

Rocco Trombetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/438325/publications.pdf>

Version: 2024-02-01

37
papers

371
citations

759233

12
h-index

794594

19
g-index

37
all docs

37
docs citations

37
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized twisted Gabidulin codes. Journal of Combinatorial Theory - Series A, 2018, 159, 79-106.	0.8	47
2	Maximum scattered linear sets of pseudoregulus type and the Segre variety $\mathcal{S}_{n,n}$. Journal of Algebraic Combinatorics, 2014, 39, 807-831.	0.8	39
3	$\mathcal{S}_{n,n}$. Journal of Algebraic Combinatorics, 2014, 39, 807-831.	0.8	36
4	On kernels and nuclei of rank metric codes. Journal of Algebraic Combinatorics, 2017, 46, 313-340.	0.8	34
5	On \mathbb{F}_q -linear sets of rank metric codes. Journal of Algebraic Combinatorics, 2017, 46, 313-340.	0.8	29
6	A New Family of MRD Codes in \mathbb{F}_q -Linear Sets of Rank Metric Codes. With Right and Middle Nuclei. IEEE Transactions on Information Theory, 2019, 65, 1054-1062.	2.4	25
7	Translation dual of a semifield. Journal of Combinatorial Theory - Series A, 2008, 115, 1321-1332.	0.8	17
8	Infinite families of new semifields. Combinatorica, 2009, 29, 637-663.	1.2	16
9	Symplectic semifield spreads of $PG(5, q)$ and the veronese surface. Ricerche Di Matematica, 2011, 60, 125-142.	1.0	16
10	Semifields of order q^{2n} . Ricerche Di Matematica, 2011, 60, 125-142.	1.0	14
11	Solution to An Isotopism Question Concerning Rank 2 Semifields. Journal of Combinatorial Designs, 2015, 23, 60-77.	0.6	14
12	On a generalization of cyclic semifields. Journal of Algebraic Combinatorics, 2009, 29, 1-34.	0.8	13
13	q -pseudoreguli of $PG(m, q)$. Journal of Algebraic Combinatorics, 2009, 29, 1-34.		

#	ARTICLE	IF	CITATIONS
19	Spreads of $PG(3, q)$ and ovoids of polar spaces. <i>Forum Mathematicum</i> , 2007, 19, .	0.7	3
20	Fractional dimension of binary Knuth semifield planes. <i>Journal of Combinatorial Designs</i> , 2012, 20, 317-327.	0.6	3
21	A remark on symplectic semifield planes and Z_4 -linear codes. <i>Designs, Codes, and Cryptography</i> , 2013, 69, 143-149.	1.6	3
22	Hyperovals in Knuth's binary semifield planes. <i>European Journal of Combinatorics</i> , 2017, 62, 77-91.	0.8	3
23	Nuclei and automorphism groups of generalized twisted Gabidulin codes. <i>Linear Algebra and Its Applications</i> , 2019, 575, 1-26.	0.9	3
24	Automorphism groups and new constructions of maximum additive rank metric codes with restrictions. <i>Discrete Mathematics</i> , 2020, 343, 111871.	0.7	3
25	On semifields of type $(q^{2n}, qn, q^2, q^2, q)$, n odd. <i>Innovations in Incidence Geometry</i> , 2008, 6, 271-289.	0.1	3
26	On the Sporadic Semifield Flock. <i>Designs, Codes, and Cryptography</i> , 2003, 30, 219-226.	1.6	2
27	On the List Decodability of Rank Metric Codes. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 5379-5386.	2.4	2
28	On Hermitian Spreads. <i>Bulletin of the Belgian Mathematical Society - Simon Stevin</i> , 2004, 11, .	0.2	2
29	Slices of the unitary spread. <i>Journal of Algebraic Combinatorics</i> , 2011, 33, 37-56.	0.8	1
30	A Generalization of Some Huang–Johnson Semifields. <i>Electronic Journal of Combinatorics</i> , 2011, 18, .	0.4	1
31	A new semifield of order 210. <i>Discrete Mathematics</i> , 2010, 310, 3108-3113.	0.7	0
32	Subplanes of a translation plane. <i>Finite Fields and Their Applications</i> , 2014, 30, 121-138.	1.0	0
33	On the 2-ranks of a class of unitals. <i>Finite Fields and Their Applications</i> , 2016, 40, 90-109.	1.0	0
34	Unitals in shift planes of odd order. <i>Forum Mathematicum</i> , 2017, 29, .	0.7	0
35	The Generalized Translation Dual of a Semifield. <i>Annals of Combinatorics</i> , 2017, 21, 629-643.	0.6	0
36	Hermitian Rank-Metric Codes. <i>Trends in Mathematics</i> , 2021, , 423-428.	0.1	0

#	ARTICLE	IF	CITATIONS
37	On sets of subspaces with two intersection dimensions and a geometrical junta bound. Designs, Codes, and Cryptography, 0, , 1.	1.6	0