

Eric Jespers

List of Publications by Year in descending order

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51
papers

735
citations

687363

13
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580821

25
g-index

52
all docs

52
docs citations

52
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Braces and the Yang-Baxter Equation. <i>Communications in Mathematical Physics</i> , 2014, 327, 101-116.	2.2	137
2	Involutive Yang-Baxter groups. <i>Transactions of the American Mathematical Society</i> , 2010, 362, 2541-2558.	0.9	71
3	Retractability of set theoretic solutions of the Yang-Baxter equation. <i>Advances in Mathematics</i> , 2010, 224, 2472-2484.	1.1	64
4	Monoids and Groups of I-Type. <i>Algebras and Representation Theory</i> , 2005, 8, 709-729.	0.7	58
5	Generators of large subgroups of the unit group of integral group rings. <i>Manuscripta Mathematica</i> , 1993, 78, 303-315.	0.6	48
6	Solutions of the Yang-Baxter equation associated with a left brace. <i>Journal of Algebra</i> , 2016, 463, 80-102.	0.7	43
7	On Symmetric Elements and Symmetric Units in Group Rings. <i>Communications in Algebra</i> , 2006, 34, 727-736.	0.6	33
8	Quadratic algebras of skew type and the underlying monoids. <i>Journal of Algebra</i> , 2003, 270, 635-659.	0.7	23
9	ANTISYMMETRIC ELEMENTS IN GROUP RINGS. <i>Journal of Algebra and Its Applications</i> , 2005, 04, 341-353.	0.4	19
10	Left semi-braces and solutions of the Yang-Baxter equation. <i>Forum Mathematicum</i> , 2019, 31, 241-263.	0.7	18
11	Class-preserving automorphisms and the normalizer property for Blackburn groups. <i>Journal of Group Theory</i> , 2009, 12, .	0.2	15
12	A family of irretractable square-free solutions of the Yang-Baxter equation. <i>Forum Mathematicum</i> , 2017, 29, 1291-1306.	0.7	15
13	Groups of units of integral group rings commensurable with direct products of free-by-free groups. <i>Advances in Mathematics</i> , 2007, 212, 692-722.	1.1	14
14	ANTISYMMETRIC ELEMENTS IN GROUP RINGS II. <i>Journal of Algebra and Its Applications</i> , 2009, 08, 115-127.	0.4	13
15	The structure monoid and algebra of a non-degenerate set-theoretic solution of the Yang-Baxter equation. <i>Transactions of the American Mathematical Society</i> , 2019, 372, 7191-7223.	0.9	13
16	Submonoids of Polycyclic-by-Finite Groups and their Algebras. <i>Algebras and Representation Theory</i> , 2001, 4, 133-153.	0.7	12
17	Rational Group Algebras of Finite Groups: From Idempotents to Units of Integral Group Rings. <i>Algebras and Representation Theory</i> , 2012, 15, 359-377.	0.7	10
18	Monoids of IG-type and maximal orders. <i>Journal of Algebra</i> , 2007, 308, 44-62.	0.7	8

