

Roland Duduchava

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Shell equations in terms of Caputo's derivatives, derived by the ϵ -convergence. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 9710.	2.3	0
2	Mixed boundary value problems for the Helmholtz equation in a model 2D angular domain. <i>Georgian Mathematical Journal</i> , 2020, 27, 211-231.	0.6	2
3	Mixed impedance boundary value problems for the Laplace-Beltrami equation. <i>Journal of Integral Equations and Applications</i> , 2020, 32, .	0.6	1
4	Mellin Convolution Equations. <i>Springer Proceedings in Mathematics and Statistics</i> , 2019, , 153-174.	0.2	0
5	Dirichlet problem for Laplace-Beltrami equation on hypersurfaces-FEM approximation. <i>Transactions of A Razmadze Mathematical Institute</i> , 2016, 170, 300-307.	0.7	1
6	Mellin convolution operators in Bessel potential spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 443, 707-731.	1.0	6
7	Extension of the unit normal vector field from a hypersurface. <i>Georgian Mathematical Journal</i> , 2015, 22, 355-359.	0.6	4
8	Mixed boundary value problems for the Helmholtz equation in arbitrary 2D-sectors. <i>Georgian Mathematical Journal</i> , 2013, 20, .	0.6	8
9	Solvability of Singular Integro-Differential Equations with Multiple Complex Shifts. <i>Complex Analysis and Operator Theory</i> , 2008, 2, 327-343.	0.6	4
10	On Estimates of the Boltzmann Collision Operator with Cut-off. <i>Journal of Mathematical Fluid Mechanics</i> , 2006, 8, 242-266.	1.0	5
11	The Green formula and layer potentials. <i>Integral Equations and Operator Theory</i> , 2001, 41, 127-178.	0.8	32
12	Wiener-Hope equations with the transmission property. <i>Integral Equations and Operator Theory</i> , 1992, 15, 412-426.	0.8	7
13	On algebras generated by convolutions and discontinuous functions. <i>Integral Equations and Operator Theory</i> , 1987, 10, 505-530.	0.8	27
14	The algebra of non-classical singular integral operators on half space. <i>Integral Equations and Operator Theory</i> , 1987, 10, 531-553.	0.8	7
15	An application of singular integral equations to some problems of elasticity. <i>Integral Equations and Operator Theory</i> , 1982, 5, 475-489.	0.8	8