William Heinzer

List of Publications by Year
in descending order

89	1,301	394421	434195
papers	citations	19	31
		h-index	g-index

90	90	90	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Noetherian intersections of regular local rings of dimension two. Journal of Algebra, 2020, 559, 320-345.	0.7	3
2	The tree of quadratic transforms of a regular local ring of dimension two. Journal of Algebra, 2020, 560, 383-415.	0.7	1
3	Ideal theory of infinite directed unions of local quadratic transforms. Journal of Algebra, 2017, 474, 213-239.	0.7	14
4	Asymptotic properties of infinite directed unions of local quadratic transforms. Journal of Algebra, 2017, 479, 216-243.	0.7	11
5	Directed unions of local quadratic transforms of a regular local ring. Journal of Algebra, 2017, 488, 315-348.	0.7	1
6	Directed Unions of Local Quadratic Transforms of Regular Local Rings and Pullbacks. , 2017, , 257-280.		4
7	Blowing up finitely supported complete ideals in a regular local ring. Journal of Algebra, 2016, 458, 364-386.	0.7	1
8	The Rees Valuations of Complete Ideals in a Regular Local Ring. Communications in Algebra, 2015, 43, 3249-3274.	0.6	4
9	Finitely supported âŽ-simple complete ideals in a regular local ring. Journal of Algebra, 2014, 401, 76-106.	0.7	7
10	Complete ideals and multiplicities in two-dimensional regular local rings. Journal of Algebra, 2013, 377, 250-268.	0.7	2
11	Integrally Closed Ideals and Rees Valuation. Communications in Algebra, 2012, 40, 3397-3413.	0.6	3
12	The Leading Ideal of a Complete Intersection of Height Two, Part III. Communications in Algebra, 2012, 40, 2523-2539.	0.6	0
13	Integrally closed ideals in regular local rings of dimension two. Journal of Pure and Applied Algebra, 2012, 216, 1-11.	0.6	6
14	The Cohenâ€"Macaulay and Gorenstein Properties of Rings Associated to Filtrations. Communications in Algebra, 2011, 39, 3547-3580.	0.6	3
15	The Goto numbers of parameter ideals. Journal of Algebra, 2009, 321, 152-166.	0.7	5
16	The Leading Ideal of a Complete Intersection of Height Two in a 2-Dimensional Regular Local Ring. Communications in Algebra, 2008, 36, 1901-1910.	0.6	3
17	The leading ideal of a complete intersection of height two, Part II. Journal of Algebra, 2007, 312, 709-732.	0.7	9
18	Commutative ideal theory without finiteness conditions: Completely irreducible ideals. Transactions of the American Mathematical Society, 2006, 358, 3113-3131.	0.9	19

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19	Generic fiber rings of mixed power series/polynomial rings. Journal of Algebra, 2006, 298, 248-272.	0.7	33
20	The leading ideal of a complete intersection of height two. Journal of Algebra, 2006, 298, 238-247.	0.7	9
21	The Gorenstein and complete intersection properties of associated graded rings. Journal of Pure and Applied Algebra, 2005, 201, 264-283.	0.6	14
22	Unique irredundant intersections of completely irreducible ideals. Journal of Algebra, 2005, 287, 432-448.	0.7	13
23	Commutative ideal theory without finiteness conditions: Primal ideals. Transactions of the American Mathematical Society, 2004, 357, 2771-2798.	0.9	27
24	Well-centered overrings of an integral domain. Journal of Algebra, 2004, 272, 435-455.	0.7	15
25	Catenary Local Rings with Geometrically Normal Formal Fibers. , 2004, , 497-510.		2
26	INVARIANTS OF IDEALS HAVING PRINCIPAL REDUCTIONS. Communications in Algebra, 2001, 29, 889-906.	0.6	6
27	Generalized Local Rings and Finite Generation of Powers of Ideals. , 2000, , 287-312.		2
28	Corrigendum to our paper â€œIntermediate rings between a local domain and its completionâ€. Illinois Journal of Mathematics, 2000, 44, .	0.1	1
29	Noetherian Domains Inside a Homomorphic Image of a Completion. Journal of Algebra, 1999, 215, 666-681.	0.7	41
30	Finite generation of powers of ideals. Proceedings of the American Mathematical Society, 1999, 127, 3141-3151.	0.8	12
31	Intermediate rings between a local domain and its completion. Illinois Journal of Mathematics, 1999, 43, .	0.1	3
32	On the embedding of a commutative ring in a local ring. Illinois Journal of Mathematics, 1999, 43, .	0.1	2
33	The residue fields of a zero-dimensional ring. Journal of Pure and Applied Algebra, 1998, 129, 67-85.	0.6	1
34	On the irreducible components of an ideal. Communications in Algebra, 1997, 25, 1609-1634.	0.6	3
35	Noetherian Rings between a Semilocal Domain and Its Completion. Journal of Algebra, 1997, 198, 627-655.	0.7	42
36	Idealwise algebraic independence for elements of the completion of a local domain. Illinois Journal of Mathematics, 1997, 41, .	0.1	5

