

Eric Jespers

List of Publications by Year in descending order

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papers

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687220

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h-index

580701

25
g-index

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all docs

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docs citations

52
times ranked

107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A dichotomy for integral group rings via higher modular groups as amalgamated products. <i>Journal of Algebra</i> , 2022, 604, 185-223. | 0.4 | 2 |
| 2 | Set-theoretic solutions of the Yang-Baxter equation, associated quadratic algebras and the minimality condition. <i>Revista Matemática Complutense</i> , 2021, 34, 99-129. | 0.7 | 3 |
| 3 | 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 |
| 4 | Nilpotent decomposition in integral group rings. <i>Journal of Algebra</i> , 2021, 575, 127-158. | 0.4 | 0 |
| 5 | Structure monoids of set-theoretic solutions of the Yang-Baxter equation. <i>Publicacions Matemàtiques</i> , 2021, 65, 499-528. | 0.2 | 4 |
| 6 | Set-Theoretic Solutions of the Pentagon Equation. <i>Communications in Mathematical Physics</i> , 2020, 380, 1003-1024. | 1.0 | 4 |
| 7 | Corrigendum and addendum to "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> , 2020, 373, 4517-4521. | 0.5 | 5 |
| 8 | On polynomials that are not quite an identity on an associative algebra. <i>Israel Journal of Mathematics</i> , 2019, 234, 371-391. | 0.4 | 0 |
| 9 | 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. | 0.5 | 13 |
| 10 | Left semi-braces and solutions of the Yang-Baxter equation. <i>Forum Mathematicum</i> , 2019, 31, 241-263. | 0.3 | 18 |
| 11 | Free products in the unit group of the integral group ring of a finite group. <i>Proceedings of the American Mathematical Society</i> , 2017, 145, 2771-2783. | 0.4 | 4 |
| 12 | A family of irretractable square-free solutions of the Yang-Baxter equation. <i>Forum Mathematicum</i> , 2017, 29, 1291-1306. | 0.3 | 15 |
| 13 | Finitely generated algebras defined by homogeneous quadratic monomial relations and their underlying monoids II. <i>Journal of Algebra</i> , 2017, 492, 524-546. | 0.4 | 5 |
| 14 | Semigroup graded algebras and graded PI-exponent. <i>Israel Journal of Mathematics</i> , 2017, 220, 387-452. | 0.4 | 5 |
| 15 | Solutions of the Yang-Baxter equation associated with a left brace. <i>Journal of Algebra</i> , 2016, 463, 80-102. | 0.4 | 43 |
| 16 | Krull orders in nilpotent groups: corrigendum and addendum. <i>Archiv Der Mathematik</i> , 2016, 106, 295-299. | 0.3 | 0 |
| 17 | Prime Ideals in Algebras Determined by Submonoids of Nilpotent Groups. <i>Algebras and Representation Theory</i> , 2016, 19, 17-31. | 0.4 | 2 |
| 18 | Finitely presented algebras defined by permutation relations of dihedral type. <i>International Journal of Algebra and Computation</i> , 2016, 26, 171-202. | 0.4 | 1 |

