Jan Trlifaj

List of Publications by Year
in descending order

69 papers	1,608 citations	394421 19 h-index	330143 37 g-index
77 all docs	77 docs citations	77 times ranked	134 citing authors

#	Article	IF	Citations
1	How To Make Ext Vanish. Bulletin of the London Mathematical Society, 2001, 33, 41-51.	0.8	192
2	Tilting Modules and Tilting Torsion Theories. Journal of Algebra, 1995, 178, 614-634.	0.7	138
3	Tilting Preenvelopes and Cotilting Precovers. Algebras and Representation Theory, 2001, 4, 155-170.	0.7	66
4	Whitehead test modules. Transactions of the American Mathematical Society, 1996, 348, 1521-1554.	0.9	63
5	Covers Induced by Ext. Journal of Algebra, 2000, 231, 640-651.	0.7	55
6	Cotilting and a Hierarchy of Almost Cotorsion Groups. Journal of Algebra, 2000, 224, 110-122.	0.7	51
7	Partial cotilting modules and the lattices induced by them. Communications in Algebra, 1997, 25, 3225-3237.	0.6	39
8	Tilting theory and the finitistic dimension conjectures. Transactions of the American Mathematical Society, 2002, 354, 4345-4358.	0.9	38
9	Dually slender modules and steady rings. Forum Mathematicum, 1997, 9, .	0.7	35
10	Tilting Cotorsion Pairs. Bulletin of the London Mathematical Society, 2005, 37, 683-696.	0.8	32
11	Tilting, cotilting, and spectra of commutative noetherian rings. Transactions of the American Mathematical Society, 2014, 366, 3487-3517.	0.9	32
12	Every $\aleph$—-Module Is Finitely Generated. Journal of Algebra, 1994, 169, 392-398.	0.7	30
13	Almost free modules and Mittag-Leffler conditions. Advances in Mathematics, 2012, 229, 3436-3467.	1.1	30
14	Tilting modules and Gorenstein rings. Forum Mathematicum, 2006, 18, .	0.7	28
15	Divisible modules and localization. Journal of Algebra, 2005, 294, 519-551.	0.7	27
16	Model category structures arising from Drinfeld vector bundles. Advances in Mathematics, 2012, 231, 1417-1438.	1.1	22
17	Large indecomposable roots of Ext. Journal of Pure and Applied Algebra, 2001, 157, 241-246.	0.6	21
18	Classes of generalized $\aleph$—-modules. Communications in Algebra, 1994, 22, 3985-3995.	0.6	19

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19	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mo>âŠ¥</mml:mo></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>` as an abstract elementary class. Annals of Pure and Applied Logic, 2007, 149, 25-39.	0.5	18
20	On the telescope conjecture for module categories. Journal of Pure and Applied Algebra, 2008, 212, 297-310.	0.6	18
21	Infinite dimensional tilting modules and cotorsion pairs. , 2007, , 279-322.		18
22	Completeness of cotorsion pairs. Forum Mathematicum, 2007, 19, .	0.7	16
23	Tilting classes over wild hereditary algebras. Journal of Algebra, 2005, 290, 538-556.	0.7	15
24	Perpendicular categories of infinite dimensional partial tilting modules and transfers of tilting torsion classes. Journal of Pure and Applied Algebra, 2007, 211, 223-234.	0.6	15
25	Approximations and the Little Finitistic Dimension of Artinian Rings. Journal of Algebra, 2001, 246, 343-355.	0.7	12
26	All tilting modules are of countable type. Bulletin of the London Mathematical Society, 2007, 39, 121-132.	0.8	11
27	Generalized Hill Lemma, Kaplansky Theorem for Cotorsion Pairs And Some Applications. Rocky Mountain Journal of Mathematics, 2009, 39, .	0.4	11
28	Dimension Estimates for Representable Equivalences of Module Categories. Journal of Algebra, 1997, 193, 660-676.	0.7	10
29	Tilting for regular rings of Krull dimension two. Journal of Algebra, 2011, 336, 184-199.	0.7	10
30	Steady Rings May Contain Large Sets of Orthogonal Idempotents. , 1995, , 467-473.		10
31	Ext and inverse limits. Illinois Journal of Mathematics, 2003, 47, .	0.1	10
32	Tilting modules over small Dedekind domains. Journal of Pure and Applied Algebra, 2002, 172, 109-117.	0.6	9
33	Baer and Mittag-Leffler modules over tame hereditary algebras. Mathematische Zeitschrift, 2010, 265, 1-19.	0.9	9
34	Approximations and Mittag-Leffler conditions the applications. Israel Journal of Mathematics, 2018, 226, 757-780.	0.8	9
35	On the cogeneration of cotorsion pairs. Journal of Algebra, 2004, 277, 572-578.	0.7	8
36	Large tilting modules and representation type. Manuscripta Mathematica, 2010, 132, 483-499.	0.6	8

