

# Araz R Aliev

## List of Publications by Year in descending order

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papers

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1936888

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	On boundary value problem solvability theory for a class of high-order operator-differential equations. <i>Functional Analysis and Its Applications</i> , 2010, 44, 209-211.	0.1	8
2	On the Correct Solvability of the Boundary-Value Problem for One Class Operator-Differential Equations of the Fourth Order with Complex Characteristics. <i>Boundary Value Problems</i> , 2009, 2009, 1-20.	0.3	6
3	Justification of a quadrature method for an integral equation to the external Neumann problem for the Helmholtz equation. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 6921-6933.	1.2	6
4	Well-posedness of a boundary value problem for a class of third-order operator-differential equations. <i>Boundary Value Problems</i> , 2013, 2013, .	0.3	5
5	DTHMM ExaLB: discrete-time hidden Markov model for load balancing in distributed exascale computing environment. <i>Cogent Engineering</i> , 2020, 7, 1743404.	1.1	5
6	Solvability conditions for boundary-value problems for elliptic operator-differential equations with discontinuous coefficient. <i>Mathematical Notes</i> , 2012, 92, 722-726.	0.1	4
7	On the solvability in a weight space of a third-order operator-differential equation with multiple characteristic. <i>Doklady Mathematics</i> , 2012, 85, 233-235.	0.1	4
8	On the solvability in a weighted space of an initial-boundary value problem for a third-order operator-differential equation with a parabolic principal part. <i>Doklady Mathematics</i> , 2016, 93, 85-88.	0.1	4
9	Solvability of boundary-value problems for a class of third-order operator-differential equations in a weighted space. <i>Russian Mathematical Surveys</i> , 2005, 60, 791-793.	0.2	3
10	The resolvent equation of the one-dimensional Schrödinger operator on the whole axis. <i>Siberian Mathematical Journal</i> , 2012, 53, 957-964.	0.2	3
11	On the essential spectrum of electromagnetic Schrödinger operator with singular electric potential. <i>Complex Variables and Elliptic Equations</i> , 2014, 59, 18-27.	0.4	3
12	On Solvability of Third-Order Operator Differential Equation with Parabolic Principal Part in Weighted Space. <i>Journal of Function Spaces</i> , 2017, 2017, 1-8.	0.4	3
13	On the solvability of initial boundary-value problems for a class of operator-differential equations of third order. <i>Mathematical Notes</i> , 2011, 90, 307-321.	0.1	2
14	Essential self-adjointness of the Schrödinger operator in a magnetic field. <i>Theoretical and Mathematical Physics (Russian Federation)</i> , 2011, 166, 228-233.	0.3	2
15	On the Discreteness of the Spectrum of the magnetic Schrödinger operator. <i>Functional Analysis and Its Applications</i> , 2012, 46, 305-307.	0.1	2
16	On the well-posedness of a boundary value problem for a class of fourth-order operator-differential equations. <i>Differential Equations</i> , 2012, 48, 596-598.	0.1	2
17	On the Solvability of a Fourth-Order Operator-Differential Equation with Multiple Characteristic. <i>Ukrainian Mathematical Journal</i> , 2014, 66, 781-791.	0.1	2
18	A mathematical framework for managing interactive communication distortions in exascale organizations. <i>Cogent Business and Management</i> , 2018, 5, 1545356.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Solvability of a class of boundary value problems for second-order operator-differential equations with a discontinuous coefficient in a weighted space. <i>Differential Equations</i> , 2007, 43, 1459-1463.	0.1	1
20	On the boundary value problem for a class of operator-differential equations of odd order with variable coefficients. <i>Doklady Mathematics</i> , 2008, 78, 497-499.	0.1	1
21	On a Class of Operator-Differential Equations of the Third Order With Multiple Characteristics on the Whole Axis in the Weighted Space. <i>Mathematica Slovaca</i> , 2015, 65, 667-682.	0.3	1
22	Fourth order elliptic operator-differential equations with unbounded operator boundary conditions in the Sobolev-type spaces. <i>Boundary Value Problems</i> , 2015, 2015, .	0.3	1
23	Description of the Magnetic Field and Divergence of Multisolenoid Aharonov-Bohm Potential. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-8.	0.4	1
24	Solvability conditions of a boundary value problem with operator coefficients and related estimates of the norms of intermediate derivative operators. <i>Doklady Mathematics</i> , 2016, 94, 566-568.	0.1	1
25	Problem without Initial Conditions for a Class of Inverse Parabolic Operator-Differential Equations of Third Order. <i>Doklady Mathematics</i> , 2018, 97, 199-202.	0.1	1
26	Selection of the Optimal Class of Features for Recognition of the Azerbaijani Handprinted Characters. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 96-102.	0.5	1
27	Spectral analysis of a fourth-order differential pencil on the whole real line. <i>Doklady Mathematics</i> , 2012, 85, 57-59.	0.1	0
28	Finite-difference proof of the completeness of eigenfunctions of the Sturm-Liouville operator in conservative form. <i>Computational Mathematics and Mathematical Physics</i> , 2015, 55, 1-7.	0.2	0
29	On Wave Operators for the Multidimensional Electromagnetic Schrödinger Operator in the Divergent Form. <i>Ukrainian Mathematical Journal</i> , 2017, 68, 1153-1164.	0.1	0
30	Approximate Solution of the Boundary Value Problem for the Helmholtz Equation with Impedance Condition. <i>Doklady Mathematics</i> , 2019, 100, 436-439.	0.1	0
31	Radiation Conditions for the Magnetic Helmholtz Equation. <i>Mathematical Notes</i> , 2020, 108, 155-161.	0.1	0
32	EIGENFUNCTION EXPANSIONS OF THE MAGNETIC SCHRÖDINGER OPERATOR IN BOUNDED DOMAINS.. <i>Vestnik Tomskogo Gosudarstvennogo Universiteta, Matematika I Mekhanika</i> , 2021, , 5-14.	0.3	0
33	Trace Formula for a Sturm-Liouville Operator with a $\delta^{\prime}$ -Interaction Point. <i>Differential Equations</i> , 2021, 57, 563-569.	0.1	0
34	On estimation of the number of eigenvalues of the magnetic Schrödinger operator in a three-dimensional layer. <i>Turkish Journal of Mathematics</i> , 2021, 45, 2260-2268.	0.3	0
35	Analysis and Processing of Information in Economic Problems. <i>Crisp and Fuzzy Technologies. Advances in Intelligent Systems and Computing</i> , 2019, , 65-72.	0.5	0
36	About One Mathematical Model of Reliability and Safety of Complex Systems. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 712-719.	0.5	0

#	ARTICLE	IF	CITATIONS
37	About One Approach to the Description of Semi-structured Indicators on a Given Data Sample. Advances in Intelligent Systems and Computing, 2020, , 436-444.	0.5	0