

Henning Krause

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,160
citations

236612

25
h-index

276539

41
g-index

107
all docs

107
docs citations

107
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	the stable derived category of a noetherian scheme. <i>Compositio Mathematica</i> , 2005, 141, 1128-1162.	0.5	256
2	Smashing subcategories and the telescope conjecture – an algebraic approach. <i>Inventiones Mathematicae</i> , 2000, 139, 99-133.	1.3	115
3	Krull–Schmidt categories and projective covers. , 2015, 33, 535-549.		112
4	Localization theory for triangulated categories. , 2010, , 161-235.		107
5	A Brown representability theorem via coherent functors. <i>Topology</i> , 2002, 41, 853-861.	0.4	90
6	The spectrum of a locally coherent category. <i>Journal of Pure and Applied Algebra</i> , 1997, 114, 259-271.	0.3	89
7	Stratifying modular representations of finite groups. <i>Annals of Mathematics</i> , 2011, 174, 1643-1684.	2.1	70
8	Exactly Definable Categories. <i>Journal of Algebra</i> , 1998, 201, 456-492.	0.4	69
9	Maps between tree and band modules. <i>Journal of Algebra</i> , 1991, 137, 186-194.	0.4	65
10	Local cohomology and support for triangulated categories. <i>Annales Scientifiques De L'Ecole Normale Supérieure</i> , 2008, 41, 575-621.	0.2	59
11	Koszul, Ringel and Serre duality for strict \hat{A} -polynomial \hat{A} -functors. <i>Compositio Mathematica</i> , 2013, 149, 996-1018.	0.5	52
12	APPLICATIONS OF COTORSION PAIRS. <i>Journal of the London Mathematical Society</i> , 2003, 68, 631-650.	0.5	51
13	Tilting and cotilting for quivers of type \tilde{A}_n . <i>Journal of Pure and Applied Algebra</i> , 2004, 190, 1-21.	0.3	48
14	Local duality for representations of finite group schemes. <i>Compositio Mathematica</i> , 2019, 155, 424-453.	0.5	46
15	Stratifying triangulated categories. <i>Journal of Topology</i> , 2011, 4, 641-666.	0.2	45
16	Colocalizing subcategories and cosupport. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2012, ,	0.4	44
17	Support varieties: an ideal approach. <i>Homology, Homotopy and Applications</i> , 2007, 9, 45-74.	0.2	39
18	A short proof for Auslander’s defect formula. <i>Linear Algebra and Its Applications</i> , 2003, 365, 267-270.	0.4	36

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19	Cohomological quotients and smashing localizations. American Journal of Mathematics, 2005, 127, 1191-1246.	0.5	34
20	The telescope conjecture for hereditary rings via Ext-orthogonal pairs. Advances in Mathematics, 2010, 225, 2341-2364.	0.5	31
21	Completing perfect complexes. Mathematische Zeitschrift, 2020, 296, 1387-1427.	0.4	30
22	Auslander-Reiten Theory via Brown Representability Dedicated to Professor Daniel Quillen on his Sixtieth Birthday. K-theory, 2000, 20, 331-344.	0.5	29
23	Coherent Functors and Covariantly Finite Subcategories. Algebras and Representation Theory, 2003, 6, 475-499.	0.4	29
24	Approximations and adjoints in homotopy categories. Mathematische Annalen, 2012, 353, 765-781.	0.7	28
25	Realizability of modules over Tate cohomology. Transactions of the American Mathematical Society, 2004, 356, 3621-3668.	0.5	28
26	Thick subcategories of modules over commutative noetherian rings (with an appendix by Srikanth B. Iyengar). Journal of Algebra, 2017, 507, 101-150.	0.7	27
27	Thick subcategories and virtually Gorenstein algebras. Illinois Journal of Mathematics, 2008, 52, .	0.1	27
28	Decomposing thick subcategories of the stable module category. Mathematische Annalen, 1999, 313, 95-108.	0.7	23
29	Dimensions of triangulated categories via Koszul objects. Mathematische Zeitschrift, 2010, 265, 849-864.	0.4	22
30	ON THE NOTION OF DERIVED TAMENESS. Journal of Algebra and Its Applications, 2002, 01, 133-157.	0.3	21
31	The Auslander-Reiten formula for complexes of modules. Advances in Mathematics, 2006, 207, 133-148.	0.5	21
32	Stratification for module categories of finite group schemes. Journal of the American Mathematical Society, 2018, 31, 265-302.	1.9	21
33	Cotilting modules over tame hereditary algebras. Pacific Journal of Mathematics, 2003, 211, 41-59.	0.2	21
34	Report on locally finite triangulated categories. Journal of K-Theory, 2012, 9, 421-458.	0.3	20
35	A categorification of non-crossing partitions. Journal of the European Mathematical Society, 2016, 18, 2273-2313.	0.7	20
36	Auslander-Reiten duality for Grothendieck abelian categories. Transactions of the American Mathematical Society, 2018, 371, 2455-2472.	0.5	18

