

Francisco Cesar Polcino Milies

List of Publications by Year in descending order

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72
papers

695
citations

687363

13
h-index

610901

24
g-index

72
all docs

72
docs citations

72
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	An Introduction to Group Rings. Algebra and Applications, 2002, , .	0.2	167
2	Idempotents in group algebras and minimal abelian codes. Finite Fields and Their Applications, 2007, 13, 382-393.	1.0	52
3	Derivations of upper triangular matrix rings. Linear Algebra and Its Applications, 1993, 187, 263-267.	0.9	41
4	Torsion units in integral group rings of metacyclic groups. Journal of Number Theory, 1984, 19, 103-114.	0.4	26
5	The normalizer property for integral group rings of Frobenius groups. Journal of Algebra, 2002, 256, 1-6.	0.7	26
6	Lie properties of symmetric elements in group rings. Journal of Algebra, 2009, 321, 890-902.	0.7	26
7	The group of units of the integral group ring $\hat{\mathbb{Z}}_4^*$. Sociedade Brasileira De Matematica Boletim, Nova Serie, 1973, 4, 85-92.	0.2	22
8	Unitary units and skew elements in group algebras. Manuscripta Mathematica, 2003, 111, 195-209.	0.6	21
9	Star-polynomial identities: Computing the exponential growth of the codimensions. Journal of Algebra, 2017, 469, 302-322.	0.7	21
10	On a conjecture of Zassenhaus on torsion units in integral group rings. II. Proceedings of the American Mathematical Society, 1986, 97, 201-206.	0.8	18
11	On Cyclic and Abelian Codes. IEEE Transactions on Information Theory, 2013, 59, 7314-7319.	2.4	15
12	Integral group rings of frobenius groups and the conjectures of H.J. Zassenhaus. Communications in Algebra, 1997, 25, 2311-2325.	0.6	13
13	ANTISYMMETRIC ELEMENTS IN GROUP RINGS II. Journal of Algebra and Its Applications, 2009, 08, 115-127.	0.4	13
14	Group identities on symmetric units. Journal of Algebra, 2009, 322, 2801-2815.	0.7	13
15	Star-group identities and groups of units. Archiv Der Mathematik, 2010, 95, 501-508.	0.5	13
16	Integral Group Rings with Nilpotent Unit Groups. Canadian Journal of Mathematics, 1976, 28, 954-960.	0.6	12
17	Symmetric Elements Under Oriented Involutions in Group Rings. Communications in Algebra, 2006, 34, 3347-3356.	0.6	12
18	Group rings whose torsion units form a subgroup II. Communications in Algebra, 1981, 9, 699-712.	0.6	11

