David E Dobbs

List of Publications by Year
in descending order

133 papers	1,538 citations	361413 20 h-index	361022 35 g-index
136 all docs	136 docs citations	136 times ranked	110 citing authors

#	Article	IF	Citations
1	Pairs of Rings with the Same Prime Ideals. Canadian Journal of Mathematics, 1980, 32, 362-384.	0.6	145
2	Divided rings and going-down. Pacific Journal of Mathematics, 1976, 67, 353-363.	0.5	107
3	t-Linked overrings and prÃ¼fer v-multiplication domains. Communications in Algebra, 1989, 17, 2835-2852.	0.6	96
4	Maximality properties in numerical semigroups and applications to one-dimensional analytically irreducible local domains. Memoirs of the American Mathematical Society, 1997, 125, 0-0.	0.9	96
5	On Going Down For Simple Overrings II. Communications in Algebra, 1974, 1, 439-458.	0.6	72
6	Conducive integral domains. Journal of Algebra, 1984, 86, 494-510.	0.7	56
7	Universally catenarian integral domains. Advances in Mathematics, 1988, 72, 211-238.	1.1	55
8	Locally pseudo-valuation domains. Annali Di Matematica Pura Ed Applicata, 1983, 134, 147-168.	1.0	49
9	Characterizing the ring extensions that satisfy FIP or FCP. Journal of Algebra, 2012, 371, 391-429.	0.7	46
10	On going-down for simple overrings. III. Proceedings of the American Mathematical Society, 1976, 54, 35-35.	0.8	39
11	Lying-Over Pairs of Commutative Rings. Canadian Journal of Mathematics, 1981, 33, 454-475.	0.6	38
12	On Inc-Extensions and Polynomials with Unit Content. Canadian Mathematical Bulletin, 1980, 23, 37-42.	0.5	37
13	Coherent mori domains and the principal ideal theorem. Communications in Algebra, 1987, 15, 1119-1156.	0.6	37
14	On the FIP Property for Extensions of Commutative Rings. Communications in Algebra, 2005, 33, 3091-3119.	0.6	35
15	Every Commutative Ring Has a Minimal Ring Extension. Communications in Algebra, 2006, 34, 3875-3881.	0.6	32
16	On Chain Conditions in Integral Domains. Canadian Mathematical Bulletin, 1984, 27, 351-359.	0.5	30
17	On integral domains with no atoms. Communications in Algebra, 1999, 27, 5813-5831.	0.6	28
18	A classification of the minimal ring extensions of certain commutative rings. Journal of Algebra, 2007, 308, 800-821.	0.7	26

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19	On locally divided integral domains and CPI-overrings. International Journal of Mathematics and Mathematical Sciences, 1981, 4, 119-135.	0.7	21
20	Universally going-down homomorphisms of commutative rings. Journal of Algebra, 1984, 90, 410-429.	0.7	21
21	On seminormal overrings. Communications in Algebra, 1982, 10, 1421-1448.	0.6	20
22	A classification of the minimal ring extensions of an integral domain. Journal of Algebra, 2006, 305, 185-193.	0.7	19
23	Universally Incomparable Ring-Homomorphisms. Bulletin of the Australian Mathematical Society, 1984, 29, 289-302.	0.5	16
24	NORMAL PAIRS WITH ZERO-DIVISORS. Journal of Algebra and Its Applications, 2011, 10, 335-356.	0.4	16
25	Ascent and descent of going-down rings for integral extensions. Bulletin of the Australian Mathematical Society, 1976, 15, 253-264.	0.5	15
26	On t- Spec(R[[X]]). Canadian Mathematical Bulletin, 1995, 38, 187-195.	0.5	15
27	Seminormal rings generated by algebraic integers. Mathematika, 1987, 34, 141-154.	0.5	13
28	ON THE LENGTHS OF MAXIMAL CHAINS OF INTERMEDIATE FIELDS IN A FIELD EXTENSION. Communications in Algebra, 2001, 29, 4487-4507.	0.6	13
29	On going down for simple overrings. Proceedings of the American Mathematical Society, 1973, 39, 515-519.	0.8	12
30	Universally going-down integral domains. Archiv Der Mathematik, 1984, 42, 426-429.	0.5	12
31	ON MAXIMAL NON-ACCP SUBRINGS. Journal of Algebra and Its Applications, 2007, 06, 873-894.	0.4	12
32	Transfer Results for the FIP and FCP Properties of Ring Extensions. Communications in Algebra, 2015, 43, 1279-1316.	0.6	12
33	Two sufficient conditions for universal catenarity. Communications in Algebra, 1987, 15, 861-872.	0.6	11
34	Some finiteness and divisibility conditions on the proper overrings of an integral domain. Communications in Algebra, 1984, 12, 1689-1706.	0.6	10
35	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	10
36	On the Product of Ideals. Canadian Mathematical Bulletin, 1983, 26, 106-114.	0.5	10

