Andrey V Sokolov

List of Publications by Year
in descending order

16 papers	**265** citations	1306789 **7** h-index	996533 **15** g-index
16 all docs	**16** docs citations	**16** times ranked	**93** citing authors

#	Article	IF	Citations
1	Extended supersymmetry and hidden symmetries in one-dimensional matrix quantum mechanics. Theoretical and Mathematical Physics(Russian Federation), 2016, 186, 2-20.	0.3	2
2	Spectral design for matrix Hamiltonians: different methods of constructing of a matrix intertwining operator. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 085202.	0.7	5
3	Minimal realizations of supersymmetry for matrix Hamiltonians. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 279-283.	0.9	6
4	Polynomial supersymmetry for matrix Hamiltonians. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 655-662.	0.9	7
5	Resolutions of Identity for Some Non-Hermitian Hamiltonians. I. Exceptional Point in Continuous Spectrum. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2011, , .	0.5	4
6	Resolutions of Identity for Some Non-Hermitian Hamiltonians. II. Proofs. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2011, , .	0.5	4
7	Factorization of nonlinear supersymmetry in one-dimensional quantum mechanics. III: precise classification of irreducible intertwining operators. Journal of Mathematical Sciences, 2010, 168, 881-900.	0.1	8
8	Spectral singularities for non-Hermitian one-dimensional Hamiltonians: Puzzles with resolution of identity. Journal of Mathematical Physics, 2010, 51, 052104.	0.5	26
9	Hidden Symmetry from Supersymmetry in One-Dimensional Quantum Mechanics. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2009, , .	0.5	3
10	Factorization of nonlinear supersymmetry in one-dimensional quantum mechanics. II: Proofs of theorems on reducibility. Journal of Mathematical Sciences, 2008, 151, 2924-2936.	0.1	7
11	Non-linear supersymmetry for non-Hermitian, non-diagonalizable Hamiltonians: II. Rigorous results. Nuclear Physics B, 2007, 773, 137-171.	0.9	15
12	Non-linear supersymmetry for non-Hermitian, non-diagonalizable Hamiltonians: I. General properties. Nuclear Physics B, 2007, 773, 107-136.	0.9	38
13	Factorization of nonlinear supersymmetry in one-dimensional quantum mechanics. I: General classification of reducibility and analysis of the third-order algebra. Journal of Mathematical Sciences, 2007, 143, 2707-2722.	0.1	15
14	Non-Hermitian quantum mechanics of non-diagonalizable Hamiltonians: puzzles with self-orthogonal states. Journal of Physics A, 2006, 39, 10207-10227.	1.6	42
15	Title is missing!. Journal of Mathematical Sciences, 2003, 117, 4020-4027.	0.1	0
16	Nonlinear supersymmetry in quantum mechanics: algebraic properties and differential representation. Nuclear Physics B, 2003, 660, 25-50.	0.9	83