

Rocco Trombetti

List of Publications by Year in descending order

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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	On maximum additive Hermitian rank-metric codes. Journal of Algebraic Combinatorics, 2021, 54, 151-171.	0.8	4
2	Hermitian Rank-Metric Codes. Trends in Mathematics, 2021, , 423-428.	0.1	0
3	Evasive subspaces. Journal of Combinatorial Designs, 2021, 29, 533-551.	0.6	6
4	On the List Decodability of Rank Metric Codes. IEEE Transactions on Information Theory, 2020, 66, 5379-5386.	2.4	2
5	Automorphism groups and new constructions of maximum additive rank metric codes with restrictions. Discrete Mathematics, 2020, 343, 111871.	0.7	3
6	A New Family of MRD Codes in $\mathbb{F}_q^{2n \times 2n}$ With Right and Middle Nuclei \mathbb{F}_q^n . IEEE Transactions on Information Theory, 2019, 65, 1054-1062.	2.4	25
7	Nuclei and automorphism groups of generalized twisted Gabidulin codes. Linear Algebra and Its Applications, 2019, 575, 1-26.	0.9	3
8	Generalized twisted Gabidulin codes. Journal of Combinatorial Theory - Series A, 2018, 159, 79-106.	0.8	47
9	Hyperovals in Knuth's binary semifield planes. European Journal of Combinatorics, 2017, 62, 77-91.	0.8	3
10	On kernels and nuclei of rank metric codes. Journal of Algebraic Combinatorics, 2017, 46, 313-340.	0.8	34
11	Unitals in shift planes of odd order. Forum Mathematicum, 2017, 29, .	0.7	0
12	The Generalized Translation Dual of a Semifield. Annals of Combinatorics, 2017, 21, 629-643.	0.6	0
13	On the 2-ranks of a class of unitals. Finite Fields and Their Applications, 2016, 40, 90-109.	1.0	0
14	Solution to An Isotopism Question Concerning Rank 2 Semifields. Journal of Combinatorial Designs, 2015, 23, 60-77.	0.6	14
15	Subplanes of a translation plane. Finite Fields and Their Applications, 2014, 30, 121-138.	1.0	0
16	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
17	A remark on symplectic semifield planes and \mathbb{Z}_4 -linear codes. Designs, Codes, and Cryptography, 2013, 69, 143-149.	1.6	3
18	Fractional dimension of binary Knuth semifield planes. Journal of Combinatorial Designs, 2012, 20, 317-327.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Towards the classification of rank 2 semifields 6-dimensional over their center. Designs, Codes, and Cryptography, 2011, 61, 11-29.	1.6	10
20	Slices of the unitary spread. Journal of Algebraic Combinatorics, 2011, 33, 37-56.	0.8	1
21	Symplectic semifield spreads of $PG(5, q)$ and the veronese surface. Ricerche Di Matematica, 2011, 60, 125-142.	1.0	16
22	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="double-struck"} \rangle F \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle q \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{-pseudoreguli}$ of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle PG \langle \text{mml:mi} \rangle \langle \text{mml:mo}$		

#	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