Laurence Barker

List of Publications by Year
in descending order

31 papers	**198** citations	1163117 **8** h-index	1058476 **14** g-index
31 all docs	**31** docs citations	**31** times ranked	**58** citing authors

#	Article	IF	Citations
1	The discrete harmonic oscillator, Harper's equation, and the discrete fractional Fourier transform. Journal of Physics A, 2000, 33, 2209-2222.	1.6	59
2	Rhetorical biset functors, rational p-biset functors and their semisimplicity in characteristic zero. Journal of Algebra, 2008, 319, 3810-3853.	0.7	20
3	Fibred permutation sets and the idempotents and units of monomial Burnside rings. Journal of Algebra, 2004, 281, 535-566.	0.7	18
4	ON p- SOLUBLE GROUPS AND THE NUMBER OF SIMPLE MODULES ASSOCIATED WITH A GIVEN BRAUER PAIR. Quarterly Journal of Mathematics, 1997, 48, 133-160.	0.8	13
5	Continuum quantum systems as limits of discrete quantum systems: II. State functions. Journal of Physics A, 2001, 34, 4673-4682.	1.6	13
6	The discrete fractional Fourier transform and Harper's equation. Mathematika, 2000, 47, 281-297.	0.5	11
7	Continuum Quantum Systems as Limits of Discrete Quantum Systems, I: State Vectors. Journal of Functional Analysis, 2001, 186, 153-166.	1.4	8
8	Continuum quantum systems as limits of discrete quantum systems. III. Operators. Journal of Mathematical Physics, 2001, 42, 4653-4668.	1.1	8
9	Genotypes of irreducible representations of finite p-groups. Journal of Algebra, 2006, 306, 655-681.	0.7	7
10	Continuum quantum systems as limits of discrete quantum systems. IV. Affine canonical transforms. Journal of Mathematical Physics, 2003, 44, 1535-1553.	1.1	6
11	G-algebras, Clifford theory, and the Green correspondence. Journal of Algebra, 1995, 172, 335-353.	0.7	5
12	Some deformations of the fibred biset category. Turkish Journal of Mathematics, 2020, 44, 2062-2072.	0.7	4
13	Defects of Irreducible Characters ofp-Soluble Groups. Journal of Algebra, 1998, 202, 178-184.	0.7	3
14	Tornehave morphisms, II: The lifted Tornehave morphism and the dual of the Burnside functor. Journal of Pure and Applied Algebra, 2010, 214, 1759-1777.	0.6	3
15	Simple Functors of Admissible Linear Categories. Algebras and Representation Theory, 2016, 19, 463-472.	0.7	3
16	Induction, restriction and G-algebras. Communications in Algebra, 1994, 22, 6349-6383.	0.6	2
17	On Contractibility of the Orbit Space of aG-Poset of Brauer Pairs. Journal of Algebra, 1999, 212, 460-465.	0.7	2
18	A new notion of rank for finite supersolvable groups and free linear actions on products of spheres. Journal of Group Theory, 2003, 6, .	0.2	2

#	Article	IF	Citations
19	Tornehave Morphisms I: Resurrecting the Virtual Permutation Sets Annihilated by Linearization. Communications in Algebra, 2010, 39, 355-395.	0.6	2
20	A General Approach to Green Functors Using Bisets. Communications in Algebra, 2016, 44, 5351-5375.	0.6	2
21	An inversion formula for the primitive idempotents of the trivial source algebra. Journal of Pure and Applied Algebra, 2019, 223, 5444-5454.	0.6	2
22	The number of blocks with a given defect group. Mathematika, 1997, 44, 368-373.	0.5	1
23	Local representation theory and mÃ¶bius inversion. Communications in Algebra, 1999, 27, 3377-3399.	0.6	1
24	A refinement of Alperinâ€™s Conjecture for blocks of the endomorphism algebra of the Sylow permutation module. Archiv Der Mathematik, 2016, 106, 15-20.	0.5	1
25	Blocks of Mackey categories. Journal of Algebra, 2016, 446, 34-57.	0.7	1
26	Tornehave morphisms III: The reduced Tornehave morphism and the Burnside unit functor. Journal of Algebra, 2016, 446, 19-33.	0.7	1
27	The dimension of a primitive interior G-algebra. Glasgow Mathematical Journal, 1999, 41, 151-155.	0.3	0
28	Real representation spheres and the real monomial Burnside ring. Journal of Algebra, 2012, 353, 79-92.	0.7	0
29	A new canonical induction formula for p-permutation modules. Comptes Rendus Mathematique, 2019, 357, 327-332.	0.3	0
30	Conjectural invariance with respect to the fusion system of an almost-source algebra. Journal of Group Theory, 2022, .	0.2	0
31	MÃ–BIUS INVERSION AND THE LEFSCHETZ INVARIANTS OF SOME p-SUBGROUP COMPLEXES. Communications in Algebra, 1996, 24, 2755-2769.	0.6	0