

# Cristina Fernández-Cárdenas

## List of Publications by Year in descending order

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docs citations

41  
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216  
citing authors

#	ARTICLE	IF	CITATIONS
1	On LCD, self dual and isodual cyclic codes over finite chain rings. Finite Fields and Their Applications, 2022, 79, 101993.	1.0	0
2	On the linearity and classification of $\mathbb{Z}_p$ -linear generalized hadamard codes. Designs, Codes, and Cryptography, 2022, 90, 1037-1058.	1.6	9
3	Nonlinearity and Kernel of Z-Linear Simplex and MacDonald Codes. IEEE Transactions on Information Theory, 2022, 68, 7174-7183.	2.4	0
4	Self-dual codes over a family of local rings. Applicable Algebra in Engineering, Communications and Computing, 2021, 32, 265-281.	0.5	0
5	Additive G-codes over $\mathbb{Z}_2$ -linear Hadamard codes and their dualities. Finite Fields and Their Applications, 2021, 72, 101821.	1.0	2
6	On the Linearity and Structure of $\mathbb{Z}_2$ -Linear Simplex and MacDonald Codes. , 2021, , ,		1
7	Equivalences among $\mathbb{Z}_2$ -linear Hadamard codes. Discrete Mathematics, 2020, 343, 111721.	0.7	12
8	On $\mathbb{Z}_2$ -linear Hadamard codes: kernel and partial classification. Designs, Codes, and Cryptography, 2019, 87, 417-435.	1.6	21
9	On $\mathbb{Z}_8$ -Linear Hadamard Codes: Rank and Classification. IEEE Transactions on Information Theory, 2020, 66, 970-982.	2.4	14
10	Quaternary group ring codes: Ranks, kernels and self-dual codes. Advances in Mathematics of Communications, 2020, 14, 319-332.	0.7	1
11	$\mathbb{Z}_2$ -linear Hadamard Codes: Kernel and Rank. IEEE Transactions on Information Theory, 2019, 65, 2119-2127.	2.4	2
12	On $\mathbb{Z}_2$ -linear Hadamard codes: kernel and partial classification. Designs, Codes, and Cryptography, 2019, 87, 417-435.	1.6	21
13	$\mathbb{Z}_2$ -double cyclic codes. Designs, Codes, and Cryptography, 2018, 86, 463-479.	1.6	33
14	Linear and cyclic codes over direct product of finite chain rings. Mathematical Methods in the Applied Sciences, 2018, 41, 6519-6529.	2.3	4
15	A characterization of $\mathbb{Z}_2$ -linear Hadamard codes. Designs, Codes, and Cryptography, 2018, 86, 1377-1389.	1.6	7
16	On the Rank of $\mathbb{Z}_8$ -Linear Hadamard Codes. Electronic Notes in Discrete Mathematics, 2018, 70, 25-30.	0.4	1
17	Binary Images of $\mathbb{Z}_2$ -Linear Hadamard Codes. IEEE Transactions on Information Theory, 2018, 64, 7551-7556.	2.4	6
18	On $\mathbb{Z}_2$ -linear Hadamard codes: kernel and partial classification. Advances in Mathematics of Communications, 2018, 12, 169-179.	0.7	1

#	ARTICLE	IF	CITATIONS
19	There is exactly one $\mathbb{Z}_2 \times \mathbb{Z}_4$ -cyclic 1-pe. Designs, Codes, and Cryptography, 2017, 85, 557-566.	1.6	3
20	Room escape at class: Escape games activities to facilitate the motivation and learning in computer science. Journal of Technology and Science Education, 2017, 7, 162.	1.2	133
21	On the Kernel of $\mathbb{Z}_{2^s}$ -Linear Hadamard Codes. Lecture Notes in Computer Science, 2017, , 107-117.	1.3	1
22	Construction and classification of $\mathbb{Z}_2$ -linear Hadamard codes. Electronic Notes in Discrete Mathematics, 2016, 54, 247-252.	0.4	2
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	Kernels and ranks of cyclic and negacyclic quaternary codes. Designs, Codes, and Cryptography, 2016, 81, 347-364.	1.6	6
25	$\mathbb{Z}_2 \times \mathbb{Z}_4$ -Additive Cyclic Codes, Generator Polynomials, and Dual Codes. IEEE Transactions on Information Theory, 2016, 62, 6348-6354.	2.4	36
26	Self-dual codes from 3-class association schemes. Applicable Algebra in Engineering, Communications and Computing, 2015, 26, 227-250.	0.5	1
27	Permutation decoding of $\mathbb{Z}_2 \times \mathbb{Z}_4$ -linear codes. Designs, Codes, and Cryptography, 2015, 76, 269-277.	1.6	15
28	$\mathbb{Z}_2 \times \mathbb{Z}_4$ -Additive formally self-dual codes. Designs, Codes, and Cryptography, 2014, 72, 435-453.	1.6	1
29	Characterization and constructions of self-dual codes over $\mathbb{Z}_2 \times \mathbb{Z}_4$ . Advances in Mathematics of Communications, 2012, 6, 287-303.	0.7	8
30	Involutions in Binary Perfect Codes. IEEE Transactions on Information Theory, 2011, 57, 5926-5932.	2.4	6
31	Maximum distance separable codes over $\mathbb{Z}_4$ and $\mathbb{Z}_2 \times \mathbb{Z}_4$ . Designs, Codes, and Cryptography, 2011, 61, 31-40.	1.6	20
32	Codes over $\mathbb{Z}_{2^k}$ , Gray map and self-dual codes. Advances in Mathematics of Communications, 2011, 5, 571-588.	0.7	39
33	$\mathbb{Z}_2 \times \mathbb{Z}_4$ -linear codes: generator matrices and duality. Designs, Codes, and Cryptography, 2010, 54, 167-179.	1.6	112
34	$\mathbb{Z}_2 \times \mathbb{Z}_4$ -linear codes: rank and kernel. Designs, Codes, and Cryptography, 2010, 56, 43-59.	1.6	36
35	On the minimum distance graph of an extended Preparata code. Designs, Codes, and Cryptography, 2010, 57, 161-168.	1.6	2
36	Additive codes over $\mathbb{Z}_2 \times \mathbb{Z}_4$ ; $\mathbb{Z}_2 \times \mathbb{Z}_4$ , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	ZRM Codes. IEEE Transactions on Information Theory, 2008, 54, 380-386.	2.4	9
38	On Rank and Kernel of $\mathbb{Z}_4$ -Linear Codes. Lecture Notes in Computer Science, 2008, , 46-55.	1.3	11
39	Quaternary Reed-Muller Codes. IEEE Transactions on Information Theory, 2005, 51, 2686-2691.	2.4	17
40	Lossy coding techniques for high-resolution images. , 2004, , .		3
41	Review of CCSDS-ILDC and JPEG2000 coding techniques for remote sensing. , 2004, , .		1