

Karin Erdmann

List of Publications by Year in descending order

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79
papers

1,383
citations

304368
22
h-index

377514
34
g-index

80
all docs

80
docs citations

80
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Support Varieties for Selfinjective Algebras. K-theory, 2004, 33, 67-87.	0.5	83
2	Radical embeddings and representation dimension. Advances in Mathematics, 2004, 185, 159-177.	0.5	80
3	On Auslander-Reiten components of blocks and self-injective biserial algebras. Transactions of the American Mathematical Society, 1992, 330, 165-189.	0.5	65
4	On Auslander-Reiten components for group algebras. Journal of Pure and Applied Algebra, 1995, 104, 149-160.	0.3	48
5	The stable Calabi-Yau dimension of tame symmetric algebras. Journal of the Mathematical Society of Japan, 2006, 58, .	0.3	40
6	Representation theory of the Drinfeld doubles of a family of Hopf algebras. Journal of Pure and Applied Algebra, 2006, 204, 413-454.	0.3	39
7	On Standardly Stratified Algebras. Communications in Algebra, 2003, 31, 3429-3446.	0.3	34
8	Deformed preprojective algebras of generalized Dynkin type. Transactions of the American Mathematical Society, 2007, 359, 2625-2650.	0.5	33
9	Young modules for symmetric groups. Journal of the Australian Mathematical Society, 2001, 71, 201-210.	0.3	32
10	Tilting Modules, Symmetric Functions, and the Module Structure of the Free Lie Algebra. Journal of Algebra, 1998, 203, 69-90.	0.4	31
11	Twisted Bimodules and Hochschild Cohomology for Self-injective Algebras of Class A_n , II. Algebras and Representation Theory, 2002, 5, 457-482.	0.4	31
12	Homology and cohomology of quantum complete intersections. Algebra and Number Theory, 2008, 2, 501-522.	0.3	31
13	SCHUR ALGEBRAS OF FINITE TYPE. Quarterly Journal of Mathematics, 1993, 44, 17-41.	0.3	30
14	On Hochschild Cohomology of Preprojective Algebras, I. Journal of Algebra, 1998, 205, 391-412.	0.4	30
15	Representation type of Hecke algebras of type A_n . Transactions of the American Mathematical Society, 2001, 354, 275-285.	0.5	30
16	Decomposition Numbers for Symmetric Groups and Composition Factors of Weyl Modules. Journal of Algebra, 1996, 180, 316-320.	0.4	27
17	Tensor products and dimensions of simple modules for symmetric groups. Manuscripta Mathematica, 1995, 88, 357-386.	0.3	24
18	Algebras and quaternion defect groups. II. Mathematische Annalen, 1988, 281, 561-582.	0.7	23

#	ARTICLE	IF	CITATIONS
19	Extensions of Modules over Schur Algebras, Symmetric Groups and Hecke Algebras. Algebras and Representation Theory, 2004, 7, 67-99.	0.4	23
20	Maximal τ -orthogonal modules for selfinjective algebras. Proceedings of the American Mathematical Society, 2008, 136, 3069-3078.	0.4	23
21	Algebras and quaternion defect groups. I. Mathematische Annalen, 1988, 281, 545-560.	0.7	22
22	On Hochschild Cohomology of Preprojective Algebras, II. Journal of Algebra, 1998, 205, 413-434.	0.4	22
23	Symmetric Groups and Quasi-Hereditary Algebras. , 1994, , 123-161.		22
24	Representation type of q -Schur algebras. Transactions of the American Mathematical Society, 2001, 353, 4729-4756.	0.5	21
25	On Ringel duality for Schur algebras. Mathematical Proceedings of the Cambridge Philosophical Society, 2002, 132, 97-116.	0.3	21
26	Representation type of Schur algebras. Mathematische Zeitschrift, 1999, 232, 137-182.	0.4	20
27	Radical cube zero weakly symmetric algebras and support varieties. Journal of Pure and Applied Algebra, 2011, 215, 185-200.	0.3	19
28	Rank varieties for a class of finite-dimensional local algebras. Journal of Pure and Applied Algebra, 2007, 211, 497-510.	0.3	18
29	Weighted surface algebras. Journal of Algebra, 2018, 505, 490-558.	0.4	17
30	Modular Lie powers and the Solomon descent algebra. Mathematische Zeitschrift, 2006, 253, 295-313.	0.4	16
31	Periodic algebras. , 2008, , 201-251.		15
32	Algebras of generalized quaternion type. Advances in Mathematics, 2019, 349, 1036-1116.	0.5	13
33	On the Hochschild cohomology of tame Hecke algebras. Archiv Der Mathematik, 2010, 94, 117-127.	0.3	12
34	Periodicity of self-injective algebras of polynomial growth. Journal of Algebra, 2015, 443, 200-269.	0.4	12
35	From Brauer graph algebras to biserial weighted surface algebras. Journal of Algebraic Combinatorics, 2020, 51, 51-88.	0.4	9
36	Higher Tetrahedral Algebras. Algebras and Representation Theory, 2019, 22, 387-406.	0.4	8