#	ARTICLE	IF	CITATIONS
19	ISOMORPHISMS OF PARTIAL GROUP RINGS Research partially supported by CNPq Procs. 30111595-8 and 30024379-0 and FAPESP Proc. 00/07291-0.. Glasgow Mathematical Journal, 2004, 46, 161-168.	0.3	11
20	Group rings whose units form anFC-group. Archiv Der Mathematik, 1978, 30, 380-384.	0.5	10
21	Isomorphisms of integral alternative loop rings. Rendiconti Del Circolo Matematico Di Palermo, 1988, 37, 126-135.	1.3	10
22	The Torsion Product Property in Alternative Algebras. Journal of Algebra, 1996, 184, 58-70.	0.7	10
23	$\mathbb{Z}\mathbb{Z}$ -Equivalence in Group Algebras and Minimal Abelian Codes. IEEE Transactions on Information Theory, 2014, 60, 252-260.	2.4	10
24	Some classes of semisimple group (and loop) algebras over finite fields. Journal of Algebra, 2010, 324, 3457-3469.	0.7	9
25	COMMUTATIVITY OF SKEW SYMMETRIC ELEMENTS IN GROUP RINGS. Proceedings of the Edinburgh Mathematical Society, 2007, 50, 37-47.	0.3	8
26	Finite subloops of units in an alternative loop ring. Proceedings of the American Mathematical Society, 1996, 124, 995-1002.	0.8	7
27	Group algebras of torsion groups and Lie nilpotence. Journal of Group Theory, 2010, 13, .	0.2	7
28	Units of Integral Group Rings of Some Metacyclic Groups. Canadian Mathematical Bulletin, 1994, 37, 228-237.	0.5	7
29	A Note on Derivations of Group Rings. Canadian Mathematical Bulletin, 1995, 38, 434-437.	0.5	6
30	Lie Properties of Symmetric Elements Under Oriented Involutions. Communications in Algebra, 2012, 40, 4404-4419.	0.6	6
31	Loop algebras of indecomposable r.a.loops $\hat{=}$ —. Communications in Algebra, 1994, 22, 1363-1379.	0.6	5
32	Nilpotent Moufang Unit Loops. Journal of Algebra, 1997, 190, 88-99.	0.7	5
33	Finitely Generated GroupsGsuch that $G/Z(G) \hat{=} Cp^{\hat{=}}\hat{=}$ Cp. Communications in Algebra, 2014, 42, 378-388.	0.6	5
34	Star-fundamental algebras: polynomial identities and asymptotics. Transactions of the American Mathematical Society, 2020, 373, 7869-7899.	0.9	4
35	p-Adic group rings with nilpotent unit groups. Journal of Pure and Applied Algebra, 1978, 12, 147-151.	0.6	3
36	A note on central idempotents in group rings II. Proceedings of the Edinburgh Mathematical Society, 1988, 31, 211-215.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Automorphisms of group algebras of some metacyclic groups. Communications in Algebra, 1996, 24, 4135-4145.	0.6	3
38	FINITE CONJUGACY IN ALGEBRAS AND ORDERS. Proceedings of the Edinburgh Mathematical Society, 2001, 44, 201-213.	0.3	3
39	Engel subgroups of triangular matrices over local rings. Journal of Algebra, 2005, 290, 433-446.	0.7	3
40	Involutions and Anticommutativity in Group Rings. Canadian Mathematical Bulletin, 2013, 56, 344-353.	0.5	3
41	Group rings whose units form a nilpotent or FC group. Proceedings of the American Mathematical Society, 1978, 68, 247-248.	0.8	3
42	Group Rings over $\mathbb{Z}\langle i \rangle(p)\langle i \rangle$ with FC Unit Groups. Canadian Journal of Mathematics, 1980, 32, 1266-1269.	0.6	3
43	Isomorphic group rings of direct products. Archiv Der Mathematik, 1978, 31, 11-14.	0.5	2
44	Group Rings Whose Torsion Units Form a Subgroup. Proceedings of the American Mathematical Society, 1981, 81, 172.	0.8	2
45	The torsion product property in alternative algebras ii. Communications in Algebra, 1999, 27, 2905-2911.	0.6	2
46	The smallest simple Moufang loop. Journal of Algebra, 2008, 320, 961-979.	0.7	2
47	Star-group identities on units of group algebras: The non-torsion case. Forum Mathematicum, 2018, 30, 213-225.	0.7	2
48	Cocharacters of group graded algebras and multiplicities bounded by one. Linear and Multilinear Algebra, 2018, 66, 1709-1715.	1.0	2
49	Group rings whose torsion units form a subgroup. Proceedings of the Edinburgh Mathematical Society, 1994, 37, 201-205.	0.3	1
50	Loop algebras of code loops. Communications in Algebra, 1995, 23, 4781-4790.	0.6	1
51	Normal Subloops in the Integral Loop Ring of an RA Loop. Canadian Mathematical Bulletin, 2001, 44, 27-35.	0.5	1
52	Alternative Loop Rings with Solvable Unit Loops. Journal of Algebra, 2001, 240, 25-39.	0.7	1
53	WHEN IS A UNIT LOOP f -UNITARY?. Proceedings of the Edinburgh Mathematical Society, 2005, 48, 125-142.	0.3	1
54	Free groups and involutions in the unit group of a group algebra. Archiv Der Mathematik, 2005, 84, 205-210.	0.5	1

#	ARTICLE	IF	CITATIONS
55	NORMALITY OF f-UNITARY UNITS IN AN ALTERNATIVE LOOP RING. Journal of Algebra and Its Applications, 2006, 05, 537-548.	0.4	1
56	Locally nilpotent groups of units in tiled rings. Journal of Algebra, 2010, 323, 3055-3066.	0.7	1
57	Minimal codes in binary abelian group algebras. , 2011, , .		1
58	Group algebras and Lie nilpotence. Journal of Algebra, 2013, 373, 276-283.	0.7	1
59	Oriented Group Involutions and Anticommutativity in Group Rings. Communications in Algebra, 2014, 42, 1657-1667.	0.6	1
60	Group algebras of metacyclic groups over finite fields. Sao Paulo Journal of Mathematical Sciences, 2017, 11, 46-52.	0.4	1
61	Essential idempotents and codes of constant weight. Sao Paulo Journal of Mathematical Sciences, 2017, 11, 253-260.	0.4	1
62	Classifying finitely generated indecomposable RA loops. Communications in Algebra, 2018, 46, 5252-5260.	0.6	1
63	A characterization of fundamental algebras through S-characters. Journal of Algebra, 2020, 541, 51-60.	0.7	1
64	Left ideals of matrix rings and error-correcting codes. Applicable Algebra in Engineering, Communications and Computing, 2021, 32, 311-320.	0.5	1
65	Units of group rings and a conjecture of H. J. Zassenhaus. Sao Paulo Journal of Mathematical Sciences, 2022, 16, 43-61.	0.4	1
66	Central units in salternative loop rings. Archiv Der Mathematik, 2005, 85, 389-396.	0.5	0
67	Finite Generation of Units in Alternative Loop Rings. Manuscripta Mathematica, 2006, 120, 233-239.	0.6	0
68	Symmetric Units in Alternative Loop Rings. Algebra Colloquium, 2006, 13, 361-370.	0.2	0
69	Involutions of RA Loops. Canadian Mathematical Bulletin, 2009, 52, 245-256.	0.5	0
70	ORIENTED INVOLUTIONS AND SKEW-SYMMETRIC ELEMENTS IN GROUP RINGS. Journal of Algebra and Its Applications, 2013, 12, 1250131.	0.4	0
71	Alternative Loop Rings and Related Topics. , 1999, , 117-133.		0
72	Essential idempotents in group algebras and coding theory. Indian Journal of Pure and Applied Mathematics, 2021, 52, 747-760.	0.5	0