

Ds Lubinsky

List of Publications by Year in descending order

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55
papers

582
citations

567281

15
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752698

20
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55
all docs

55
docs citations

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times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Canonical products and the weights $\exp(\hat{\alpha} x ^\pm)$, $\hat{\alpha} > 1$, with applications. <i>Journal of Approximation Theory</i> , 1987, 49, 149-169.	0.8	31
2	Gaussian quadrature, weights on the whole real line and even entire functions with nonnegative even order derivatives. <i>Journal of Approximation Theory</i> , 1986, 46, 297-313.	0.8	28
3	Weights on the real line that admit good relative polynomial approximation, with applications. <i>Journal of Approximation Theory</i> , 1987, 49, 170-195.	0.8	27
4	Mean convergence of Lagrange interpolation for Freud's weights with application to product integration rules. <i>Journal of Computational and Applied Mathematics</i> , 1987, 17, 79-103.	2.0	27
5	The Weighted L_p -Norms of Orthonormal Polynomials for Freud Weights. <i>Journal of Approximation Theory</i> , 1994, 77, 42-50.	0.8	24
6	L_p Markov-Bernstein Inequalities for Freud Weights. <i>Journal of Approximation Theory</i> , 1994, 77, 229-248.	0.8	22
7	The Size of $(q; q)_n$ for q on the Unit Circle. <i>Journal of Number Theory</i> , 1999, 76, 217-247.	0.4	22
8	Diagonal Padé approximants and capacity. <i>Journal of Mathematical Analysis and Applications</i> , 1980, 78, 58-67.	1.0	21
9	Product integration of logarithmic singular integrands based on cubic splines. <i>Journal of Computational and Applied Mathematics</i> , 1984, 11, 353-366.	2.0	21
10	Convergence theorems for rows of differential and algebraic Hermite-Padé approximants. <i>Journal of Computational and Applied Mathematics</i> , 1987, 18, 29-52.	2.0	21
11	Estimates of Freud-Christoffel functions for some weights with the whole real line as support. <i>Journal of Approximation Theory</i> , 1985, 44, 343-379.	0.8	20
12	Universality limits for random matrices and de Branges spaces of entire functions. <i>Journal of Functional Analysis</i> , 2009, 256, 3688-3729.	1.4	19
13	Lázk Markov and Bernstein inequalities for Erdős weights. <i>Journal of Approximation Theory</i> , 1990, 60, 188-230.	0.8	16
14	Hermite and Hermite-Fejér interpolation and associated product integration rules on the real line: The Lázk theory. <i>Journal of Approximation Theory</i> , 1992, 70, 284-334.	0.8	16
15	On the Bernstein Constants of Polynomial Approximation. <i>Constructive Approximation</i> , 2007, 25, 303-366.	3.0	16
16	Best approximation and interpolation of $(1+(ax)^2)^{-1}$ and its transforms. <i>Journal of Approximation Theory</i> , 2003, 125, 106-115.	0.8	15
17	Smallest eigenvalues of Hankel matrices for exponential weights. <i>Journal of Mathematical Analysis and Applications</i> , 2004, 293, 476-495.	1.0	15
18	Jackson Theorems for Erdős Weights in $L_p(0 < p \leq 1)$. <i>Journal of Approximation Theory</i> , 1998, 94, 333-382.	0.8	14

