

# David Handelman

## List of Publications by Year in descending order

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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	Dimension functions and traces on $\widehat{C^*}$ -algebras. Journal of Functional Analysis, 1982, 45, 297-340.	1.4	158
2	The Spectra of Nonnegative Matrices Via Symbolic Dynamics. Annals of Mathematics, 1991, 133, 249.	4.2	132
3	Strongly prime rings. Transactions of the American Mathematical Society, 1975, 211, 209-223.	0.9	119
4	Representing polynomials by positive linear functions on compact convex polyhedra. Pacific Journal of Mathematics, 1988, 132, 35-62.	0.5	118
5	Perspectivity and cancellation in regular rings. Journal of Algebra, 1977, 48, 1-16.	0.7	93
6	Orbit equivalence, flow equivalence and ordered cohomology. Israel Journal of Mathematics, 1996, 95, 169-210.	0.8	46
7	Algebraic shift equivalence and primitive matrices. Transactions of the American Mathematical Society, 1993, 336, 121-149.	0.9	43
8	Eventually positive matrices with rational eigenvectors. Ergodic Theory and Dynamical Systems, 1987, 7, 193-196.	0.6	38
9	Positive polynomials and product type actions of compact groups. Memoirs of the American Mathematical Society, 1985, 54, 0-0.	0.9	29
10	Directed Abelian Groups, Countably Continuous Rings, and Rickart $C^*$ -Algebras. Journal of the London Mathematical Society, 1980, s2-21, 193-202.	1.0	24
11	Rings with involution as partially ordered abelian groups. Rocky Mountain Journal of Mathematics, 1981, 11, .	0.4	23
12	Entropy versus orbit equivalence for minimal homeomorphisms. Pacific Journal of Mathematics, 1994, 164, 1-13.	0.5	23
13	Deciding eventual positivity of polynomials. Ergodic Theory and Dynamical Systems, 1986, 6, 57-79.	0.6	20
14	REPRESENTATION RINGS AS INVARIANTS FOR COMPACT GROUPS AND LIMIT RATIO THEOREMS FOR THEM. International Journal of Mathematics, 1993, 04, 59-88.	0.5	20
15	Homomorphisms of $C^*$ algebras to finite $AW^*$ algebras.. Michigan Mathematical Journal, 1981, 28, .	0.4	20
16	KO OF VON NEUMANN AND AF $C^*$ ALGEBRAS. Quarterly Journal of Mathematics, 1978, 29, 427-441.	0.8	19
17	Actions of compact groups on AF $C^*$ -algebras. Illinois Journal of Mathematics, 1985, 29, .	0.1	19
18	Coordinatization applied to finite Baer $*$ rings. Transactions of the American Mathematical Society, 1978, 235, 1-1.	0.9	17

#	ARTICLE	IF	CITATIONS
19	Rickart $C^*$ -algebras, II. Advances in Mathematics, 1983, 48, 1-15.	1.1	14
20	Measures on Cantor sets: The good, the ugly, the bad. Transactions of the American Mathematical Society, 2014, 366, 6247-6311.	0.9	12
21	Prüfer domains and Baer* rings. Archiv Der Mathematik, 1977, 29, 241-251.	0.5	11
22	Extensions for AF $C^*$ -Algebras and Dimension Groups. Transactions of the American Mathematical Society, 1982, 271, 537.	0.9	11
23	Simple regular rings with a unique rank function. Journal of Algebra, 1976, 42, 60-80.	0.7	9
24	Ultrasimplicial dimension groups. Archiv Der Mathematik, 1983, 40, 109-115.	0.5	9
25	Extending traces on fixed point $C^*$ -algebras under Xerex product type actions of compact Lie groups. Journal of Functional Analysis, 1987, 72, 44-57.	1.4	9
26	Free rank $n + 1$ dense subgroups of $R_n$ and their endomorphisms. Journal of Functional Analysis, 1982, 46, 1-27.	1.4	8
27	Matrices of positive polynomials. Electronic Journal of Linear Algebra, 0, 19, .	0.6	7
28	Title is missing!. Indiana University Mathematics Journal, 1984, 33, 479.	0.9	7
29	Completions of Rank Rings. Canadian Mathematical Bulletin, 1977, 20, 199-205.	0.5	7
30	$K_1$ of noncommutative von Neumann regular rings. Journal of Pure and Applied Algebra, 1976, 8, 105-118.	0.6	5
31	Extensions for AF $C^*$ -algebras and dimension groups. Transactions of the American Mathematical Society, 1982, 271, 537-537.	0.9	4
32	Effectiveness of an affine invariant for indecomposable integral polytopes. Journal of Pure and Applied Algebra, 1990, 66, 165-184.	0.6	4
33	Imitation product-type actions on UHF algebras. Journal of Algebra, 1986, 99, 1-21.	0.7	3
34	Integral body-building in $R^3$ . Journal of Geometry, 1986, 27, 140-152.	0.4	3
35	Eventual positivity for analytic functions. Mathematische Annalen, 1996, 304, 315-338.	1.4	3
36	On finite-dimensional representations of compact inverse semigroups. Semigroup Forum, 2013, 87, 497-508.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Real Dimension Groups. Canadian Mathematical Bulletin, 2013, 56, 551-563.	0.5	3
38	Lower K-theory, regular rings and operator algebras " A survey. Lecture Notes in Mathematics, 1979, , 158-173.	0.2	2
39	Space-time boundaries for random walks obtained from diffuse measures. Israel Journal of Mathematics, 1994, 86, 107-156.	0.8	2
40	Isomorphisms and non-isomorphisms of at actions. Journal D'Analyse Mathematique, 2009, 108, 293-396.	0.8	2
41	Simple archimedean dimension groups. Proceedings of the American Mathematical Society, 2013, 141, 3787-3792.	0.8	2
42	Arguments of zeros of highly log concave polynomials. Rocky Mountain Journal of Mathematics, 2013, 43, .	0.4	2
43	Realizing dimension groups, good measures, and Toeplitz factors. Illinois Journal of Mathematics, 2013, 57, .	0.1	2
44	Limits of simple dimension groups and weakly initial objects. Indiana University Mathematics Journal, 2014, 63, 1567-1600.	0.9	2
45	More Eventual Positivity for Analytic Functions. Canadian Journal of Mathematics, 2003, 55, 1019-1079.	0.6	2
46	Closedness of index values for subfactors. Proceedings of the American Mathematical Society, 1987, 101, 277-282.	0.8	1
47	Nearly Approximate Transitivity (AT) for Circulant Matrices. Canadian Journal of Mathematics, 2019, 71, 381-415.	0.6	1
48	IN PRAISE OF ORDER UNITS. Journal of Algebra and Its Applications, 2012, 11, 1250120.	0.4	0
49	Good traces for not necessarily simple dimension groups. Pacific Journal of Mathematics, 2016, 281, 365-419.	0.5	0
50	Karamata Renewed and Local Limit Results. Canadian Journal of Mathematics, 2006, 58, 1026-1094.	0.6	0