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37	On the embedded primary components of ideals (II). Journal of Pure and Applied Algebra, 1995, 101, 139-156.	0.6	5
38	Ideal theory in two-dimensional regular local domains and birational extensions. Communications in Algebra, 1995, 23, 2863-2880.	0.6	1
39	Homomophic images of an infinite product of zero-dimensional rings. Communications in Algebra, 1995, 23, 1953-1965.	0.6	2
40	On the Embedded Primary Components of Ideals (IV). Transactions of the American Mathematical Society, 1995, 347, 701.	0.9	4
41	Imbeddability of a commutative ring in a finite-dimensional ring. Manuscripta Mathematica, 1994, 84, 401-414.	0.6	16
42	Projective Lines Over One-Dimensional Semilocal Domains and Spectra of Birational Extensions. , 1994, , 309-325.		4
43	Primary ideals with finitely generated radical in a commutative ring. Manuscripta Mathematica, 1993, 78, 201-221.	0.6	21
44	First coefficient domains and ideals of reduction number one. Communications in Algebra, 1993, 21, 3797-3827.	0.6	11
45	Formal fibers and birational extensions. Nagoya Mathematical Journal, 1993, 131, 1-38.	0.8	60
46	The Noetherian property in rings of integer-valued polynomials. Transactions of the American Mathematical Society, 1993, 338, 187-199.	0.9	10
47	Artinian subrings of a commutative ring. Transactions of the American Mathematical Society, 1993, 336, 295-310.	0.9	15
48	Zero-dimensionality in commutative rings. Proceedings of the American Mathematical Society, 1992, 115, 881-881.	0.8	15
49	The ratliff-rush ideals in a noetherian ring. Communications in Algebra, 1992, 20, 591-622.	0.6	56
50	The family of residue fields of a zero-dimensional commutative ring. Journal of Pure and Applied Algebra, 1992, 82, 131-153.	0.6	10
51	Products of commutative rings and zero-dimensionality. Transactions of the American Mathematical Society, 1992, 331, 663-680.	0.9	34
52	Extensions of valuations to the completion of a local domain. Journal of Pure and Applied Algebra, 1991, 71, 175-185.	0.6	49
53	Prime ideals in two-dimensional polynomial rings. Proceedings of the American Mathematical Society, 1989, 107, 577-577.	0.8	21
54	On the imbedding of a direct product into a zero-dimensional commutative ring. Proceedings of the American Mathematical Society, 1989, 106, 631-631.	0.8	9

