

Henning Krause

List of Publications by Year in descending order

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94
papers

2,160
citations

236612

25
h-index

276539

41
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107
all docs

107
docs citations

107
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	LOCAL DUALITY FOR THE SINGULARITY CATEGORY OF A FINITE DIMENSIONAL GORENSTEIN ALGEBRA. Nagoya Mathematical Journal, 2021, , 1-24.	0.6	4
2	Detecting nilpotence and projectivity over finite unipotent supergroup schemes. Selecta Mathematica, New Series, 2021, 27, 1.	0.4	4
3	Chase's lemma and its context. , 2021, , .		0
4	Tilting in Exact Categories. , 2021, , 207-227.		0
5	Abelian Categories. , 2021, , 14-71.		0
6	Derived Categories of Representations. , 2021, , 146-172.		0
7	Examples of Derived Equivalences. , 2021, , 329-338.		0
8	Derived Categories. , 2021, , 101-145.		0
9	Endofiniteness. , 2021, , 414-434.		0
10	Polynomial Representations. , 2021, , 228-294.		0
11	Standard Functors and Isomorphisms. , 2021, , xxxiii-xxxiv.		0
12	Krull's Gabriel Dimension. , 2021, , 435-456.		0
13	Triangulated Categories. , 2021, , 72-100.		0
14	Gorenstein Algebras, Approximations, Serre Duality. , 2021, , 175-206.		0
15	Locally Finitely Presented Categories. , 2021, , 341-376.		0
16	Localisation. , 2021, , 3-13.		0
17	Purity. , 2021, , 377-413.		0
18	Derived Equivalences. , 2021, , 297-328.		0

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19	Conventions and Notations. , 2021, , xv-xvi.		0
20	Rank varieties and \mathbb{A}^1 -points for elementary supergroup schemes. Transactions of the American Mathematical Society Series B, 2021, 8, 971-998.	0.6	1
21	The frame of smashing tensor-ideals. Mathematical Proceedings of the Cambridge Philosophical Society, 2020, 168, 323-343.	0.3	6
22	Support varieties – an axiomatic approach. Mathematische Zeitschrift, 2020, 295, 395-426.	0.4	7
23	Completing perfect complexes. Mathematische Zeitschrift, 2020, 296, 1387-1427.	0.4	30
24	Tensor-triangular fields: ruminations. Selecta Mathematica, New Series, 2019, 25, 1.	0.4	7
25	Local duality for representations of finite group schemes. Compositio Mathematica, 2019, 155, 424-453.	0.5	46
26	Stratification for module categories of finite group schemes. Journal of the American Mathematical Society, 2018, 31, 265-302.	1.9	21
27	Auslander-Reiten duality for Grothendieck abelian categories. Transactions of the American Mathematical Society, 2018, 371, 2455-2472.	0.5	18
28	Stratification and π_0 -cosupport: finite groups. Mathematische Zeitschrift, 2017, 287, 947-965.	0.4	2
29	Linear versus set valued Kronecker representations. Communications in Algebra, 2017, 45, 5103-5110.	0.3	0
30	Colocalising subcategories of modules over finite group schemes. Annals of K-Theory, 2017, 2, 387-408.	0.4	3
31	Highest weight categories and recollements. Annales De L'Institut Fourier, 2017, 67, 2679-2701.	0.2	11
32	The variety of subadditive functions for finite group schemes. Fundamenta Mathematicae, 2017, 239, 289-296.	0.2	0
33	A categorification of non-crossing partitions. Journal of the European Mathematical Society, 2016, 18, 2273-2313.	0.7	20
34	COHOMOLOGICAL LENGTH FUNCTIONS. Nagoya Mathematical Journal, 2016, 223, 136-161.	0.6	6
35	Crawley-Boevey wird Humboldt-Professor in Bielefeld. Mitteilungen Der Deutschen Mathematiker-Vereinigung, 2016, 24, .	0.0	1
36	Morphisms determined by objects and flat covers. Forum Mathematicum, 2016, 28, 425-435.	0.3	9

