

Alexander S Mikhaylov

List of Publications by Year in descending order

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35
papers

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1684188

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docs citations

35
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	Forward and Inverse Problems for a Finite Krein–Stieltjes String. Approximation of Constant Density by Point Masses. <i>Journal of Mathematical Sciences</i> , 2021, 252, 654-663.	0.4	0
2	Inverse problems for finite Jacobi matrices and Krein–Stieltjes strings. <i>Journal of Inverse and Ill-Posed Problems</i> , 2021, 29, 611-628.	1.0	0
3	Inverse problem for the Schrödinger equation with non-self-adjoint matrix potential. <i>Inverse Problems</i> , 2021, 37, 035002.	2.0	1
4	Hilbert spaces of functions associated with Jacobi matrices. , 2021, , .		0
5	On an application of the Boundary control method to classical moment problems.. <i>Journal of Physics: Conference Series</i> , 2021, 2092, 012002.	0.4	0
6	Inverse problem for dynamical system associated with Jacobi matrices and classical moment problems. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 487, 123970.	1.0	4
7	Finite Toda lattice and classical moment problem. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2020, 11, 25-29.	0.4	1
8	Solution of Toda lattices for semi-bounded initial data. , 2020, , .		0
9	On an Inverse Dynamic Problem for the Wave Equation with a Potential on a Real Line. <i>Journal of Mathematical Sciences</i> , 2019, 238, 701-714.	0.4	0
10	The One-Dimensional Inverse Problem in Photoacoustics. Numerical Testing. <i>Journal of Mathematical Sciences</i> , 2019, 243, 726-733.	0.4	0
11	On an inverse problem in photoacoustics. <i>Journal of Inverse and Ill-Posed Problems</i> , 2019, 27, 241-254.	1.0	1
12	Inverse dynamic problem for a Krein–Stieltjes string. <i>Applied Mathematics Letters</i> , 2019, 96, 195-201.	2.7	5
13	Forward and inverse dynamic problems for a Krein string. Approximation by point-mass densities. , 2019, , .		1
14	Dynamic inverse problem for Jacobi matrices. <i>Inverse Problems and Imaging</i> , 2019, 13, 431-447.	1.1	9
15	Inverse dynamic problem for the wave equation with periodic boundary conditions. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2019, 10, 115-123.	0.4	0
16	The boundary control method and de Branges spaces. Schrödinger equation, Dirac system and discrete Schrödinger operator. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 460, 927-953.	1.0	12
17	Inverse dynamic problem for canonical systems with smooth strictly positive Hamiltonians and de Branges spaces. , 2018, , .		1
18	Inverse dynamic and spectral problems for the one-dimensional Dirac system on a finite tree. <i>Journal of Inverse and Ill-Posed Problems</i> , 2018, 26, 673-680.	1.0	3

#	ARTICLE	IF	CITATIONS
19	On the relationship between Weyl functions of Jacobi matrices and response vectors for special dynamical systems with discrete time. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 6401-6408.	2.3	4
20	Inverse dynamic problems for canonical systems and de Branges spaces. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2018, 9, 215-224.	0.4	2
21	Relationship Between Different Types of Inverse Data for the One-Dimensional Schrödinger Operator on a Half-Line. <i>Journal of Mathematical Sciences</i> , 2017, 226, 779-794.	0.4	2
22	Quantum and acoustic scattering on \mathbb{R}^n and a representation of the scattering matrix. , 2017, , .		0
23	On global regular solutions to the mhd equations in a smooth toroidal domain. <i>Applications Mathematicae</i> , 2017, 44, 163-183.	0.1	0
24	Dynamical inverse problem for the discrete Schrödinger operator. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2016, , 842-853.	0.4	8
25	On recovery of inverse spectral data from inverse dynamical data by means of Boundary Control method. , 2015, , .		0
26	On some applications of the boundary control method to spectral estimation and inverse problems. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2015, , 63-78.	0.4	5
27	Equations of the Boundary Control method for the inverse source problem. <i>Journal of Mathematical Sciences</i> , 2013, 194, 67-71.	0.4	5
28	Estimates of deviations from the exact solution of the Stokes problem in the vorticity-velocity-pressure formulation. <i>Journal of Mathematical Sciences</i> , 2012, 185, 698-706.	0.4	1
29	On local regularity for suitable weak solutions of the Navier–Stokes equations near the boundary. <i>Journal of Mathematical Sciences</i> , 2011, 178, 282-291.	0.4	3
30	Local regularity for suitable weak solutions of Navier–Stokes equations near the boundary. <i>Journal of Mathematical Sciences</i> , 2010, 166, 40-52.	0.4	2
31	L^3 -solutions to the 3D-Navier-Stokes system in a domain with a curved boundary. <i>Journal of Mathematical Sciences</i> , 2007, 143, 2924-2935.	0.4	7
32	Dependence of Equilibrium States on Parameters of the Phase Transition Problem under Implicit Accounting of Energy of the Boundary of the Interface of the Phases. <i>Journal of Mathematical Sciences</i> , 2004, 122, 3265-3277.	0.4	0
33	Remark on Covering Theorem. <i>Journal of Mathematical Sciences</i> , 2002, 112, 4024-4028.	0.4	2
34	Title is missing!. <i>Journal of Mathematical Sciences</i> , 2001, 106, 2975-2988.	0.4	1
35	Phase transitions in multi-phase media. <i>Journal of Mathematical Sciences</i> , 2000, 102, 4436-4472.	0.4	4