#	ARTICLE	IF	CITATIONS
19	Orthogonal Polynomials and Christoffel Functions for $\exp(- x ^\alpha)$, $\alpha > 1$. Journal of Approximation Theory, 1995, 80, 219-252.	0.8	12
20	L_p Markov-Bernstein Inequalities on Arcs of the Circle. Journal of Approximation Theory, 2001, 108, 1-17.	0.8	11
21	STRONG ASYMPTOTICS FOR POLYNOMIALS BIORTHOGONAL TO POWERS OF LOG X. Analysis (Germany), 1994, 14, 341-380.	0.4	10
22	A direct approach to convergence of multivariate, nonhomogeneous, Padé approximants. Journal of Computational and Applied Mathematics, 1996, 69, 353-366.	2.0	10
23	The supremum norm of reciprocals of Christoffel functions for Erdős's weights. Journal of Approximation Theory, 1990, 63, 255-266.	0.8	9
24	Irregular distribution of $\{n^2\}$, $n=1,2,3,\dots$, quadrature of singular integrands, and curious basic hypergeometric series. Indagationes Mathematicae, 1991, 2, 469-481.	0.4	9
25	Full quadrature sums for p th powers of polynomials with Freud weights. Journal of Computational and Applied Mathematics, 1995, 60, 285-296.	2.0	9
26	Bounds for orthogonal polynomials for exponential weights. Journal of Computational and Applied Mathematics, 1998, 99, 475-490.	2.0	9
27	(C, λ) Means of Orthonormal Expansions for Exponential Weights. Journal of Approximation Theory, 2000, 103, 151-182.	0.8	9
28	L_p Markov-Bernstein inequalities for Erdős's weights. Journal of Approximation Theory, 1991, 65, 301-321.	0.8	8
29	Nuttall-Pommerenke theorems for homogeneous Padé approximants. Journal of Computational and Applied Mathematics, 1996, 67, 141-146.	2.0	8
30	Note on polynomial approximation of monomials and diophantine approximation. Journal of Approximation Theory, 1985, 43, 29-35.	0.8	7
31	Mean convergence of Lagrange interpolation for Erdős's weights. Journal of Computational and Applied Mathematics, 1993, 47, 369-390.	2.0	7
32	On the diagonal Padé approximants of meromorphic functions. Indagationes Mathematicae, 1996, 7, 97-110.	0.4	7
33	Some recent methods for establishing universality limits. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, e2750-e2765.	1.1	7
34	Asymptotic zero distribution of biorthogonal polynomials. Journal of Approximation Theory, 2015, 190, 26-49.	0.8	7
35	L_p Markov-Bernstein Inequalities on All Arcs of the Circle. Journal of Approximation Theory, 2002, 116, 343-368.	0.8	6
36	Condition numbers of Hankel matrices for exponential weights. Journal of Mathematical Analysis and Applications, 2006, 314, 266-285.	1.0	6

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37	On non-diagonal Pad $\tilde{\circ}$ approximants. Journal of Mathematical Analysis and Applications, 1980, 78, 405-428.	1.0	5
38	On convergence of rational and best rational approximations. Journal of Mathematical Analysis and Applications, 1984, 98, 419-434.	1.0	5
39	The weighted L _p -norms of orthonormal polynomials for Erdős weights. Computers and Mathematics With Applications, 1997, 33, 151-163.	2.7	5
40	L _p boundedness of (C,1) means of orthonormal expansions for general exponential weights. Journal of Computational and Applied Mathematics, 2002, 145, 387-405.	2.0	5
41	Weights whose biorthogonal polynomials admit a Rodrigues formula. Journal of Mathematical Analysis and Applications, 2006, 324, 805-819.	1.0	5
42	Orthogonal expansions and the error of weighted polynomial approximation for Erdős weights. Numerical Functional Analysis and Optimization, 1992, 13, 327-347.	1.4	4
43	On Mean Convergence of Lagrange Interpolation for General Arrays. Journal of Approximation Theory, 2000, 104, 220-225.	0.8	4
44	A Hilbert transform representation of the error in Lagrange interpolation. Journal of Approximation Theory, 2004, 129, 94-100.	0.8	4
45	A product quadrature algorithm by Hermite interpolation. Journal of Computational and Applied Mathematics, 1987, 17, 237-269.	2.0	3
46	On Weighted Mean Convergence of Lagrange Interpolation for General Arrays. Journal of Approximation Theory, 2002, 118, 153-162.	0.8	3
47	Convergence of exponential interpolation for completely bounded functions. Journal of Approximation Theory, 1983, 39, 185-201.	0.8	2
48	Convergence of simultaneous Hermite-Pad $\tilde{\circ}$ approximants to the n-tuple of q-hypergeometric series $\{2F_1((A, \hat{\pm}j), (1, 1); z)\}_{j=1}^n$. Journal of Computational and Applied Mathematics, 1993, 49, 37-43.	2.0	2
49	Mathematica evidence that Ramanujan kills Baker's "Gammel" Wills. Applied Mathematics and Computation, 2002, 128, 289-302.	2.2	2
50	Polynomials biorthogonal to dilations of measures, and their asymptotics. Journal of Mathematical Analysis and Applications, 2013, 397, 91-108.	1.0	2
51	Some biorthogonal polynomials arising in numerical analysis and approximation theory. Journal of Computational and Applied Mathematics, 2022, 403, 113842.	2.0	2
52	Best approximation over the whole complex plane. Journal of Approximation Theory, 1982, 36, 277-293.	0.8	1
53	On Boundedness of Lagrange Interpolation in L _p , p < 1. Journal of Approximation Theory, 1999, 96, 399-404.	0.8	1
54	Orthogonal polynomials for weights close to indeterminacy. Journal of Approximation Theory, 2007, 147, 129-168.	0.8	1

#	ARTICLE	IF	CITATIONS
55	Asymptotic behaviour of the ratio of Christoffel functions for weights W_2 and W_{2g} . Journal of Approximation Theory, 1988, 52, 293-314.	0.8	0