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37	Tilting via torsion pairs and almost hereditary noetherian rings. Journal of Pure and Applied Algebra, 2011, 215, 2072-2085.	0.6	8
38	Cotilting modules over commutative Noetherian rings. Journal of Pure and Applied Algebra, 2014, 218, 1696-1711.	0.6	8
39	Almost *-modules need not be finitely generated. Communications in Algebra, 1993, 21, 2453-2462.	0.6	7
40	Approximations and locally free modules. Bulletin of the London Mathematical Society, 2014, 46, 76-90.	0.8	6
41	Constructing tilting modules. Transactions of the American Mathematical Society, 2007, 360, 1907-1926.	0.9	5
42	Filtrations for the Roots of Ext. Milan Journal of Mathematics, 2007, 75, 61-90.	1.1	5
43	Descent of restricted flat Mittag–Leffler modules and generalized vector bundles. Proceedings of the American Mathematical Society, 2014, 142, 2973-2981.	0.8	5
44	Very flat, locally very flat, and contraadjusted modules. Journal of Pure and Applied Algebra, 2016, 220, 3910-3926.	0.6	5
45	Rings derived from group rings. Communications in Algebra, 1992, 20, 2239-2252.	0.6	4
46	Spectra of the Γ-invariant of uniform modules. Journal of Pure and Applied Algebra, 2001, 162, 367-379.	0.6	4
47	Kaplansky classes, finite character and ℵ1-projectivity. Forum Mathematicum, 2012, 24, .	0.7	4
48	Colocalization and cotilting for commutative noetherian rings. Journal of Algebra, 2014, 408, 28-41.	0.7	4
49	Faith's problem on R-projectivity is undecidable. Proceedings of the American Mathematical Society, 2018, 147, 497-504.	0.8	4
50	Test sets for factorization properties of modules. Rendiconti Del Seminario Matematico Dell 'Universita' Di Padova/Mathematical Journal of the University of Padova, 0, 144, 217-238.	0.5	4
51	Gamma invariants for dense lattices. Algebra Universalis, 1999, 40, 427-445.	0.3	3
52	Abstract elementary classes induced by tilting and cotilting modules have finite character. Proceedings of the American Mathematical Society, 2008, 137, 1127-1133.	0.8	3
53	Criteria of Steadiness. , 2019, , 359-372.		3
54	The Dual Baer Criterion for non-perfect rings. Forum Mathematicum, 2020, 32, 663-672.	0.7	3

#	Article	IF	Citations
55	Rank functions on rings derived from group rings. Communications in Algebra, 1993, 21, 2049-2057.	0.6	2
56	Strong Incompactness for Some Non-Perfect Rings. Proceedings of the American Mathematical Society, 1995, 123, 21.	0.8	2
57	COTILTING CLASSES OF TORSION-FREE MODULES. Journal of Algebra and Its Applications, 2006, 05, 747-763.	0.4	2
58	Uniform modules, Ð"-invariants, and Ziegler spectra of regular rings. , 1999, , 327-340.		2
59	Strong incompactness for some nonperfect rings. Proceedings of the American Mathematical Society, 1995, 123, 21-21.	0.8	1
60	Modules determined by their annihilator classes. Journal of the London Mathematical Society, 2010, 81, 225-240.	1.0	1
61	Socle finiteness of the local cohomology. Rocky Mountain Journal of Mathematics, 2011, 41, .	0.4	1
62	Brown Representability Test Problems in Locally Grothendieck Categories. Applied Categorical Structures, 2012, 20, 97-102.	0.5	1
63	Generalized Injectivity and Approximations. Communications in Algebra, 2016, 44, 4047-4055.	0.6	1
64	Zariski locality of quasi-coherent sheaves associated with tilting. Indiana University Mathematics Journal, 2020, 69, 1733-1762.	0.9	1
65	Strong submodules of almost projective modules. Pacific Journal of Mathematics, 2011, 254, 73-87.	0.5	1
66	Closure properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:munder><mml:mi mathvariant="normal">lim</mml:mi><mml:mrow><mml:mo stretchy="false">âŸ¶</mml:mo></mml:mrow></mml:munder><mml:mo>â</mml:mo><mml:mi mathvariant="script">C</mml:mi></mml:math>. Journal of Algebra, 2022, 606, 30-103.	0.7	1
67	Local splitters for bounded cotorsion theories. Forum Mathematicum, 2002, 14, .	0.7	0
68	Recent Progress in Module Approximations. , 2017, , 191-209.		0
69	Weak diamond, weak projectivity, and transfinite extensions of simple artinian rings. Journal of Algebra, 2022, 601, 87-100.	0.7	0