

Lutz StrÃ¼ngmann

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

389
citations

759233

12
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794594

19
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40
all docs

40
docs citations

40
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e5307" altimg="si474.svg" \rangle \langle \text{mml:mi mathvariant="script" \rangle I \langle \text{mml:math \rangle -circular codes. BioSystems, 2022, 219, 104716.}$	2.0	2
2	Near-isomorphism for bounded completely decomposable groups. Israel Journal of Mathematics, 2021, 241, 277-299.	0.8	0
3	Equivalence classes of circular codes induced by permutation groups. Theory in Biosciences, 2021, 140, 107-121.	1.4	2
4	Infinite combinatorics in mathematical biology. BioSystems, 2021, 204, 104392.	2.0	7
5	Computational Analysis of Genetic Code Variations Optimized for the Robustness against Point Mutations with Wobble-like Effects. Life, 2021, 11, 1338.	2.4	0
6	The Relation Between k -Circularity and Circularity of Codes. Bulletin of Mathematical Biology, 2020, 82, 105.	1.9	6
7	Circular Tessera Codes in the Evolution of the Genetic Code. Bulletin of Mathematical Biology, 2020, 82, 48.	1.9	4
8	Linear codes and the mitochondrial genetic code. BioSystems, 2019, 184, 103990.	2.0	4
9	Mixed circular codes. Mathematical Biosciences, 2019, 317, 108231.	1.9	7
10	Some transitivity-like concepts in Abelian groups. Journal of Algebra, 2019, 529, 114-123.	0.7	4
11	Parallelism as a universal principle of structuring information flows. , 2019, , .		0
12	Self-complementary circular codes in coding theory. Theory in Biosciences, 2018, 137, 51-65.	1.4	18
13	Mathematical fundamentals for the noise immunity of the genetic code. BioSystems, 2018, 164, 186-198.	2.0	34
14	Strong Comma-Free Codes in Genetic Information. Bulletin of Mathematical Biology, 2017, 79, 1796-1819.	1.9	19
15	Diletter circular codes over finite alphabets. Mathematical Biosciences, 2017, 294, 120-129.	1.9	11
16	Codon Distribution in Error-Detecting Circular Codes. Life, 2016, 6, 14.	2.4	13
17	Maximal dinucleotide comma-free codes. Journal of Theoretical Biology, 2016, 389, 206-213.	1.7	11
18	$\langle i \rangle n \langle /i \rangle$ -Nucleotide circular codes in graph theory. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150058.	3.4	33

#	ARTICLE	IF	CITATIONS
19	Yury Borisovich Rumer and his "biological papers"™ on the genetic code. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150228.	3.4	21
20	Cellular covers of μ -free abelian groups. Journal of Algebra and Its Applications, 2015, 14, 1550139.	0.4	2
21	Circular codes, symmetries and transformations. Journal of Mathematical Biology, 2015, 70, 1623-1644.	1.9	50
22	Dinucleotide circular codes and bijective transformations. Journal of Theoretical Biology, 2015, 386, 159-165.	1.7	24
23	On models of the genetic code generated by binary dichotomic algorithms. BioSystems, 2015, 128, 9-18.	2.0	16
24	On the hierarchy of trinucleotide n-circular codes and their corresponding amino acids. Journal of Theoretical Biology, 2015, 364, 113-120.	1.7	18
25	On the p-rank of $\text{Ext}(A,B)$ for countable abelian groups A and B. Israel Journal of Mathematics, 2014, 199, 567-572.	0.8	0
26	On dichotomic classes and bijections of the genetic code. Journal of Theoretical Biology, 2013, 336, 221-230.	1.7	26
27	Classification of some Butler groups of infinite rank. Journal of Algebra, 2013, 380, 1-17.	0.7	8
28	Extensions in the class of countable torsion-free Abelian groups. Acta Mathematica Hungarica, 2013, 140, 316-328.	0.5	1
29	μ -FREE MODULES OVER COMPLETE DISCRETE VALUATION DOMAINS WITH ALMOST TRIVIAL DUAL. Glasgow Mathematical Journal, 2013, 55, 369-380.	0.3	6
30	On Cellular Covers with Free Kernels. Mediterranean Journal of Mathematics, 2012, 9, 295-304.	0.8	3
31	RATIONAL RINGS RELATED TO WEAKLY TRANSITIVE TORSION-FREE ABELIAN GROUPS. Journal of Algebra and Its Applications, 2009, 08, 723-732.	0.4	1
32	LARGE INDECOMPOSABLE MINIMAL GROUPS. Quarterly Journal of Mathematics, 2009, 60, 353-365.	0.8	2
33	Near Isomorphism for a Class of Infinite Rank Torsion-Free Abelian Groups. Communications in Algebra, 2007, 35, 1055-1072.	0.6	10
34	$\left\{ \left(\frac{V}{W} \right) \right\}_{\text{Ext-cotorsion pairs}}$. Archiv Der Mathematik, 2006, 86, 193-204.	0.5	0
35	Baer cotorsion Pairs. Israel Journal of Mathematics, 2006, 151, 29-51.	0.8	0
36	TORSION-FREE WEAKLY TRANSITIVE ABELIAN GROUPS. Communications in Algebra, 2005, 33, 1177-1191.	0.6	13

#	ARTICLE	IF	CITATIONS
37	It is consistent with ZFC that B1 -groups are not B2. Forum Mathematicum, 2003, 15, .	0.7	5
38	Bounded Essential Extensions of Completely Decomposable Groups. Journal of Algebra, 2000, 229, 205-233.	0.7	6
39	Relative annihilators in bounded commutative residuated lattices. Indian Journal of Pure and Applied Mathematics, 0, , .	0.5	2