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37	Krullâ€™Schmidt categories and projective covers. , 2015, 33, 535-549.		112
38	The Krullâ€™Gabriel dimension of discrete derived categories. Bulletin Des Sciences Mathematiques, 2015, 139, 269-282.	0.5	8
39	Polynomial representations of $\mathrm{GL}(n)$ and Schurâ€™Weyl duality. Beitrage Zur Algebra Und Geometrie, 2015, 56, 769-773.	0.3	1
40	A local-global principle for small triangulated categories. Mathematical Proceedings of the Cambridge Philosophical Society, 2015, 158, 451-476.	0.3	9
41	Abelian Length Categories of Strongly Unbounded Type. International Mathematics Research Notices, 2014, 2014, 6684-6697.	0.5	2
42	The Bousfield lattice of a triangulated category and stratification. Mathematische Zeitschrift, 2013, 273, 1215-1241.	0.4	13
43	Module categories for group algebras over commutative rings. Journal of K-Theory, 2013, 11, 297-329.	0.3	9
44	Koszul, Ringel and Serre duality for strictâ€™polynomialâ€™functors. Compositio Mathematica, 2013, 149, 996-1018.	0.5	52
45	A note on thick subcategories of stable derived categories. Nagoya Mathematical Journal, 2013, 212, 87-96.	0.6	8
46	Morphisms Determined by Objects in Triangulated Categories. Abel Symposia, 2013, , 195-207.	0.3	8
47	A note on thick subcategories of stable derived categories. Nagoya Mathematical Journal, 2013, 212, 87-96.	0.6	0
48	Colocalizing subcategories and cosupport. Journal Fur Die Reine Und Angewandte Mathematik, 2012, .	0.4	44
49	Report on locally finite triangulated categories. Journal of K-Theory, 2012, 9, 421-458.	0.3	20
50	Approximations and adjoints in homotopy categories. Mathematische Annalen, 2012, 353, 765-781.	0.7	28
51	Localising subcategories for cochains on the classifying space of a finite group. Comptes Rendus Mathematique, 2011, 349, 953-956.	0.1	2
52	Stratifying modular representations of finite groups. Annals of Mathematics, 2011, 174, 1643-1684.	2.1	70
53	Expansions of abelian categories. Journal of Pure and Applied Algebra, 2011, 215, 2873-2883.	0.3	10
54	On the centre of a triangulated category. Proceedings of the Edinburgh Mathematical Society, 2011, 54, 443-466.	0.2	8

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55	Stratifying triangulated categories. <i>Journal of Topology</i> , 2011, 4, 641-666.	0.2	45
56	Localization theory for triangulated categories. , 2010, , 161-235.		107
57	Dimensions of triangulated categories via Koszul objects. <i>Mathematische Zeitschrift</i> , 2010, 265, 849-864.	0.4	22
58	The telescope conjecture for hereditary rings via Ext-orthogonal pairs. <i>Advances in Mathematics</i> , 2010, 225, 2341-2364.	0.5	31
59	Thick subcategories of modules over commutative noetherian rings (with an appendix by Srikanth) <i>Tj ETQq1 1 0.784314 rgBT/Overlook</i>	0.7	27
60	Thick subcategories and virtually Gorenstein algebras. <i>Illinois Journal of Mathematics</i> , 2008, 52, .	0.1	27
61	Complexes of injective kG -modules. <i>Algebra and Number Theory</i> , 2008, 2, 1-30.	0.3	16
62	Local cohomology and support for triangulated categories. <i>Annales Scientifiques De L'Ecole Normale Superieure</i> , 2008, 41, 575-621.	0.2	59
63	An axiomatic characterization of the Gabriel-Roiter measure. <i>Bulletin of the London Mathematical Society</i> , 2007, 39, 550-558.	0.4	4
64	Hereditary categories. , 2007, , 105-146.		15
65	Support varieties: an ideal approach. <i>Homology, Homotopy and Applications</i> , 2007, 9, 45-74.	0.2	39
66	The Auslander-Reiten formula for complexes of modules. <i>Advances in Mathematics</i> , 2006, 207, 133-148.	0.5	21
67	the stable derived category of a noetherian scheme. <i>Compositio Mathematica</i> , 2005, 141, 1128-1162.	0.5	256
68	Epimorphisms of additive categories up to direct factors. <i>Journal of Pure and Applied Algebra</i> , 2005, 203, 113-118.	0.3	2
69	AUSLANDER-REITEN TRIANGLES AND A THEOREM OF ZIMMERMANN. <i>Bulletin of the London Mathematical Society</i> , 2005, 37, 361-372.	0.4	14
70	Cohomological quotients and smashing localizations. <i>American Journal of Mathematics</i> , 2005, 127, 1191-1246.	0.5	34
71	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
72	Realizability of modules over Tate cohomology. <i>Transactions of the American Mathematical Society</i> , 2004, 356, 3621-3668.	0.5	28