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37	VALUATIVE DOMAINS. Journal of Algebra and Its Applications, 2010, 09, 43-72.	0.4	9
38	On the Strong (A)-Rings of Mahdou and Hassani. Mediterranean Journal of Mathematics, 2013, 10, 1995-1997.	0.8	9
39	Trivial extensions satisfying certain valuation-like properties. Communications in Algebra, 2019, 47, 2060-2077.	0.6	9
40	The Singly Generated Unital Rings with Only Finitely Many Unital Subrings. Communications in Algebra, 2008, 36, 2638-2653.	0.6	8
41	On the Commutative Rings with At Most Two Proper Subrings. International Journal of Mathematics and Mathematical Sciences, 2016, 2016, 1-13.	0.7	8
42	On the Criteria of D.D. Anderson for Invertible and Flat Ideals. Canadian Mathematical Bulletin, 1986, 29, 25-32.	0.5	7
43	Ahmes expansions of formal Laurent series and a class of nonarchimedean integral domains. Journal of Algebra, 1986, 103, 193-201.	0.7	6
44	Numerical semigroups whose fractions are of maximal embedding dimension. Semigroup Forum, 2011, 82, 412-422.	0.6	6
45	Certain towers of ramified minimal ring extensions of commutative rings. Communications in Algebra, 2018, 46, 3461-3495.	0.6	6
46	Integrally Closed Condensed Domains are BÃ©zout. Canadian Mathematical Bulletin, 1985, 28, 98-102.	0.5	5
47	On n-flat modules over a commutative ring. Bulletin of the Australian Mathematical Society, 1991, 43, 491-498.	0.5	5
48	On comparing two chains of numerical semigroups and detecting arf semigroups. Semigroup Forum, 2001, 63, 237-246.	0.6	5
49	Survival-Pairs of Commutative Rings Have the Lying-Over Property. Communications in Algebra, 2003, 31, 259-270.	0.6	5
50	A Sufficient Condition for a Minimal Ring Extension to Be an Overring. Communications in Algebra, 2007, 35, 773-779.	0.6	5
51	A CHARACTERIZATION OF THE COMMUTATIVE UNITAL RINGS WITH ONLY FINITELY MANY UNITAL SUBRINGS. Journal of Algebra and Its Applications, 2008, 07, 601-622.	0.4	5
52	Straight Rings. Communications in Algebra, 2009, 37, 757-793.	0.6	5
53	A GENERALIZATION OF PRÃœFER'S ASCENT RESULT TO NORMAL PAIRS OF COMPLEMENTED RINGS. Journal of Algebra and Its Applications, 2011, 10, 1351-1362.	0.4	5
54	When an Extension of Nagata Rings Has Only Finitely Many Intermediate Rings, Each of Those Is a Nagata Ring. International Journal of Mathematics and Mathematical Sciences, 2014, 2014, 1-13.	0.7	5

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55	On flat finitely generated ideals. Bulletin of the Australian Mathematical Society, 1980, 21, 131-135.	0.5	4
56	Going-down underrings. Bulletin of the Australian Mathematical Society, 1987, 36, 503-513.	0.5	4
57	Integrally closed factor domains. Bulletin of the Australian Mathematical Society, 1988, 37, 353-366.	0.5	4
58	Universally catenarian domains ofD+Mtype, II. International Journal of Mathematics and Mathematical Sciences, 1991, 14, 209-214.	0.7	4
59	PrÃ¼fer's ascent result via Inc. Communications in Algebra, 1995, 23, 5413-5417.	0.6	4
60	Locally henselian going-down domains. Communications in Algebra, 1996, 24, 1621-1635.	0.6	4
61	On the prime spectrum of commutative semigroup rings. Communications in Algebra, 1998, 26, 2559-2589.	0.6	4
62	Lifting trees of prime ideals to bezout extension domains. Communications in Algebra, 1999, 27, 6243-6252.	0.6	4
63	On the Prime Ideals in a Commutative Ring. Canadian Mathematical Bulletin, 2000, 43, 312-319.	0.5	4
64	Universal Lying-Over Rings. Communications in Algebra, 2008, 36, 2895-2904.	0.6	4
65	A Generalization of Divided Domains and Its Connection to Weak Baer Going-Down Rings. Communications in Algebra, 2009, 37, 3553-3572.	0.6	4
66	Finite maximal chains of commutative rings. Journal of Algebra and Its Applications, 2015, 14, 1450075.	0.4	4
67	Commutative rings and modules that are Nil*-coherent or special Nil*-coherent. Journal of Algebra and Its Applications, 2017, 16, 1750187.	0.4	4
68	Fragmented domains have infinite Krull dimension. Rendiconti Del Circolo Matematico Di Palermo, 2001, 50, 377-388.	1.3	3
69	Why the square root function is not linear. International Journal of Mathematical Education in Science and Technology, 2002, 33, 742-747.	1.4	3
70	Transfer of Krull Dimension, Lying-Over, and Going-Down to the Fixed Ring. Communications in Algebra, 2007, 35, 1227-1247.	0.6	3
71	GOING-DOWN AND SEMISTAR OPERATIONS. Journal of Algebra and Its Applications, 2009, 08, 83-104.	0.4	3
72	Extensions of Integral Domains with Infinite Chains of Intermediate Rings. Communications in Algebra, 2009, 37, 604-608.	0.6	3

