Optimal Ultrasmall Block-Codes for Binary Discrete Memoryless Channels. <i>IEEE Transactions on Information Theory</i> , 2013, 59, 7346-7378.	2.4	22
17	Equidistant codes meeting the Plotkin bound are Not optimal on the binary symmetric channel. , 2013, , .		9
18	The asymptotic capacity of noncoherent single-input multiple-output fading channels with memory and feedback. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Weak flip codes and applications to optimal code design on the binary erasure channel. , 2012, , .		6
20	Bounds on the capacity of the additive inverse Gaussian noise channel. , 2012, , .		9
21	Capacity Results of an Optical Intensity Channel With Input-Dependent Gaussian Noise. IEEE Transactions on Information Theory, 2012, 58, 207-223.	2.4	107
22	Ultra-small block-codes for binary discrete memoryless channels. , 2011, , .		5
23	The Fading Number of a Multiple-Access Rician Fading Channel. IEEE Transactions on Information Theory, 2011, 57, 4983-4991.	2.4	4
24	On the Capacity of the Discrete-Time Poisson Channel. IEEE Transactions on Information Theory, 2009, 55, 303-322.	2.4	110
25	The Fading Number of Multiple-Input Multiple-Output Fading Channels With Memory. IEEE Transactions on Information Theory, 2009, 55, 2716-2755.	2.4	38
26	On the Capacity of Free-Space Optical Intensity Channels. IEEE Transactions on Information Theory, 2009, 55, 4449-4461.	2.4	438
27	The fading number of a multiple-access Rician fading channel. , 2009, , .		1
28	Expectations of a noncentral chi-square distribution with application to IID MIMO Gaussian fading. , 2008, , .		14
29	The Fading Number of Multiple-Input Multiple-Output Fading Channels with Memory. , 2007, , .		4
30	Some expectations of a non-central chi-square distribution with an even number of degrees of freedom. , 2007, , .		11
31	The Fading Number of Memoryless Multiple-Input Multiple-Output Fading Channels. IEEE Transactions on Information Theory, 2007, 53, 2652-2666.	2.4	9
32	On the Fading Number of Multiple-Input Single-Output Fading Channels with Memory. , 2006, , .		2
33	Channel capacity. , 0, , 146-174.		0