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37	Complexes of injective kG -modules. Algebra and Number Theory, 2008, 2, 1-30.	0.3	16
38	Hereditary categories. , 2007, , 105-146.		15
39	AUSLANDERâ€™REITEN TRIANGLES AND A THEOREM OF ZIMMERMANN. Bulletin of the London Mathematical Society, 2005, 37, 361-372.	0.4	14
40	The Bousfield lattice of a triangulated category and stratification. Mathematische Zeitschrift, 2013, 273, 1215-1241.	0.4	13
41	Highest weight categories and recollements. Annales De L'Institut Fourier, 2017, 67, 2679-2701.	0.2	11
42	Representation type and stable equivalence of Morita type for finite dimensional algebras. Mathematische Zeitschrift, 1998, 229, 601-606.	0.4	10
43	Expansions of abelian categories. Journal of Pure and Applied Algebra, 2011, 215, 2873-2883.	0.3	10
44	Endofiniteness in stable homotopy theory. Transactions of the American Mathematical Society, 2000, 353, 157-173.	0.5	10
45	Module categories for group algebras over commutative rings. Journal of K-Theory, 2013, 11, 297-329.	0.3	9
46	A local-global principle for small triangulated categories. Mathematical Proceedings of the Cambridge Philosophical Society, 2015, 158, 451-476.	0.3	9
47	Morphisms determined by objects and flat covers. Forum Mathematicum, 2016, 28, 425-435.	0.3	9
48	On the centre of a triangulated category. Proceedings of the Edinburgh Mathematical Society, 2011, 54, 443-466.	0.2	8
49	A note on thick subcategories of stable derived categories. Nagoya Mathematical Journal, 2013, 212, 87-96.	0.6	8
50	The Krullâ€™Gabriel dimension of discrete derived categories. Bulletin Des Sciences Mathematiques, 2015, 139, 269-282.	0.5	8
51	Morphisms Determined by Objects in Triangulated Categories. Abel Symposia, 2013, , 195-207.	0.3	8
52	Pure injectives and the spectrum of the cohomology ring of a finite group. Journal Fur Die Reine Und Angewandte Mathematik, 2002, 2002, .	0.4	7
53	Tensor-triangular fields: ruminations. Selecta Mathematica, New Series, 2019, 25, 1.	0.4	7
54	Support varietiesâ€™an axiomatic approach. Mathematische Zeitschrift, 2020, 295, 395-426.	0.4	7