#	ARTICLE	IF	CITATIONS
37	On the number of simple modules of certain tame blocks and algebras. Archiv Der Mathematik, 1988, 51, 34-38.	0.3	7
38	Quiver and Relations for the Principal p -Block of $\Gamma f_2 p$. Journal of the London Mathematical Society, 1994, 49, 442-462.	0.5	7
39	Rank varieties and projectivity for a class of local algebras. Mathematische Zeitschrift, 2004, 247, 441.	0.4	7
40	STRATIFYING SYSTEMS, FILTRATION MULTIPLICITIES AND SYMMETRIC GROUPS. Journal of Algebra and Its Applications, 2005, 04, 551-555.	0.3	7
41	Deformed preprojective algebras of generalized Dynkin type $\langle mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd">$	0.4	7
42	The representation dimension of Hecke algebras and symmetric groups. Advances in Mathematics, 2011, 228, 2503-2521.	0.5	7
43	On the structure and cohomology ring of connected Hopf algebras. Journal of Algebra, 2019, 527, 366-398.	0.4	7
44	ALGEBRAS OF GENERALIZED DIHEDRAL TYPE. Nagoya Mathematical Journal, 2020, 240, 181-236.	0.6	7
45	Weighted surface algebras: General version. Journal of Algebra, 2020, 544, 170-227.	0.4	7
46	Cohomology of Hecke algebras. Homology, Homotopy and Applications, 2010, 12, 353-370.	0.2	7
47	On the global and $\hat{\mathbb{Z}}$ -filtration dimensions of quasi-hereditary algebras. Journal of Pure and Applied Algebra, 2004, 194, 95-111.	0.3	6
48	Schur-Weyl duality for infinitesimal q -Schur algebras $\langle mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd">$	0.4	6
49	Algebra, 2008, 320, 1099-1114. The Avrunin-Scott theorem for quantum complete intersections. Journal of Algebra, 2009, 322, 479-488.	0.4	6
50	The stable Auslander-Reiten quiver of a quantum complete intersection. Bulletin of the London Mathematical Society, 2011, 43, 79-90.	0.4	6
51	Radical cube zero selfinjective algebras of finite complexity. Journal of Pure and Applied Algebra, 2011, 215, 1747-1768.	0.3	5
52	The Ringel dual of the Auslander-Dlab-Ringel algebra. Journal of Algebra, 2018, 504, 506-535.	0.4	4
53	Higher spherical algebras. Archiv Der Mathematik, 2020, 114, 25-39.	0.3	4
54	Corrigendum to "Weighted surface algebras: General version" [J. Algebra 544 (2020) 170-227]. Journal of Algebra, 2021, 569, 875-889.	0.4	4

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55	The periodicity conjecture for blocks of group algebras. Colloquium Mathematicum, 2015, 138, 283-294.	0.2	4
56	Tame symmetric local algebras. Lecture Notes in Mathematics, 1990, , 80-92.	0.1	3
57	On Young modules of general linear groups. Journal of Algebra, 2007, 310, 434-451.	0.4	3
58	Chebyshev polynomials on symmetric matrices. Linear Algebra and Its Applications, 2011, 434, 2475-2496.	0.4	3
59	Hochschild cohomology of Hecke algebras. Journal of Algebra, 2011, 336, 391-394.	0.4	3
60	The Complexity of the Lie Module. Proceedings of the Edinburgh Mathematical Society, 2014, 57, 393-404.	0.2	3
61	Crossed Products as Twisted Category Algebras. Algebras and Representation Theory, 2015, 18, 281-296.	0.4	3
62	The Avrunin and Scott theorem and a truncated polynomial algebra. Journal of Algebra, 2006, 299, 344-373.	0.4	2
63	The non-projective part of the Lie module for the symmetric group. Archiv Der Mathematik, 2011, 96, 513-518.	0.3	2
64	Specht modules in the Auslander-Reiten quiver. Journal of Algebra, 2014, 397, 343-364.	0.4	2
65	EXT-FINITE MODULES FOR WEAKLY SYMMETRIC ALGEBRAS WITH RADICAL CUBE ZERO. Journal of the Australian Mathematical Society, 2017, 102, 108-121.	0.3	2
66	Stable Green Ring of the Drinfeld Doubles of the Generalised Taft Algebras (Corrections and New) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	0.4	2
67	Socle equivalences of weighted surface algebras. Journal of Pure and Applied Algebra, 2022, 226, 106886.	0.3	2
68	Block components of the Lie module for the symmetric group. Algebra and Number Theory, 2012, 6, 781-795.	0.3	1
69	Vertices of Lie modules. Journal of Pure and Applied Algebra, 2015, 219, 4816-4839.	0.3	1
70	On Auslander-Reiten sequences for Borel-Schur algebras. Journal of Algebra and Its Applications, 2018, 17, 1850028.	0.3	1
71	Matrix factorizations for quantum complete intersections. Journal of Homotopy and Related Structures, 2019, 14, 863-880.	0.2	1
72	On the decomposition map for symmetric groups. Journal of Algebraic Combinatorics, 2008, 28, 219-229.	0.4	0

#	ARTICLE	IF	CITATIONS
73	Rhombus filtrations and Rauzy algebras. Bulletin Des Sciences Mathematiques, 2009, 133, 56-81.	0.5	0
74	A characterisation of blocks of finite type. Archiv Der Mathematik, 2014, 102, 313-317.	0.3	0
75	Representation Type of Borel-Schur Algebras. Algebras and Representation Theory, 2020, , 1.	0.4	0
76	On q -parabolic Hecke algebras of symmetric groups. Beitrage Zur Algebra Und Geometrie, 2021, 62, 345-362.	0.3	0
77	Torsion Pairs and Ringel Duality for Schur Algebras. Algebras and Representation Theory, 0, , 1.	0.4	0
78	Cluster tilting modules for mesh algebras. Linear Algebra and Its Applications, 2021, 630, 112-157.	0.4	0
79	On Ext-quivers of blocks of weight two for symmetric groups. Journal of Pure and Applied Algebra, 2022, 226, 106817.	0.3	0