

Cristina Fernández-Cárdenas

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

605
citations

840776

11
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642732

23
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41
all docs

41
docs citations

41
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Room escape at class: Escape games activities to facilitate the motivation and learning in computer science. <i>Journal of Technology and Science Education</i> , 2017, 7, 162.	1.2	133
2	$\mathbb{Z}_2\mathbb{Z}_4$ -linear codes: generator matrices and duality. <i>Designs, Codes, and Cryptography</i> , 2010, 54, 167-179.	1.6	112
3	Codes over \mathbb{Z}_{2^k} , Gray map and self-dual codes. <i>Advances in Mathematics of Communications</i> , 2011, 5, 571-588.	0.7	39
4	$\mathbb{Z}_2\mathbb{Z}_4$ -linear codes: rank and kernel. <i>Designs, Codes, and Cryptography</i> , 2010, 56, 43-59.	1.6	36
5	$\mathbb{Z}_2\mathbb{Z}_4$ -Additive Cyclic Codes, Generator Polynomials, and Dual Codes. <i>IEEE Transactions on Information Theory</i> , 2016, 62, 6348-6354.	2.4	36
6	$\mathbb{Z}_2\mathbb{Z}_2$ -double cyclic codes. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 463-479.	1.6	33
7	On $\mathbb{Z}_{2^s}\mathbb{Z}_2$ -linear Hadamard codes: kernel and partial classification. <i>Designs, Codes, and Cryptography</i> , 2019, 87, 417-435.	1.6	21
8	Maximum distance separable codes over \mathbb{Z}_4 and $\mathbb{Z}_2 \times \mathbb{Z}_4$. <i>Designs, Codes, and Cryptography</i> , 2011, 61, 31-40.	1.6	20
9	Quaternary Reed-Muller Codes. <i>IEEE Transactions on Information Theory</i> , 2005, 51, 2686-2691.	2.4	17
10	Permutation decoding of $\mathbb{Z}_2\mathbb{Z}_4$ -linear codes. <i>Designs, Codes, and Cryptography</i> , 2015, 76, 269-277.	1.6	15
11	On $\mathbb{Z}_2\mathbb{Z}_4$ -linear codes and their complementary dual codes and related LCD codes. <i>Finite Fields and Their Applications</i> , 2020, 62, 1016-22.	1.6	15
12	On \mathbb{Z}_8 -Linear Hadamard Codes: Rank and Classification. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 970-982.	2.4	14
13	Equivalences among $\mathbb{Z}_2\mathbb{Z}_4$ -linear Hadamard codes. <i>Discrete Mathematics</i> , 2020, 343, 1117-21.	0.7	12
14	On Rank and Kernel of \mathbb{Z}_4 -Linear Codes. <i>Lecture Notes in Computer Science</i> , 2008, , 46-55.	1.3	11
15	On $\mathbb{Z}_2\mathbb{Z}_4$ -linear Hadamard codes. <i>Advances in Mathematics of Communications</i> , 2018, 12, 169-179.	1.6	11
16	ZRM Codes. <i>IEEE Transactions on Information Theory</i> , 2008, 54, 380-386.	2.4	9
17	On the linearity and classification of $\mathbb{Z}_2\mathbb{Z}_4$ -linear generalized hadamard codes. <i>Designs, Codes, and Cryptography</i> , 2022, 90, 1037-1058.	1.6	9
18	Characterization and constructions of self-dual codes over $\mathbb{Z}_2 \times \mathbb{Z}_4$. <i>Advances in Mathematics of Communications</i> , 2012, 6, 287-303.	0.7	8

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19	A characterization of $\mathbb{Z}_2\mathbb{Z}_4$ - Designs, Codes, and Cryptography, 2018, 86, 1377-1389.	1.6	7
20	Involutions in Binary Perfect Codes. IEEE Transactions on Information Theory, 2011, 57, 5926-5932.	2.4	6
21	Kernels and ranks of cyclic and negacyclic quaternary codes. Designs, Codes, and Cryptography, 2016, 81, 347-364.	1.6	6
22	Binary Images of $\mathbb{Z}_2\mathbb{Z}_4$ -Additive Cyclic Codes. IEEE Transactions on Information Theory, 2018, 64, 7551-7556.	2.4	6
23	Quasi-cyclic codes as cyclic codes over a family of local rings. Finite Fields and Their Applications, 2016, 40, 138-149.	1.0	5
24	Linear and cyclic codes over direct product of finite chain rings. Mathematical Methods in the Applied Sciences, 2018, 41, 6519-6529.	2.3	4
25	Lossy coding techniques for high-resolution images. , 2004, , .		3
26	There is exactly one $\mathbb{Z}_2\mathbb{Z}_4$ -cyclic 1-pe. Designs, Codes, and Cryptography, 2017, 85, 557-566.	1.6	3
27	On the minimum distance graph of an extended Preparata code. Designs, Codes, and Cryptography, 2010, 57, 161-168.	1.6	2
28	Construction and classification of \mathbb{Z}_2 -linear Hadamard codes. Electronic Notes in Discrete Mathematics, 2016, 54, 247-252.	0.4	2
29	$\mathbb{Z}_2\mathbb{Z}_4$ -Additive Cyclic Codes: Kernel and Rank. IEEE Transactions on Information Theory, 2019, 65, 2119-2127.	2.4	2
30	Additive G-codes over $\mathbb{Z}_2\mathbb{Z}_4$ and their dualities. Finite Fields and Their Applications, 2021, 72, 101821.	1.0	2
31	Review of CCSDS-ILDC and JPEG2000 coding techniques for remote sensing. , 2004, , .		1
32	$\mathbb{Z}_2\mathbb{Z}_4$ -Additive formally self-dual codes. Designs, Codes, and Cryptography, 2014, 72, 435-453.	1.6	1
33	Self-dual codes from 3-class association schemes. Applicable Algebra in Engineering, Communications and Computing, 2015, 26, 227-250.	0.5	1
34	On the Rank of $\mathbb{Z}_2\mathbb{Z}_8$ -Hadamard Codes. Electronic Notes in Discrete Mathematics, 2018, 70, 25-30.	0.4	1
35	On the Linearity and Structure of \mathbb{Z}_2 -Linear Simplex and MacDonald Codes. , 2021, , .		1
36	Quaternary group ring codes: Ranks, kernels and self-dual codes. Advances in Mathematics of Communications, 2020, 14, 319-332.	0.7	1

#	ARTICLE	IF	CITATIONS
37	On the Kernel of \mathbb{Z}_{2^s} -Linear Hadamard Codes. Lecture Notes in Computer Science, 2017, , 107-117.	1.3	1
38	Additive codes over \mathbb{Z}_2 and \mathbb{Z}_4 , 2010, , .		0
39	Self-dual codes over a family of local rings. Applicable Algebra in Engineering, Communications and Computing, 2021, 32, 265-281.	0.5	0
40	On LCD, self dual and isodual cyclic codes over finite chain rings. Finite Fields and Their Applications, 2022, 79, 101993.	1.0	0
41	Nonlinearity and Kernel of \mathbb{Z} -Linear Simplex and MacDonal Codes. IEEE Transactions on Information Theory, 2022, 68, 7174-7183.	2.4	0