

Alexander Ukhlov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On Lipschitz approximations in second order Sobolev spaces and the change of variables formula. Journal of Mathematical Analysis and Applications, 2022, 506, 125659.	1.0	0
2	Singular subelliptic equations and Sobolev inequalities on Carnot groups. Analysis and Mathematical Physics, 2022, 12, 1.	1.3	2
3	Mixed local and nonlocal Sobolev inequalities with extremal and associated quasilinear singular elliptic problems. Nonlinear Analysis: Theory, Methods & Applications, 2022, 223, 113022.	1.1	22
4	Composition operators on Hardy-Sobolev spaces and BMO-quasiconformal mappings. Ukrainian Mathematical Bulletin, 2021, 18, 209-225.	0.5	2
5	Composition operators on Hardy-Sobolev spaces and BMO-quasiconformal mappings. Journal of Mathematical Sciences, 2021, 258, 313-325.	0.4	4
6	Spectral stability estimates of Dirichlet divergence form elliptic operators. Analysis and Mathematical Physics, 2020, 10, 1.	1.3	2
7	Sobolev Mappings and Moduli Inequalities on Carnot Groups. Journal of Mathematical Sciences, 2020, 249, 754-768.	0.4	1
8	Space quasiconformal composition operators with applications to Neumann eigenvalues. Analysis and Mathematical Physics, 2020, 10, 1.	1.3	2
9	On the functional properties of weak (p, q) -quasiconformal homeomorphisms. Journal of Mathematical Sciences, 2020, 246, 18-29.	0.4	2
10	Sobolev mappings and moduli inequalities on Carnot groups. Ukrainian Mathematical Bulletin, 2020, 17, 215-233.	0.5	4
11	Composition Operators on Sobolev Spaces and Neumann Eigenvalues. Complex Analysis and Operator Theory, 2019, 13, 2781-2798.	0.6	1
12	On the functional properties of weak (p, q) -quasiconformal homeomorphisms. Ukrainian Mathematical Bulletin, 2019, 16, 329-344.	0.5	2
13	Integral estimates of conformal derivatives and spectral properties of the Neumann-Laplacian. Journal of Mathematical Analysis and Applications, 2018, 463, 19-39.	1.0	10
14	Spectral estimates of the p -Laplace Neumann operator and Brennan's conjecture. Bolletino Dell Unione Matematica Italiana, 2018, 11, 245-264.	1.0	5
15	Space quasiconformal mappings and Neumann eigenvalues in fractal type domains. Georgian Mathematical Journal, 2018, 25, 221-233.	0.6	5
16	On the First Eigenvalue of the Degenerate \mathbb{R}^n -Laplace Operator in Non-convex Domains. Integral Equations and Operator Theory, 2018, 90, 1.	0.8	12
17	The spectral estimates for the Neumann-Laplace operator in space domains. Advances in Mathematics, 2017, 315, 166-193.	1.1	16
18	Weak regularity of degenerate elliptic equations. Lobachevskii Journal of Mathematics, 2017, 38, 262-270.	0.9	0