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73	Commutative Rings with a Prescribed Number of Isomorphism Classes of Minimal Ring Extensions. , 2017, , 145-158.		3
74	Characterizing finite fields via minimal ring extensions. Communications in Algebra, 2019, 47, 4945-4957.	0.6	3
75	A minimal ring extension of a large finite local prime ring is probably ramified. Journal of Algebra and Its Applications, 2020, 19, 2050015.	0.4	3
76	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	3
77	A note on strong locally divided domains. Tsukuba Journal of Mathematics, 1991, 15, .	0.1	3
78	Weak Normalization of Power Series Rings. Canadian Mathematical Bulletin, 1995, 38, 429-433.	0.5	2
79	Commutative Algebras In Which Polynomials Have Infinitely Many Roots. Results in Mathematics, 1999, 36, 252-259.	0.8	2
80	Lifting chains of prime ideals to paravaluation rings. Rendiconti Del Circolo Matematico Di Palermo, 2000, 49, 319-324.	1.3	2
81	On chain morphisms of commutative rings. Rendiconti Del Circolo Matematico Di Palermo, 2004, 53, 71-84.	1.3	2
82	On a Field-Theoretic Invariant for Extensions of Commutative Rings. Communications in Algebra, 2004, 32, 1295-1305.	0.6	2
83	Almost Integrally Closed Domains. Communications in Algebra, 2004, 32, 3627-3639.	0.6	2
84	REFLECTION OF SOME QUASI-LOCAL DOMAINS. Journal of Algebra and Its Applications, 2006, 05, 201-213.	0.4	2
85	Pseudo-almost valuation domains are quasilocal going-down domains, but not conversely. Rendiconti Del Circolo Matematico Di Palermo, 2008, 57, 119-124.	1.3	2
86	FINITELY VALUATIVE DOMAINS. Journal of Algebra and Its Applications, 2012, 11, 1250112.	0.4	2
87	On bowtie rings, universal survival rings and universal lying-over rings. Rendiconti Del Circolo Matematico Di Palermo, 2012, 61, 123-131.	1.3	2
88	Strongly divided domains. Ricerche Di Matematica, 2016, 65, 127-154.	1.0	2
89	On the smoothness condition in Euler's theorem on homogeneous functions. International Journal of Mathematical Education in Science and Technology, 2018, 49, 1250-1259.	1.4	2
90	On the nature and number of isomorphism classes of the minimal ring extensions of a finite commutative ring. Communications in Algebra, 2020, 48, 3811-3833.	0.6	2

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91	CHARACTERIZATIONS OF THE INTEGRAL DOMAINS WHOSE OVERRINGS ARE GOING-DOWN DOMAINS. International Electronic Journal of Algebra, 2014, 16, 99-99.	1.1	2
92	On a New Class of Integral Domains with the Portable Property. , 2014, , 119-132.		2
93	Discovering the cosine law via calculus. International Journal of Mathematical Education in Science and Technology, 1986, 17, 623-658.	1.4	1
94	Nearly integral homomorphisms of commutative rings. Bulletin of the Australian Mathematical Society, 1989, 40, 1-12.	0.5	1
95	Commutative rings with homomorphic power functions. International Journal of Mathematics and Mathematical Sciences, 1992, 15, 91-102.	0.7	1
96	Seminormality of complete integral closures. Archiv Der Mathematik, 1992, 59, 417-419.	0.5	1
97	Limits along curves determine limits. International Journal of Mathematical Education in Science and Technology, 1997, 28, 303-315.	1.4	1
98	Integral domains with almost integral proper overrings. Archiv Der Mathematik, 2001, 76, 182-189.	0.5	1
99	Extensions of commutative rings in which trees of prime ideals contract to trees. Rendiconti Del Circolo Matematico Di Palermo, 2001, 50, 259-270.	1.3	1
100	Classroom note: Ahmes expansions of rational numbers of length two. International Journal of Mathematical Education in Science and Technology, 2003, 34, 742-751.	1.4	1
101	A field-theoretic invariant for domains. Rendiconti Del Circolo Matematico Di Palermo, 2005, 54, 396-408.	1.3	1
102	On almost-divided domains. Rendiconti Del Circolo Matematico Di Palermo, 2009, 58, 199-210.	1.3	1
103	Iteration, not induction. International Journal of Mathematical Education in Science and Technology, 2009, 40, 517-523.	1.4	1
104	Polynomial asymptotes. International Journal of Mathematical Education in Science and Technology, 2010, 41, 943-950.	1.4	1
105	Polynomial asymptotes of the second kind. International Journal of Mathematical Education in Science and Technology, 2011, 42, 276-282.	1.4	1
106	On rank and nullity. International Journal of Mathematical Education in Science and Technology, 2012, 43, 271-283.	1.4	1
107	On Finite Maximal Chains of Weak Baer Going-Down Rings. Communications in Algebra, 2012, 40, 1843-1855.	0.6	1
108	Using infinite series and complex numbers to derive formulas involving Laplace transforms. International Journal of Mathematical Education in Science and Technology, 2013, 44, 752-761.	1.4	1

