Giuliano Gadioli La Guardia

List of Publications by Year
in descending order

19 papers	346 citations	1040056 9 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	152 citing authors

#	Article	IF	Citations
1	Euclidean and hyperbolic asymmetric topological quantum codes. Quantum Information Processing, 2022, 21, 1.	2.2	3
2	A finite difference method for a class of nonlinear fractional advection–diffusion‹ equations. Partial Differential Equations in Applied Mathematics, 2021, 4, 100090.	2.4	1
3	A Lipschitz Version of the $$\lambda$$-Lemma and a Characterization of Homoclinic and Heteroclinic Orbits. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	2
4	Entanglement-Assisted Quantum Codes From Algebraic Geometry Codes. IEEE Transactions on Information Theory, 2021, 67, 7110-7120.	2.4	12
5	Asymptotically good convolutional codes. Linear and Multilinear Algebra, 2019, 67, 1483-1494.	1.0	1
6	Classical and Quantum Convolutional Codes Derived From Algebraic Geometry Codes. IEEE Transactions on Communications, 2019, 67, 73-82.	7.8	6
7	Lyapunov exponent for Lipschitz maps. Nonlinear Dynamics, 2018, 92, 1217-1224.	5.2	6
8	Good and asymptotically good quantum codes derived from algebraic geometry. Quantum Information Processing, 2017, 16, 1.	2.2	15
9	Quantum Codes Derived from Cyclic Codes. International Journal of Theoretical Physics, 2017, 56, 2479-2484.	1.2	23
10	On optimal constacyclic codes. Linear Algebra and Its Applications, 2016, 496, 594-610.	0.9	27
11	On cyclotomic cosets and code constructions. Linear Algebra and Its Applications, 2016, 488, 302-319.	0.9	4
12	Convolutional codes: techniques of construction. Computational and Applied Mathematics, 2016, 35, 501-517.	1.3	1
13	Asymmetric quantum convolutional codes. Quantum Information Processing, 2016, 15, 167-183.	2.2	2
14	On the Construction of Asymmetric Quantum Codes. International Journal of Theoretical Physics, 2014, 53, 2312.	1.2	16
15	Nonbinary convolutional codes derived from group character codes. Discrete Mathematics, 2013, 313, 2730-2736.	0.7	8
16	Asymmetric quantum codes: new codes from old. Quantum Information Processing, 2013, 12, 2771-2790.	2.2	31
17	Asymmetric quantum Reed-Solomon and generalized Reed-Solomon codes. Quantum Information Processing, 2012, 11, 591-604.	2.2	44
18	Constructions of new families of nonbinary CSS codes. Discrete Mathematics, 2010, 310, 2935-2945.	0.7	55

#	Article	IF	Citations
19	Constructions of new families of nonbinary quantum codes. Physical Review A, 2009, 80, .	2.5	88