

# Araz R Aliev

## List of Publications by Year in descending order

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37  
papers

74  
citations

1936888

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1872312

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docs citations

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times ranked

13  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | EIGENFUNCTION EXPANSIONS OF THE MAGNETIC SCHRÖDINGER OPERATOR IN BOUNDED DOMAINS.. Vestnik Tomskogo Gosudarstvennogo Universiteta, Matematika I Mekhanika, 2021, , 5-14.                            | 0.3 | 0         |
| 2  | Selection of the Optimal Class of Features for Recognition of the Azerbaijani Handprinted Characters. Advances in Intelligent Systems and Computing, 2021, , 96-102.                                | 0.5 | 1         |
| 3  | Trace Formula for a Sturm–Liouville Operator with a $\delta^{\prime}$ -Interaction Point. Differential Equations, 2021, 57, 563-569.  | 0.1 | 0         |
| 4  | On estimation of the number of eigenvalues of the magnetic Schrödinger operator in a three-dimensional layer. Turkish Journal of Mathematics, 2021, 45, 2260-2268.                                  | 0.3 | 0         |
| 5  | Radiation Conditions for the Magnetic Helmholtz Equation. Mathematical Notes, 2020, 108, 155-161.   | 0.1 | 0         |
| 6  | DTHMM ExaLB: discrete-time hidden Markov model for load balancing in distributed exascale computing environment. Cogent Engineering, 2020, 7, 1743404.  | 1.1 | 5         |
| 7  | About One Mathematical Model of Reliability and Safety of Complex Systems. Advances in Intelligent Systems and Computing, 2020, , 712-719.  | 0.5 | 0         |
| 8  | 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         |
| 9  | Approximate Solution of the Boundary Value Problem for the Helmholtz Equation with Impedance Condition. Doklady Mathematics, 2019, 100, 436-439.  | 0.1 | 0         |
| 10 | Analysis and Processing of Information in Economic Problems. Crisp and Fuzzy Technologies. Advances in Intelligent Systems and Computing, 2019, , 65-72.  | 0.5 | 0         |
| 11 | A mathematical framework for managing interactive communication distortions in exascale organizations. Cogent Business and Management, 2018, 5, 1545356.  | 1.3 | 2         |
| 12 | Justification of a quadrature method for an integral equation to the external Neumann problem for the Helmholtz equation. Mathematical Methods in the Applied Sciences, 2018, 41, 6921-6933.        | 1.2 | 6         |
| 13 | Problem without Initial Conditions for a Class of Inverse Parabolic Operator-Differential Equations of Third Order. Doklady Mathematics, 2018, 97, 199-202.   | 0.1 | 1         |
| 14 | On Wave Operators for the Multidimensional Electromagnetic Schrödinger Operator in the Divergent Form. Ukrainian Mathematical Journal, 2017, 68, 1153-1164.   | 0.1 | 0         |
| 15 | On Solvability of Third-Order Operator Differential Equation with Parabolic Principal Part in Weighted Space. Journal of Function Spaces, 2017, 2017, 1-8.  | 0.4 | 3         |
| 16 | Description of the Magnetic Field and Divergence of Multisolenoid Aharonov-Bohm Potential. Advances in Mathematical Physics, 2016, 2016, 1-8.   | 0.4 | 1         |
| 17 | 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. Doklady Mathematics, 2016, 93, 85-88. | 0.1 | 4         |
| 18 | Solvability conditions of a boundary value problem with operator coefficients and related estimates of the norms of intermediate derivative operators. Doklady Mathematics, 2016, 94, 566-568.      | 0.1 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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         |
| 21 | 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         |
| 22 | 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         |
| 23 | 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         |
| 24 | 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         |
| 25 | 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         |
| 26 | 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         |
| 27 | 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         |
| 28 | 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         |
| 29 | Spectral analysis of a fourth-order differential pencil on the whole real line. <i>Doklady Mathematics</i> , 2012, 85, 57-59.   | 0.1 | 0         |
| 30 | 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         |
| 31 | 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         |
| 32 | 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         |
| 33 | 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         |
| 34 | 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         |
| 35 | 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         |
| 36 | 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         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Solubility of boundary-value problems for a class of third-order operator-differential equations in a weighted space. Russian Mathematical Surveys, 2005, 60, 791-793. | 0.2 | 3         |