Oktay Veliev

List of Publications by Year
in descending order

30	216	1163117 8	1058476 14
papers	citations	h-index	g-index

32	32	32	28
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Riesz basis property of the eigen- and associated functions of periodic and antiperiodic Sturm-Liouville problems. Mathematical Notes, 2009, 85, 647-660.	0.4	39
2	On the riesz basisness of the root functions of the nonself-adjoint sturm-liouville operator. Israel Journal of Mathematics, 2005, 145, 113-123.	0.8	37
3	On the nonself-adjoint ordinary differential operators with periodic boundary conditions. Israel Journal of Mathematics, 2010, 176, 195-207.	0.8	20
4	Non-self-adjoint sturm-liouville operators with matrix potentials. Mathematical Notes, 2007, 81, 440-448.	0.4	10
5	Isospectral Mathieuâ€“Hill Operators. Letters in Mathematical Physics, 2013, 103, 919-925.	1.1	10
6	On the spectral properties of the SchrÃ¶dinger operator with a periodic PT-symmetric potential. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750065.	2.0	10
7	On the spectral singularities and spectrality of the Hill operator. Operators and Matrices, 2016, , 57-71.	0.3	9
8	The spectrum of the Hamiltonian with a PT-symmetric periodic optical potential. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850008.	2.0	8
9	Essential spectral singularities and the spectral expansion for the Hill operator. Communications on Pure and Applied Analysis, 2017, 16, 2227-2251.	0.8	8
10	Asymptotic analysis of non-self-adjoint Hill operators. Open Mathematics, 2013, 11, .	1.0	7
11	Asymptotic formulas for Dirichlet boundary value problems. Studia Scientiarum Mathematicarum Hungarica, 2005, 42, 153-171.	0.1	6
12	Spectral expansion for a nonselfadjoint periodic differential operator. Russian Journal of Mathematical Physics, 2006, 13, 101-110.	1.5	6
13	On Hill's operator with a matrix potential. Mathematische Nachrichten, 2008, 281, 1341-1350.	0.8	6
14	Spectral analysis of the SchrÃ¶dinger operator with a PT-symmetric periodic optical potential. Journal of Mathematical Physics, 2020, 61, 063508.	1.1	6
15	On the Differential Operators with Periodic Matrix Coefficients. Abstract and Applied Analysis, 2009, 2009, 1-21.	0.7	5
16	On the Estimations of the Small Periodic Eigenvalues. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.7	5
17	Non-self-adjoint SchrÃ¶dinger Operator with a Periodic Potential. , 2021, , .		5
18	Spectral expansion series with parenthesis for the nonself-adjoint periodic differential operators. Communications on Pure and Applied Analysis, 2019, 18, 397-424.	0.8	5

#	Article	IF	Citations
19	On non-self-adjoint Sturm-Liouville operators in the space of vector functions. Mathematical Notes, 2014, 95, 180-190.	0.4	4
20	On the spectrality and spectral expansion of the non-self-adjoint mathieu-hill operator in $ L_{2}(-infty, infty) $. Communications on Pure and Applied Analysis, 2020, 19, 1537-1562.	0.8	4
21	Asymptotic and Numerical Methods in Estimating Eigenvalues. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	3
22	On sharp asymptotic formulas for the Sturmâ€“Liouville operator with a matrix potential. Mathematical Notes, 2016, 100, 291-297.	0.4	1
23	Asymptotically Spectral Periodic Differential Operators. Mathematical Notes, 2018, 104, 364-376.	0.4	1
24	Multidimensional Periodic SchrÃ¶dinger Operator. , 2019, , .		1
25	Spectral Theory for the SchrÃ¶dinger Operator with a Complex-Valued Periodic Potential. , 2021, , 15-131.		0
26	PT-Symmetric Periodic Optical Potential. , 2021, , 235-292.		0
27	On the SchrÃ¶dinger operator with a periodic PT-symmetric matrix potential. Journal of Mathematical Physics, 2021, 62, 103501.	1.1	0
28	On the Mathieu-SchrÃ¶dinger Operator. , 2021, , 187-233.		0
29	Preliminary Facts. , 2019, , 1-29.		0
30	From One-Dimensional to Multidimensional. , 2019, , 31-111.		0