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55	Exceptional Prime Divisors of Two-dimensional Local Domains. Mathematical Sciences Research Institute Publications, 1989, , 279-304.	0.3	1
56	On PIC(D[Î±]) For a Principal Ideal Domain D. Canadian Mathematical Bulletin, 1989, 32, 114-116.	0.5	1
57	JÃ³nsson extensions of one-dimensional semilocal domains. Journal of Algebra, 1988, 117, 179-197.	0.7	3
58	On JÃ³nsson algebras over a commutative ring. Journal of Pure and Applied Algebra, 1987, 49, 133-159.	0.6	13
59	Note on ideal-transforms, Rees rings, and Krull rings. Journal of Algebra, 1987, 110, 407-419.	0.7	4
60	JÃ³nsson$\aleph_0$-generated algebraic field extensions. Pacific Journal of Mathematics, 1987, 128, 81-116.	0.5	14
61	On the Cardinality of Subrings of a Commutative Ring. Canadian Mathematical Bulletin, 1986, 29, 102-108.	0.5	8
62	When is an N-ring Noetherian?. Journal of Pure and Applied Algebra, 1986, 39, 125-139.	0.6	10
63	A criterion for spots. Kyoto Journal of Mathematics, 1986, 26, .	0.3	44
64	Finitely generated intermediate rings. Journal of Pure and Applied Algebra, 1985, 37, 237-264.	0.6	14
65	Artinian modules and modules of which all proper submodules are finitely generated. Journal of Algebra, 1985, 95, 201-216.	0.7	18
66	Universally contracted ideals in commutative rings. Communications in Algebra, 1984, 12, 1265-1289.	0.6	6
67	N-rings and ACC on colon ideals. Journal of Pure and Applied Algebra, 1984, 32, 115-127.	0.6	17
68	Noetherian pairs and hereditarily Noetherian rings. Archiv Der Mathematik, 1983, 41, 131-138.	0.5	12
69	Commutative rings with acc on n-generated ideals. Journal of Algebra, 1983, 80, 261-278.	0.7	33
70	Ideals contracted from a Noetherian extension ring. Journal of Pure and Applied Algebra, 1982, 24, 123-144.	0.6	23
71	An Essential Integral Domain with a Non-Essential Localization. Canadian Journal of Mathematics, 1981, 33, 400-403.	0.6	15
72	The quotient field of an intersection of integral domains. Journal of Algebra, 1981, 70, 238-249.	0.7	8

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73	The Laskerian property in commutative rings. Journal of Algebra, 1981, 72, 101-114.	0.7	36
74	Some countability conditions on commutative ring extensions. Transactions of the American Mathematical Society, 1981, 264, 217-234.	0.9	9
75	The Laskerian property, power series rings and Noetherian spectra. Proceedings of the American Mathematical Society, 1980, 79, 13-16.	0.8	33
76	The Noetherian property for quotient rings of infinite polynomial rings. Proceedings of the American Mathematical Society, 1979, 76, 1-1.	0.8	13
77	On the divisors of monic polynomials over a commutative ring. Pacific Journal of Mathematics, 1978, 78, 121-131.	0.5	12
78	Title is missing!. Indiana University Mathematics Journal, 1977, 26, 791.	0.9	7
79	Hilbert integral domains with maximal ideals of preassigned height. Journal of Algebra, 1974, 29, 229-231.	0.7	6
80	Noetherian intersections of integral domains II. Lecture Notes in Mathematics, 1973, , 107-119.	0.2	11
81	On the Noetherian-like rings of E. G. Evans. Proceedings of the American Mathematical Society, 1972, 34, 73-73.	0.8	31
82	Defining Families for Integral Domains of Real Finite Character. Canadian Journal of Mathematics, 1972, 24, 1170-1177.	0.6	12
83	Noetherian intersections of integral domains. Transactions of the American Mathematical Society, 1972, 167, 291-308.	0.9	19
84	Locally noetherian commutative rings. Transactions of the American Mathematical Society, 1971, 158, 273-273.	0.9	67
85	Quotient overrings of integral domains. Mathematika, 1970, 17, 139-148.	0.5	28
86	Non finiteness in finite dimensional Krull domains. Journal of Algebra, 1970, 14, 333-340.	0.7	55
87	On Krull overrings of a Noetherian domain. Proceedings of the American Mathematical Society, 1969, 22, 217-222.	0.8	24
88	On Krull overrings of an affine ring. Pacific Journal of Mathematics, 1969, 29, 145-149.	0.5	3
89	Cardinality of generating sets for modules over a commutative ring.. Mathematica Scandinavica, 0, 52, 41.	0.2	14