

Maxim Zinchenko

List of Publications by Year in descending order

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46
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#	ARTICLE	IF	CITATIONS
1	Asymptotics of Chebyshev polynomials, V. residual polynomials. Ramanujan Journal, 2023, 61, 251-278.	0.7	2
2	Norm estimates for Chebyshev polynomials, II. Journal of Mathematical Analysis and Applications, 2022, 512, 126131.	1.0	0
3	Eigenvectors from eigenvalues: the case of one-dimensional Schrödinger operators. Annals of Functional Analysis, 2021, 12, 1.	0.8	0
4	Remarks on periodic Jacobi matrices on trees. Journal of Mathematical Physics, 2021, 62, 042101.	1.1	2
5	Norm estimates for Chebyshev polynomials, I. Journal of Approximation Theory, 2021, 265, 105561.	0.8	5
6	Sharp lower bounds for the Widom factors on the real line. Journal of Mathematical Analysis and Applications, 2020, 484, 123729.	1.0	5
7	Asymptotics of Chebyshev Polynomials. IV. Comments on the Complex Case. Journal D'Analyse Mathématique, 2020, 141, 207-223.	0.8	4
8	On the Widom factors for L_p extremal polynomials. Journal of Approximation Theory, 2020, 259, 105480.	0.8	5
9	Asymptotics of Chebyshev Polynomials, III. Sets Saturating Szegő's, Schiefermayr, and Totik's "Widom Bounds. Operator Theory: Advances and Applications, 2020, , 231-246.	0.2	5
10	On uniqueness of higher order spectral shift functions. Studia Mathematica, 2020, 251, 207-218.	0.7	1
11	Erratum to "Non Self Adjoint Operators, Infinite Determinants, and Some Applications," Russ. J. Math. Phys. 12, 443-471 (2005). Russian Journal of Mathematical Physics, 2020, 27, 410-410.	1.5	1
12	Stability and uniqueness properties of Taylor approximations of matrix functions. Linear Algebra and Its Applications, 2019, 582, 218-236.	0.9	3
13	Asymptotics of Chebyshev polynomials, II: DCT subsets of \mathbb{R} . Duke Mathematical Journal, 2019, 168, .	1.5	13
14	Donoghue-type m -functions for Schrödinger operators with operator-valued potentials. Journal D'Analyse Mathématique, 2019, 137, 373-427.	0.8	4
15	Renormalized oscillation theory for Hamiltonian systems. Advances in Mathematics, 2017, 311, 569-597.	1.1	15
16	Lieb's Thirring Inequalities for Finite and Infinite Gap Jacobi Matrices. Annales Henri Poincare, 2017, 18, 1949-1976.	1.7	1
17	Lieb's Thirring inequalities for complex finite gap Jacobi matrices. Letters in Mathematical Physics, 2017, 107, 1769-1780.	1.1	2
18	Asymptotics of Chebyshev polynomials, I: subsets of \mathbb{R} . Inventiones Mathematicae, 2017, 208, 217-245.	2.5	25

#	ARTICLE	IF	CITATIONS
19	On a Perturbation Determinant for Accumulative Operators. <i>Integral Equations and Operator Theory</i> , 2015, 81, 301-317.	0.8	4
20	CMV Matrices with Super Exponentially Decaying Verblunsky Coefficients. <i>Mathematical Modelling of Natural Phenomena</i> , 2014, 9, 282-294.	2.4	0
21	Boundary data maps and Krein's resolvent formula for Sturm-Liouville operators on a finite interval. <i>Operators and Matrices</i> , 2014, , 1-71.	0.3	10
22	On spectral theory for Schrödinger operators with operator-valued potentials. <i>Journal of Differential Equations</i> , 2013, 255, 1784-1827.	2.2	14
23	On a class of model Hilbert spaces. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 33, 5067-5088.	0.9	2
24	Initial value problems and Weyl-Titchmarsh theory for Schrödinger operators with operator-valued potentials. <i>Operators and Matrices</i> , 2013, , 241-283.	0.3	18
25	Symmetrized perturbation determinants and applications to boundary data maps and Krein-type resolvent formulas. <i>Proceedings of the London Mathematical Society</i> , 2012, 104, 577-612.	1.3	12
26	Finite Gap Jacobi Matrices, III. Beyond the Szegő Class. <i>Constructive Approximation</i> , 2012, 35, 259-272.	3.0	6
27	Finite Gap Jacobi Matrices, II. The Szegő Class. <i>Constructive Approximation</i> , 2011, 33, 365-403.	3.0	17
28	Finite Gap Jacobi Matrices, I. The Isospectral Torus. <i>Constructive Approximation</i> , 2010, 32, 1-65.	3.0	23
29	On Dirichlet-to-Neumann Maps, Nonlocal Interactions, and Some Applications to Fredholm Determinants. <i>Few-Body Systems</i> , 2010, 47, 49-64.	1.5	0
30	The Hilbert transform of a measure. <i>Journal D'Analyse Mathématique</i> , 2010, 111, 247-265.	0.8	14
31	Trace formulas and a Borg-type theorem for CMV operators with matrix-valued coefficients. <i>Mathematische Nachrichten</i> , 2010, 283, 312-329.	0.8	1
32	The inverse resonance problem for CMV operators. <i>Inverse Problems</i> , 2010, 26, 055012.	2.0	4
33	Right Limits and Reflectionless Measures for CMV Matrices. <i>Communications in Mathematical Physics</i> , 2009, 292, 1-28.	2.2	6
34	Local spectral properties of reflectionless Jacobi, CMV, and Schrödinger operators. <i>Journal of Differential Equations</i> , 2009, 246, 78-107.	2.2	16
35	Finite gap Jacobi matrices: An announcement. <i>Journal of Computational and Applied Mathematics</i> , 2009, 233, 652-662.	2.0	5
36	Essential Closures and AC Spectra for Reflectionless CMV, Jacobi, and Schrödinger Operators Revisited. <i>Acta Applicandae Mathematicae</i> , 2008, 103, 315-339.	1.0	13

#	ARTICLE	IF	CITATIONS
37	On Dirichlet-to-Neumann Maps and Some Applications to Modified Fredholm Determinants. , 2008, , 191-215.		4
38	Variations on a theme of Jost and Pais. Journal of Functional Analysis, 2007, 253, 399-448.	1.4	44
39	Multi-dimensional versions of a determinant formula due to Jost and Pais. Reports on Mathematical Physics, 2007, 59, 365-377.	0.8	7
40	Weyl-Titchmarsh theory and Borg-Marchenko-type uniqueness results for CMV operators with matrix-valued Verblunsky coefficients. Operators and Matrices, 2007, , 535-592.	0.3	15
41	Weyl-Titchmarsh theory for CMV operators associated with orthogonal polynomials on the unit circle. Journal of Approximation Theory, 2006, 139, 172-213.	0.8	45
42	On spectral theory for Schrödinger operators with strongly singular potentials. Mathematische Nachrichten, 2006, 279, 1041-1082.	0.8	90
43	A BORG-TYPE THEOREM ASSOCIATED WITH ORTHOGONAL POLYNOMIALS ON THE UNIT CIRCLE. Journal of the London Mathematical Society, 2006, 74, 757-777.	1.0	19