#	ARTICLE	IF	CITATIONS
19	The Gelfand-Kirillov dimension of quadratic algebras satisfying the cyclic condition. Proceedings of the American Mathematical Society, 2006, 134, 653-663.	0.8	8
20	NILPOTENT LINEAR SEMIGROUPS. International Journal of Algebra and Computation, 2006, 16, 141-160.	0.5	7
21	PRIMES OF HEIGHT ONE AND A CLASS OF NOETHERIAN FINITELY PRESENTED ALGEBRAS. International Journal of Algebra and Computation, 2007, 17, 1465-1491.	0.5	7
22	On hypercentral units in integral group rings. Journal of Group Theory, 2007, 10, .	0.2	7
23	General Noetherian semigroup algebras. , 2007, , 117-147.		7
24	QUADRATIC ALGEBRAS OF SKEW TYPE SATISFYING THE CYCLIC CONDITION. International Journal of Algebra and Computation, 2004, 14, 479-498.	0.5	5
25	Finitely generated algebras defined by homogeneous quadratic monomial relations and their underlying monoids. Journal of Algebra, 2015, 440, 72-99.	0.7	5
26	Finitely generated algebras defined by homogeneous quadratic monomial relations and their underlying monoids II. Journal of Algebra, 2017, 492, 524-546.	0.7	5
27	Semigroup graded algebras and graded PI-exponent. Israel Journal of Mathematics, 2017, 220, 387-452.	0.8	5
28	Corrigendum and addendum to “The structure monoid and algebra of a non-degenerate set-theoretic solution of the Yang-Baxter equation”, Transactions of the American Mathematical Society, 2020, 373, 4517-4521.	0.9	5
29	Normal Complements of the Trivial Units in the Unit Group of Some Integral Group Rings. Communications in Algebra, 2003, 31, 475-482.	0.6	4
30	From Farey symbols to generators for subgroups of finite index in integral group rings of finite groups. Journal of K-Theory, 2010, 6, 263-283.	0.2	4
31	Free products in the unit group of the integral group ring of a finite group. Proceedings of the American Mathematical Society, 2017, 145, 2771-2783.	0.8	4
32	Set-Theoretic Solutions of the Pentagon Equation. Communications in Mathematical Physics, 2020, 380, 1003-1024.	2.2	4
33	Structure monoids of set-theoretic solutions of the Yang-Baxter equation. Publicacions Matemàtiques, 2021, 65, 499-528.	0.5	4
34	SEMI-PRIME QUADRATIC ALGEBRAS OF GELFAND-KIRILLOV DIMENSION ONE. Journal of Algebra and Its Applications, 2004, 03, 283-300.	0.4	3
35	Semigroup Algebras of Submonoids of Polycyclic-by-Finite Groups and Maximal Orders. Algebras and Representation Theory, 2009, 12, 357-363.	0.7	3
36	Set-theoretic solutions of the Yang-Baxter equation, associated quadratic algebras and the minimality condition. Revista Matemática Complutense, 2021, 34, 99-129.	1.2	3

#	ARTICLE	IF	CITATIONS
37	Krull orders in nilpotent groups. <i>Archiv Der Mathematik</i> , 2014, 103, 27-37.	0.5	2
38	Prime Ideals in Algebras Determined by Submonoids of Nilpotent Groups. <i>Algebras and Representation Theory</i> , 2016, 19, 17-31.	0.7	2
39	Global and local properties of finite groups with only finitely many central units in their integral group ring. <i>Journal of Group Theory</i> , 2021, 24, 1163-1188.	0.2	2
40	A dichotomy for integral group rings via higher modular groups as amalgamated products. <i>Journal of Algebra</i> , 2022, 604, 185-223.	0.7	2
41	Congruence subgroups in group rings*. <i>Communications in Algebra</i> , 2000, 28, 3155-3168.	0.6	1
42	NORMAL DOMAINS WITH MONOMIAL PRESENTATIONS. <i>International Journal of Algebra and Computation</i> , 2009, 19, 287-303.	0.5	1
43	Semigroup Algebras and Noetherian Maximal Orders: a Survey. <i>Acta Applicandae Mathematicae</i> , 2009, 108, 83-99.	1.0	1
44	Finitely presented algebras defined by permutation relations of dihedral type. <i>International Journal of Algebra and Computation</i> , 2016, 26, 171-202.	0.5	1
45	Krull orders in nilpotent groups: corrigendum and addendum. <i>Archiv Der Mathematik</i> , 2016, 106, 295-299.	0.5	0
46	Group algebras and semigroup algebras defined by permutation relations of fixed length. <i>Journal of Algebra and Its Applications</i> , 2016, 15, 1650037.	0.4	0
47	On polynomials that are not quite an identity on an associative algebra. <i>Israel Journal of Mathematics</i> , 2019, 234, 371-391.	0.8	0
48	Nilpotent decomposition in integral group rings. <i>Journal of Algebra</i> , 2021, 575, 127-158.	0.7	0
49	A note on the normalizer problem. <i>Matematica Contemporanea</i> , 2001, 21, .	0.0	0
50	QUADRATIC ALGEBRAS OF SKEW TYPE. , 2006, , .		0
51	The unit group of integral group rings: generators of subgroups of finite index. <i>Matematica Contemporanea</i> , 1994, 6, .	0.0	0