

Christian Deppe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3480143/publications.pdf>

Version: 2024-02-01

75
papers

545
citations

840776

11
h-index

839539

18
g-index

77
all docs

77
docs citations

77
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure Identification for Wiretap Channels; Robustness, Super-Additivity and Continuity. IEEE Transactions on Information Forensics and Security, 2018, 13, 1641-1655.	6.9	44
2	Extending Quantum Links: Modules for Fiber- and Memory-Based Quantum Repeaters. Advanced Quantum Technologies, 2020, 3, 1900141.	3.9	43
3	Secure Identification Under Passive Eavesdroppers and Active Jamming Attacks. IEEE Transactions on Information Forensics and Security, 2019, 14, 472-485.	6.9	25
4	Coding with Feedback and Searching with Lies. , 2007, , 27-70.		23
5	Solution of Ulam's searching game with three lies or an optimal adaptive strategy for binary three-error-correcting codes. Discrete Mathematics, 2000, 224, 79-98.	0.7	21
6	Secrecy capacities of compound quantum wiretap channels and applications. Physical Review A, 2014, 89, .	2.5	16
7	Performance Analysis of Identification Codes. Entropy, 2020, 22, 1067.	2.2	16
8	Searching with lies under error cost constraints. Discrete Applied Mathematics, 2008, 156, 1444-1460.	0.9	15
9	Two Batch Search With Lie Cost. IEEE Transactions on Information Theory, 2009, 55, 1433-1439.	2.4	14
10	Secure and Robust Identification via Classical-Quantum Channels. IEEE Transactions on Information Theory, 2019, 65, 6734-6749.	2.4	13
11	Secure Identification for Gaussian Channels. , 2020, , .		13
12	Deterministic Identification Over Channels With Power Constraints. , 2021, , .		13
13	Deterministic Identification Over Channels With Power Constraints. IEEE Transactions on Information Theory, 2022, 68, 1-24.	2.4	13
14	Non-binary error correcting codes with noiseless feedback, localized errors, or both. , 2006, , .		12
15	Deterministic Identification Over Fading Channels. , 2021, , .		12
16	Quantum Channel State Masking. IEEE Transactions on Information Theory, 2021, 67, 2245-2268.	2.4	12
17	Classical-quantum arbitrarily varying wiretap channel: Secret message transmission under jamming attacks. Journal of Mathematical Physics, 2017, 58, .	1.1	11
18	Classical-quantum arbitrarily varying wiretap channel: Ahlswede dichotomy, positivity, resources, super-activation. Quantum Information Processing, 2016, 15, 4853-4895.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Classical-quantum arbitrarily varying wiretap channel: common randomness assisted code and continuity. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	10
20	Identification over the Gaussian Channel in the Presence of Feedback. , 2021, , .		10
21	Superimposed Codes and Threshold Group Testing. <i>Lecture Notes in Computer Science</i> , 2013, , 509-533.	1.3	10
22	Fully Quantum Arbitrarily Varying Channels: Random Coding Capacity and Capacity Dichotomy. , 2018, , .		9
23	Common Randomness Generation and Identification over Gaussian Channels. , 2020, , .		9
24	Robust and secure identification. , 2017, , .		8
25	Quasi-Perfect Minimally Adaptive q-ary Search with Unreliable Tests. <i>Lecture Notes in Computer Science</i> , 2003, , 527-536.	1.3	7
26	Quantum broadcast channels with cooperating decoders: An information-theoretic perspective on quantum repeaters. <i>Journal of Mathematical Physics</i> , 2021, 62, .	1.1	7
27	Identification Over Additive Noise Channels in the Presence of Feedback. <i>IEEE Transactions on Information Theory</i> , 2023, 69, 6811-6821.	2.4	7
28	Deterministic Identification Over Poisson Channels. , 2021, , .		7
29	Bounds for threshold and majority group testing. , 2011, , .		6
30	Classical-quantum arbitrarily varying wiretap channel: Common randomness assisted code and continuity. , 2016, , .		6
31	Coding with Noiseless Feedback over the Z-Channel. <i>Lecture Notes in Computer Science</i> , 2020, , 98-109.	1.3	6
32	Strategies for the Renyiâ€Ulam Game with fixed number of lies. <i>Theoretical Computer Science</i> , 2004, 314, 45-55.	0.9	5
33	A Combinatorial Model of Two-Sided Search. <i>International Journal of Foundations of Computer Science</i> , 2018, 29, 481-504.	1.1	5
34	Secret message transmission over quantum channels under adversarial quantum noise: Secrecy capacity and super-activation. <i>Journal of Mathematical Physics</i> , 2019, 60, 062202.	1.1	5