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73	Coherent Functors and Covariantly Finite Subcategories. <i>Algebras and Representation Theory</i> , 2003, 6, 475-499.	0.4	29
74	A short proof for Auslander's defect formula. <i>Linear Algebra and Its Applications</i> , 2003, 365, 267-270.	0.4	36
75	APPLICATIONS OF COTORSION PAIRS. <i>Journal of the London Mathematical Society</i> , 2003, 68, 631-650.	0.5	51
76	Cotilting modules over tame hereditary algebras. <i>Pacific Journal of Mathematics</i> , 2003, 211, 41-59.	0.2	21
77	Pure injectives and the spectrum of the cohomology ring of a finite group. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2002, 2002, .	0.4	7
78	ON THE NOTION OF DERIVED TAMENESS. <i>Journal of Algebra and Its Applications</i> , 2002, 01, 133-157.	0.3	21
79	A Brown representability theorem via coherent functors. <i>Topology</i> , 2002, 41, 853-861.	0.4	90
80	Brown representability and flat covers. <i>Journal of Pure and Applied Algebra</i> , 2001, 157, 81-86.	0.3	3
81	Auslander's Reiten Theory via Brown Representability Dedicated to Professor Daniel Quillen on his Sixtieth Birthday. <i>K-theory</i> , 2000, 20, 331-344.	0.5	29
82	Smashing subcategories and the telescope conjecture – an algebraic approach. <i>Inventiones Mathematicae</i> , 2000, 139, 99-133.	1.3	115
83	Finite Versus Infinite Dimensional Representations – A New Definition of Tameness. , 2000, , 393-403.		3
84	Endofiniteness in stable homotopy theory. <i>Transactions of the American Mathematical Society</i> , 2000, 353, 157-173.	0.5	10
85	Decomposing thick subcategories of the stable module category. <i>Mathematische Annalen</i> , 1999, 313, 95-108.	0.7	23
86	Exactly Definable Categories. <i>Journal of Algebra</i> , 1998, 201, 456-492.	0.4	69
87	Representation type and stable equivalence of Morita type for finite dimensional algebras. <i>Mathematische Zeitschrift</i> , 1998, 229, 601-606.	0.4	10
88	The spectrum of a locally coherent category. <i>Journal of Pure and Applied Algebra</i> , 1997, 114, 259-271.	0.3	89
89	An Axiomatic Description of a Duality for Modules. <i>Advances in Mathematics</i> , 1997, 130, 280-286.	0.5	4
90	The kernel of an irreducible map. <i>Proceedings of the American Mathematical Society</i> , 1994, 121, 57-57.	0.4	6

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91	On the Number of Almost Split Sequences with Indecomposable Middle Term. Bulletin of the London Mathematical Society, 1994, 26, 422-426.	0.4	2
92	On the Four Terms in the Middle Theorem for almost split sequences. Archiv Der Mathematik, 1994, 62, 501-505.	0.3	5
93	Endomorphisms of words in a quiver. Journal of Combinatorial Theory - Series A, 1993, 64, 216-245.	0.5	3
94	Maps between tree and band modules. Journal of Algebra, 1991, 137, 186-194.	0.4	65