David Handelman

List of Publications by Year
in descending order

50 papers	1,119 citations
471509 17 h-index	395702 33 g-index
52 all docs	52 docs citations
52 times ranked	299 citing authors

#	Article	IF	Citations
1	Nearly Approximate Transitivity (AT) for Circulant Matrices. Canadian Journal of Mathematics, 2019, 71, 381-415.	0.6	1
2	Good traces for not necessarily simple dimension groups. Pacific Journal of Mathematics, 2016, 281, 365-419.	0.5	0
3	Measures on Cantor sets: The good, the ugly, the bad. Transactions of the American Mathematical Society, 2014, 366, 6247-6311.	0.9	12
4	Limits of simple dimension groups and weakly initial objects. Indiana University Mathematics Journal, 2014, 63, 1567-1600.	0.9	2
5	On finite-dimensional representations of compact inverse semigroups. Semigroup Forum, 2013, 87, 497-508.	0.6	3
6	Simple archimedean dimension groups. Proceedings of the American Mathematical Society, 2013, 141, 3787-3792.	0.8	2
7	Real Dimension Groups. Canadian Mathematical Bulletin, 2013, 56, 551-563.	0.5	3
8	Arguments of zeros of highly log concave polynomials. Rocky Mountain Journal of Mathematics, 2013, 43, .	0.4	2
9	Realizing dimension groups, good measures, and Toeplitz factors. Illinois Journal of Mathematics, 2013, 57, .	0.1	2
10	IN PRAISE OF ORDER UNITS. Journal of Algebra and Its Applications, 2012, 11, 1250120.	0.4	0
11	Isomorphisms and non-isomorphisms of at actions. Journal D'Analyse Mathematique, 2009, 108, 293-396.	0.8	2
12	Karamata Renewed and Local Limit Results. Canadian Journal of Mathematics, 2006, 58, 1026-1094.	0.6	0
13	More Eventual Positivity for Analytic Functions. Canadian Journal of Mathematics, 2003, 55, 1019-1079.	0.6	2
14	Orbit equivalence, flow equivalence and ordered cohomology. Israel Journal of Mathematics, 1996, 95, 169-210.	0.8	46
15	Eventual positivity for analytic functions. Mathematische Annalen, 1996, 304, 315-338.	1.4	3
16	Space-time boundaries for random walks obtained from diffuse measures. Israel Journal of Mathematics, 1994, 86, 107-156.	0.8	2
17	Entropy versus orbit equivalence for minimal homeomorphisms. Pacific Journal of Mathematics, 1994, 164, 1-13.	0.5	23
18	REPRESENTATION RINGS AS INVARIANTS FOR COMPACT GROUPS AND LIMIT RATIO THEOREMS FOR THEM. International Journal of Mathematics, 1993, 04, 59-88.	0.5	20

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19	Algebraic shift equivalence and primitive matrices. Transactions of the American Mathematical Society, 1993, 336, 121-149.	0.9	43
20	The Spectra of Nonnegative Matrices Via Symbolic Dynamics. Annals of Mathematics, 1991, 133, 249.	4.2	132
21	Effectiveness of an affine invariant for indecomposable integral polytopes. Journal of Pure and Applied Algebra, 1990, 66, 165-184.	0.6	4
22	Representing polynomials by positive linear functions on compact convex polyhedra. Pacific Journal of Mathematics, 1988, 132, 35-62.	0.5	118
23	Eventually positive matrices with rational eigenvectors. Ergodic Theory and Dynamical Systems, 1987, 7, 193-196.	0.6	38
24	Closedness of index values for subfactors. Proceedings of the American Mathematical Society, 1987, 101, 277-282.	0.8	1
25	Extending traces on fixed point Câˆ— algebras under Xerox product type actions of compact Lie groups. Journal of Functional Analysis, 1987, 72, 44-57.	1.4	9
26	Deciding eventual positivity of polynomials. Ergodic Theory and Dynamical Systems, 1986, 6, 57-79.	0.6	20
27	Imitation product-type actions on UHF algebras. Journal of Algebra, 1986, 99, 1-21.	0.7	3
28	Integral body-building in R3. Journal of Geometry, 1986, 27, 140-152.	0.4	3
29	Positive polynomials and product type actions of compact groups. Memoirs of the American Mathematical Society, 1985, 54, 0-0.	0.9	29
30	Actions of compact groups on AF C^{ast}-algebras. Illinois Journal of Mathematics, 1985, 29, .	0.1	19
31	Title is missing!. Indiana University Mathematics Journal, 1984, 33, 479.	0.9	7
32	Ultrasimplicial dimension groups. Archiv Der Mathematik, 1983, 40, 109-115.	0.5	9
33	Rickart Câˆ— algebras, II. Advances in Mathematics, 1983, 48, 1-15.	1.1	14
34	Extensions for AF $Csp{ast}$ algebras and dimension groups. Transactions of the American Mathematical Society, 1982, 271, 537-537.	0.9	4
35	Extensions for AF C âˆ— Algebras and Dimension Groups. Transactions of the American Mathematical Society, 1982, 271, 537.	0.9	11
36	Dimension functions and traces on Câˆ—-algebras. Journal of Functional Analysis, 1982, 45, 297-340.	1.4	158

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37	Free rank n + 1 dense subgroups of Rn and their endomorphisms. Journal of Functional Analysis, 1982, 46, 1-27.	1.4	8
38	Rings with involution as partially ordered abelian groups. Rocky Mountain Journal of Mathematics, 1981, 11, .	0.4	23
39	Homomorphisms of C^{ast} algebras to finite AW^{ast} algebras.. Michigan Mathematical Journal, 1981, 28, .	0.4	20
40	Directed Abelian Groups, Countably Continuous Rings, and Rickart C* -Algebras. Journal of the London Mathematical Society, 1980, s2-21, 193-202.	1.0	24
41	Lower K-theory, regular rings and operator algebras â€" A survey. Lecture Notes in Mathematics, 1979, , 158-173.	0.2	2
42	K0 OF VON NEUMANN AND AF C* ALGEBRAS. Quarterly Journal of Mathematics, 1978, 29, 427-441.	0.8	19
43	Coordinatization applied to finite Baer * rings. Transactions of the American Mathematical Society, 1978, 235, 1-1.	0.9	17
44	Perspectivity and cancellation in regular rings. Journal of Algebra, 1977, 48, 1-16.	0.7	93
45	Prï¿½fer domains and Baer* rings. Archiv Der Mathematik, 1977, 29, 241-251.	0.5	11
46	Completions of Rank Rings. Canadian Mathematical Bulletin, 1977, 20, 199-205.	0.5	7
47	K1 of noncommutative von Neumann regular rings. Journal of Pure and Applied Algebra, 1976, 8, 105-118.	0.6	5
48	Simple regular rings with a unique rank function. Journal of Algebra, 1976, 42, 60-80.	0.7	9
49	Strongly prime rings. Transactions of the American Mathematical Society, 1975, 211, 209-223.	0.9	119
50	Matrices of positive polynomials. Electronic Journal of Linear Algebra, 0, 19, .	0.6	7