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55	The kernel of an irreducible map. Proceedings of the American Mathematical Society, 1994, 121, 57-57.	0.4	6
56	COHOMOLOGICAL LENGTH FUNCTIONS. Nagoya Mathematical Journal, 2016, 223, 136-161.	0.6	6
57	The frame of smashing tensor-ideals. Mathematical Proceedings of the Cambridge Philosophical Society, 2020, 168, 323-343.	0.3	6
58	On the Four Terms in the Middle Theorem for almost split sequences. Archiv Der Mathematik, 1994, 62, 501-505.	0.3	5
59	An Axiomatic Description of a Duality for Modules. Advances in Mathematics, 1997, 130, 280-286.	0.5	4
60	An axiomatic characterization of the Gabriel-Roiter measure. Bulletin of the London Mathematical Society, 2007, 39, 550-558.	0.4	4
61	LOCAL DUALITY FOR THE SINGULARITY CATEGORY OF A FINITE DIMENSIONAL GORENSTEIN ALGEBRA. Nagoya Mathematical Journal, 2021, , 1-24.	0.6	4
62	Detecting nilpotence and projectivity over finite unipotent supergroup schemes. Selecta Mathematica, New Series, 2021, 27, 1.	0.4	4
63	Endomorphisms of words in a quiver. Journal of Combinatorial Theory - Series A, 1993, 64, 216-245.	0.5	3
64	Finite Versus Infinite Dimensional Representations – A New Definition of Tameness. , 2000, , 393-403.		3
65	Brown representability and flat covers. Journal of Pure and Applied Algebra, 2001, 157, 81-86.	0.3	3
66	Colocalising subcategories of modules over finite group schemes. Annals of K-Theory, 2017, 2, 387-408.	0.4	3
67	On the Number of Almost Split Sequences with Indecomposable Middle Term. Bulletin of the London Mathematical Society, 1994, 26, 422-426.	0.4	2
68	Epimorphisms of additive categories up to direct factors. Journal of Pure and Applied Algebra, 2005, 203, 113-118.	0.3	2
69	Localising subcategories for cochains on the classifying space of a finite group. Comptes Rendus Mathematique, 2011, 349, 953-956.	0.1	2
70	Abelian Length Categories of Strongly Unbounded Type. International Mathematics Research Notices, 2014, 2014, 6684-6697.	0.5	2
71	Stratification and π_0 -cosupport: finite groups. Mathematische Zeitschrift, 2017, 287, 947-965.	0.4	2
72	Polynomial representations of $\mathrm{GL}(n)$ and Schur–Weyl duality. Beitrage Zur Algebra Und Geometrie, 2015, 56, 769-773.	0.3	1

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73	Crawley-Boevey wird Humboldt-Proffessor in Bielefeld. Mitteilungen Der Deutschen Mathematiker-Vereinigung, 2016, 24, .	0.0	1
74	Rank varieties and τ -points for elementary supergroup schemes. Transactions of the American Mathematical Society Series B, 2021, 8, 971-998.	0.6	1
75	Linear versus set valued Kronecker representations. Communications in Algebra, 2017, 45, 5103-5110.	0.3	0
76	Chase's lemma and its context. , 2021, , .		0
77	The variety of subadditive functions for finite group schemes. Fundamenta Mathematicae, 2017, 239, 289-296.	0.2	0
78	A note on thick subcategories of stable derived categories. Nagoya Mathematical Journal, 2013, 212, 87-96.	0.6	0
79	Tilting in Exact Categories. , 2021, , 207-227.		0
80	Abelian Categories. , 2021, , 14-71.		0
81	Derived Categories of Representations. , 2021, , 146-172.		0
82	Examples of Derived Equivalences. , 2021, , 329-338.		0
83	Derived Categories. , 2021, , 101-145.		0
84	Endofiniteness. , 2021, , 414-434.		0
85	Polynomial Representations. , 2021, , 228-294.		0
86	Standard Functors and Isomorphisms. , 2021, , xxxiii-xxxiv.		0
87	Krull's Gabriel Dimension. , 2021, , 435-456.		0
88	Triangulated Categories. , 2021, , 72-100.		0
89	Gorenstein Algebras, Approximations, Serre Duality. , 2021, , 175-206.		0
90	Locally Finitely Presented Categories. , 2021, , 341-376.		0

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91	Localisation. , 2021, , 3-13.		0
92	Purity. , 2021, , 377-413.		0
93	Derived Equivalences. , 2021, , 297-328.		0
94	Conventions and Notations. , 2021, , xv-xvi.		0