35	Computability of the Zero-Error Capacity with Kolmogorov Oracle. , 2020, , .		5
36	Outage Common Randomness Capacity Characterization of Multiple-Antenna Slow Fading Channels. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
37	Perfect minimally adaptive q -ary search with unreliable tests. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 162-175.	0.6	4
38	Finding one of D defective elements in some group testing models. <i>Problems of Information Transmission</i> , 2012, 48, 173-181.	0.5	4
39	Secure identification under jamming attacks. , 2017, , .		4
40	Secure Storage for Identification; Random Resources and Privacy Leakage. <i>IEEE Transactions on Information Forensics and Security</i> , 2019, 14, 2013-2027.	6.9	4
41	Common Randomness Generation over Slow Fading Channels. , 2021, , .		4
42	Threshold and Majority Group Testing. <i>Lecture Notes in Computer Science</i> , 2013, , 488-508.	1.3	4
43	On q -ary fix-free codes and directed deBruijn graphs. , 2006, , .		3
44	Semantic Security for Quantum Wiretap Channels. , 2020, , .		3
45	Bounds for the capacity error function for unidirectional channels with noiseless feedback. , 2020, , .		3
46	Algorithms for q -ary error-correcting codes with limited magnitude and feedback. <i>Discrete Mathematics</i> , 2021, 344, 112199.	0.7	3
47	Bounds for the capacity error function for unidirectional channels with noiseless feedback. <i>Theoretical Computer Science</i> , 2021, 856, 1-13.	0.9	3
48	How to apply the rubber method for channels with feedback. , 2020, , .		3
49	Classical state masking over a quantum channel. <i>Physical Review A</i> , 2022, 105, .	2.5	3
50	On the Semi-Decidability of Remote State Estimation and Stabilization via Noisy Communication Channels. , 2021, , .		3
51	Majority group testing with density tests. , 2011, , .		2
52	Capacities of classical compound quantum wiretap and classical quantum compound wiretap channels. , 2012, , .		2
53	The broadcast classical-quantum capacity region of a two-phase bidirectional relaying channel. <i>Quantum Information Processing</i> , 2015, 14, 3879-3897.	2.2	2
54	Classical-quantum arbitrarily varying wiretap channel: Secret message transmission under jamming attacks. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
55	Secure Storage for Identification. , 2018, , .		2
56	Secure Identification Under Jamming Attacks. , 2018, , .		2
57	Secure and Robust Identification via Classical-Quantum Channels. , 2018, , .		2
58	T-shift synchronization codes. Electronic Notes in Discrete Mathematics, 2005, 21, 119-123.	0.4	1
59	Searching with lies under error transition cost constraints. Electronic Notes in Discrete Mathematics, 2005, 21, 173-179.	0.4	1
60	Group testing problem with two defectives. Problems of Information Transmission, 2013, 49, 375-381.	0.5	1
61	Classical-quantum arbitrarily varying wiretap channel—A capacity formula with Ahlswede Dichotomy—Resources. , 2014, , .		1
62	A Combinatorial Model of Two-Sided Search. Lecture Notes in Computer Science, 2016, , 148-160.	1.3	1
63	Secret Message Transmission over Quantum Channels under Adversarial Quantum Noise: Secrecy Capacity and Super-activations. , 2018, , .		1
64	Algorithms for Q-ary Error-Correcting Codes with Partial Feedback and Limited Magnitude. , 2019, , .		1
65	Integrating Quantum Simulation for Quantum-Enhanced Classical Network Emulation. IEEE Communications Letters, 2021, 25, 3922-3926.	4.1	1
66	Q-Ary Ulam-Renyi Game with Constrained Lies. Lecture Notes in Computer Science, 2006, , 678-694.	1.3	1
67	Identification under Effective Secrecy. , 2021, , .		1
68	Information theoretic models in language evolution. Electronic Notes in Discrete Mathematics, 2005, 21, 97-100.	0.4	0
69	A Fast Suffix-Sorting Algorithm. Electronic Notes in Discrete Mathematics, 2005, 21, 111-114.	0.4	0
70	Q-ary Ulam-Rényi game with constrained lies. Electronic Notes in Discrete Mathematics, 2005, 21, 255-261.	0.4	0
71	T-shift synchronization codes. Discrete Applied Mathematics, 2008, 156, 1461-1468.	0.9	0
72	Quantum Channel State Masking. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
73	Non-Adaptive and Adaptive Two-Sided Search with Fast Objects. , 2021, , .		0
74	Coding With Noiseless Feedback Over the Z-Channel. IEEE Transactions on Information Theory, 2022, 68, 3731-3739.	2.4	0
75	The Quantum Multiple-Access Channel With Cribbing Encoders. IEEE Transactions on Information Theory, 2022, 68, 3965-3988.	2.4	0