Yuichiro Fujiwara

List of Publications by Year
in descending order

26 papers	482 citations	687363 13 h-index	794594 19 g-index
26 all docs	26 docs citations	26 times ranked	266 citing authors

#	Article	IF	Citations
1	Small stopping sets in projective low-density parity-check codes. , 2019, , .		0
2	On the Maximum Number of Codewords of X-Codes of Constant Weight Three. , 2019, , .		1
3	Bounds on Separating Redundancy of Linear Codes and Rates of X-Codes. IEEE Transactions on Information Theory, 2018, 64, 7577-7593.	2.4	9
4	Bounds and Polynomial-Time Construction Algorithm for X-Codes of Constant Weight Three. , 2018, , .		3
5	Explicit bounds on the length of optimal X-codes. , 2017, , .		1
6	Probabilistic bounds on the trapping redundancy of linear codes. , 2016, , .		1
7	High-Rate Quantum Low-Density Parity-Check Codes Assisted by Reliable Qubits. IEEE Transactions on Information Theory, 2015, 61, 1860-1878.	2.4	37
8	Ability of stabilizer quantum error correction to protect itself from its own imperfection. Physical Review A, 2014, 90, .	2.5	25
9	Quantum synchronizable codes from quadratic residue codes and their supercodes. , 2014, , .		10
10	Quantum Synchronizable Codes From Finite Geometries. IEEE Transactions on Information Theory, 2014, 60, 7345-7354.	2.4	24
11	Self-Synchronizing Pulse Position Modulation With Error Tolerance. IEEE Transactions on Information Theory, 2013, 59, 5352-5362.	2.4	27
12	High-Rate Self-Synchronizing Codes. IEEE Transactions on Information Theory, 2013, 59, 2328-2335.	2.4	17
13	Parsing a Sequence of Qubits. IEEE Transactions on Information Theory, 2013, 59, 6796-6806.	2.4	3
14	Block synchronization for quantum information. Physical Review A, 2013, 87, .	2.5	25
15	A Characterization of Entanglement-Assisted Quantum Low-Density Parity-Check Codes. IEEE Transactions on Information Theory, 2013, 59, 3347-3353.	2.4	41
16	Algebraic techniques in designing quantum synchronizable codes. Physical Review A, 2013, 88, .	2.5	27
17	Quantum Error Correction via Less Noisy Qubits. Physical Review Letters, 2013, 110, 170501.	7.8	13
18	Adaptively correcting quantum errors with entanglement. , 2011, , .		3

#	Article	IF	Citations
19	Entanglement-assisted quantum low-density parity-check codes. Physical Review A, 2010, 82, .	2.5	58
20	A Combinatorial Approach to X-Tolerant Compaction Circuits. IEEE Transactions on Information Theory, 2010, 56, 3196-3206.	2.4	14
21	Sets of Frequency Hopping Sequences: Bounds and Optimal Constructions. IEEE Transactions on Information Theory, 2009, 55, 3297-3304.	2.4	107
22	Small stopping sets in Steiner triple systems. Cryptography and Communications, 2009, 1, 31-46.	1.4	12
23	Halving Steiner 2-designs. Discrete Mathematics, 2007, 307, 1551-1558.	0.7	2
24	Nonexistence of sparse triple systems over abelian groups and involutions. Journal of Algebraic Combinatorics, 2007, 26, 495-506.	0.8	1
25	Infinite classes of anti-mitre and 5-sparse Steiner triple systems. Journal of Combinatorial Designs, 2006, 14, 237-250.	0.6	13
26	Constructions for anti-mitre Steiner triple systems. Journal of Combinatorial Designs, 2005, 13, 286-291.	0.6	8