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|----|---|-----|-----------|
| 19 | Group algebras and semigroup algebras defined by permutation relations of fixed length. Journal of Algebra and Its Applications, 2016, 15, 1650037. | 0.3 | 0 |
| 20 | Finitely generated algebras defined by homogeneous quadratic monomial relations and their underlying monoids. Journal of Algebra, 2015, 440, 72-99. | 0.4 | 5 |
| 21 | Krull orders in nilpotent groups. Archiv Der Mathematik, 2014, 103, 27-37. | 0.3 | 2 |
| 22 | Braces and the Yang-Baxter Equation. Communications in Mathematical Physics, 2014, 327, 101-116. | 1.0 | 137 |
| 23 | Rational Group Algebras of Finite Groups: From Idempotents to Units of Integral Group Rings. Algebras and Representation Theory, 2012, 15, 359-377. | 0.4 | 10 |
| 24 | Involutive Yang-Baxter groups. Transactions of the American Mathematical Society, 2010, 362, 2541-2558. | 0.5 | 71 |
| 25 | Retractability of set theoretic solutions of the Yang-Baxter equation. Advances in Mathematics, 2010, 224, 2472-2484. | 0.5 | 64 |
| 26 | 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. | 0.3 | 4 |
| 27 | ANTISYMMETRIC ELEMENTS IN GROUP RINGS II. Journal of Algebra and Its Applications, 2009, 08, 115-127. | 0.3 | 13 |
| 28 | NORMAL DOMAINS WITH MONOMIAL PRESENTATIONS. International Journal of Algebra and Computation, 2009, 19, 287-303. | 0.4 | 1 |
| 29 | Semigroup Algebras and Noetherian Maximal Orders: a Survey. Acta Applicandae Mathematicae, 2009, 108, 83-99. | 0.5 | 1 |
| 30 | Semigroup Algebras of Submonoids of Polycyclic-by-Finite Groups and Maximal Orders. Algebras and Representation Theory, 2009, 12, 357-363. | 0.4 | 3 |
| 31 | Class-preserving automorphisms and the normalizer property for Blackburn groups. Journal of Group Theory, 2009, 12, . | 0.2 | 15 |
| 32 | PRIMES OF HEIGHT ONE AND A CLASS OF NOETHERIAN FINITELY PRESENTED ALGEBRAS. International Journal of Algebra and Computation, 2007, 17, 1465-1491. | 0.4 | 7 |
| 33 | On hypercentral units in integral group rings. Journal of Group Theory, 2007, 10, . | 0.2 | 7 |
| 34 | Monoids of IG-type and maximal orders. Journal of Algebra, 2007, 308, 44-62. | 0.4 | 8 |
| 35 | Groups of units of integral group rings commensurable with direct products of free-by-free groups. Advances in Mathematics, 2007, 212, 692-722. | 0.5 | 14 |
| 36 | General Noetherian semigroup algebras. , 2007, , 117-147. | | 7 |

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|----|---|-----|-----------|
| 37 | On Symmetric Elements and Symmetric Units in Group Rings. Communications in Algebra, 2006, 34, 727-736. | 0.3 | 33 |
| 38 | NILPOTENT LINEAR SEMIGROUPS. International Journal of Algebra and Computation, 2006, 16, 141-160. | 0.4 | 7 |
| 39 | The Gelfand-Kirillov dimension of quadratic algebras satisfying the cyclic condition. Proceedings of the American Mathematical Society, 2006, 134, 653-663. | 0.4 | 8 |
| 40 | QUADRATIC ALGEBRAS OF SKEW TYPE. , 2006, , . | | 0 |
| 41 | Monoids and Groups of I-Type. Algebras and Representation Theory, 2005, 8, 709-729. | 0.4 | 58 |
| 42 | ANTISYMMETRIC ELEMENTS IN GROUP RINGS. Journal of Algebra and Its Applications, 2005, 04, 341-353. | 0.3 | 19 |
| 43 | QUADRATIC ALGEBRAS OF SKEW TYPE SATISFYING THE CYCLIC CONDITION. International Journal of Algebra and Computation, 2004, 14, 479-498. | 0.4 | 5 |
| 44 | SEMIPRIME QUADRATIC ALGEBRAS OF GELFANDâ€™KIRILLOV DIMENSION ONE. Journal of Algebra and Its Applications, 2004, 03, 283-300. | 0.3 | 3 |
| 45 | Quadratic algebras of skew type and the underlying monoids. Journal of Algebra, 2003, 270, 635-659. | 0.4 | 23 |
| 46 | Normal Complements of the Trivial Units in the Unit Group of Some Integral Group Rings. Communications in Algebra, 2003, 31, 475-482. | 0.3 | 4 |
| 47 | Submonoids of Polycyclic-by-Finite Groups and their Algebras. Algebras and Representation Theory, 2001, 4, 133-153. | 0.4 | 12 |
| 48 | A note on the normalizer problem. Matematica Contemporanea, 2001, 21, . | 0.0 | 0 |
| 49 | Congruence subgroups in group rings*. Communications in Algebra, 2000, 28, 3155-3168. | 0.3 | 1 |
| 50 | The unit group of integral group rings: generators of subgroups of finite index. Matematica Contemporanea, 1994, 6, . | 0.0 | 0 |
| 51 | Generators of large subgroups of the unit group of integral group rings. Manuscripta Mathematica, 1993, 78, 303-315. | 0.3 | 48 |