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109	Catenarian Numbers. Communications in Algebra, 2014, 42, 2603-2623.	0.6	1
110	Why the nth-root function is not a rational function. International Journal of Mathematical Education in Science and Technology, 2017, 48, 1120-1132.	1.4	1
111	On sums and products of primitive elements. Communications in Algebra, 2017, 45, 357-370.	0.6	1
112	Strongly Divided Pairs of Integral Domains. Trends in Mathematics, 2019, , 63-92.	0.1	1
113	Normal pairs of noncommutative rings. Ricerche Di Matematica, 2020, 69, 95-109.	1.0	1
114	On almost valuation ring pairs. Journal of Algebra and Its Applications, 2021, 20, .	0.4	1
115	A trigonometryâ€based method for constructing square roots by straightâ€edge and compass. International Journal of Mathematical Education in Science and Technology, 1984, 15, 127-128.	1.4	0
116	On characterizations of the ordered field of real numbers. International Journal of Mathematical Education in Science and Technology, 2001, 32, 299-305.	1.4	0
117	A characterization of going-down-ring pairs of commutative rings. Rendiconti Del Circolo Matematico Di Palermo, 2003, 52, 281-284.	1.3	0
118	Classroom note: Recognizing exponential growth. International Journal of Mathematical Education in Science and Technology, 2004, 35, 153-158.	1.4	0
119	On the well-definedness of the order of an ordinary differential equation. International Journal of Mathematical Education in Science and Technology, 2006, 37, 358-362.	1.4	0
120	Two Examples in the Theory of Fixed Rings. Communications in Algebra, 2008, 36, 1097-1104.	0.6	0
121	On the finiteness of a field-theoretic invariant for commutative rings. Rendiconti Del Circolo Matematico Di Palermo, 2009, 58, 327-336.	1.3	0
122	On Quadratic Integral Polynomials with only Finitely Many Roots in any Commutative Finite-Dimensional Algebra. Results in Mathematics, 2010, 58, 233-239.	0.8	0
123	Generalizing a limit description of the natural logarithm. International Journal of Mathematical Education in Science and Technology, 2010, 41, 687-691.	1.4	0
124	Transfer of the GPIT Property in Pullbacks. International Journal of Mathematics and Mathematical Sciences, 2012, 2012, 1-6.	0.7	0
125	Prime Decompositions in Infinite Extensions of Global Fields. Communications in Algebra, 2012, 40, 1260-1267.	0.6	0
126	Detecting prime numbers via roots of polynomials. International Journal of Mathematical Education in Science and Technology, 2012, 43, 381-387.	1.4	0

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127	A note on complete rings of quotients and McCoy rings. Rendiconti Del Circolo Matematico Di Palermo, 2012, 61, 393-401.	1.3	0
128	On solving linear recurrences. International Journal of Mathematical Education in Science and Technology, 2013, 44, 310-315.	1.4	0
129	Using Cayley's theorem to find the order of a power in a group. International Journal of Mathematical Education in Science and Technology, 2013, 44, 417-423.	1.4	0
130	An elementary proof of a criterion for linear disjointness. International Journal of Mathematical Education in Science and Technology, 2013, 44, 614-617.	1.4	0
131	The rings with identity whose additive subgroups are one-sided ideals. International Journal of Mathematical Education in Science and Technology, 2017, 48, 774-781.	1.4	0
132	Subsets of fields whose nth-root functions are rational functions. International Journal of Mathematical Education in Science and Technology, 2018, 49, 948-958.	1.4	0
133	Certain towers of ramified minimal ring extensions of commutative rings, II. Journal of Algebra and Its Applications, 0, , .	0.4	0