

Amiran Gogatishvili

List of Publications by Year in descending order

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81
papers

1,073
citations

430442

18
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500791

28
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85
all docs

85
docs citations

85
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	On bilinear Hardy inequality and corresponding geometric mean inequality. <i>Ricerche Di Matematica</i> , 2022, 71, 581-608.	0.6	2
2	Weighted Inequalities for a Superposition of the Copson Operator and the Hardy Operator. <i>Journal of Fourier Analysis and Applications</i> , 2022, 28, 1.	0.5	3
3	Remarks on compactness results for variable exponent spaces $L(\hat{\alpha}(\dots))$. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2021, 157, 136-136.	0.8	1
4	Weighted norm inequalities for positive operators restricted on the cone of $\langle i \rangle \langle i \rangle$ -quasiconcave functions. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 17-39.	0.8	1
5	Some new results related to Lorentz $G^{\hat{\alpha}}$ -spaces and interpolation. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 483, 123623.	0.5	13
6	Weighted Inequalities for Discrete Iterated Hardy Operators. <i>Mediterranean Journal of Mathematics</i> , 2020, 17, 1.	0.4	3
7	Pointwise multipliers between weighted copson and ces�ro function spaces. <i>Mathematica Slovaca</i> , 2019, 69, 1303-1328.	0.3	2
8	Characterization of embeddings of Sobolev-type spaces into generalized H�lder spaces defined by L-modulus of smoothness. <i>Journal of Functional Analysis</i> , 2019, 276, 636-657.	0.7	4
9	Construction of Function Spaces Close to L^{∞} with Associate Space Close to L^1 . <i>Journal of Fourier Analysis and Applications</i> , 2018, 24, 1539-1553.	0.5	1
10	Characterization of interpolation between Grand, small or classical Lebesgue spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2018, 177, 422-453.	0.6	26
11	Weak-type Estimates in Morrey Spaces for Maximal Commutator and Commutator of Maximal Function. <i>Tokyo Journal of Mathematics</i> , 2018, 41, .	0.2	8
12	On grand and small Lebesgue and Sobolev spaces and some applications to PDE's. <i>Differential Equations and Applications</i> , 2018, , 21-46.	0.1	6
13	Embeddings between weighted Copson and Ces�ro function spaces. , 2017, 67, 1105-1132.		4
14	Embeddings of Lorentz-type spaces involving weighted integral means. <i>Journal of Functional Analysis</i> , 2017, 273, 2939-2980.	0.7	9
15	Iterated Hardy-type inequalities involving suprema. <i>Mathematical Inequalities and Applications</i> , 2017, , 901-927.	0.1	0
16	Weighted iterated Hardy-type inequalities. <i>Mathematical Inequalities and Applications</i> , 2017, , 683-728.	0.1	2
17	Compactness in quasi-Banach function spaces and applications to compact embeddings of Besov-type spaces. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2016, 146, 905-927.	0.8	10
18	Some $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll" \rangle \langle mml:mi \rangle s \langle /mml:mi \rangle \langle /mml:math \rangle$ -numbers of an integral operator of Hardy type in Banach function spaces. <i>Journal of Approximation Theory</i> , 2016, 207, 76-97.	0.5	0

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19	Maximal multiplier operators in $L_p(\hat{\cdot})(\mathbb{R}^n)$ spaces. Bulletin Des Sciences Mathematiques, 2016, 140, 86-97.	0.5	1
20	Characterizations of Besov and Triebel-Lizorkin spaces via averages on balls. Journal of Mathematical Analysis and Applications, 2016, 433, 1350-1368.	0.5	15
21	A Note on Boundedness of the Hardy-Littlewood Maximal Operator on Morrey Spaces. Mediterranean Journal of Mathematics, 2016, 13, 1885-1891.	0.4	4
22	A note on maximal commutators and commutators of maximal functions. Journal of the Mathematical Society of Japan, 2015, 67, .	0.3	39
23	Characterizations of Sobolev spaces via averages on balls. Nonlinear Analysis: Theory, Methods & Applications, 2015, 128, 86-99.	0.6	19
24	Embeddings of Sobolev-type spaces into generalized Hölder spaces involving k -modulus of smoothness. Annali Di Matematica Pura Ed Applicata, 2015, 194, 425-450.	0.5	3
25	Characterization of associate spaces of generalized weighted weak-Lorentz spaces and embeddings. Studia Mathematica, 2015, 228, 223-233.	0.4	7
26	Normability of Lorentz spaces – an alternative approach. Czechoslovak Mathematical Journal, 2014, 64, 581-597.	0.3	4
27	Some scales of equivalent conditions to characterize the Stieltjes inequality: the case. Mathematische Nachrichten, 2014, 287, 242-253.	0.4	8
28	Characterization of associate spaces of weighted Lorentz spaces with applications. Studia Mathematica, 2014, 224, 1-23.	0.4	10
29	The rearrangement-invariant space $\Gamma_{p,\phi}^{\lambda}$. Positivity, 2014, 18, 319-345.	0.3	9
30	Estimates for imaginary powers of Laplace operator in variable Lebesgue spaces and applications. Journal of Contemporary Mathematical Analysis, 2014, 49, 232-240.	0.1	2
31	Ulyanov-type Inequalities Between Lorentz-Zygmund Spaces. Journal of Fourier Analysis and Applications, 2014, 20, 1020-1049.	0.5	18
32	Local Hardy-Littlewood maximal operator in variable Lebesgue spaces. Banach Journal of Mathematical Analysis, 2014, 8, 229-244.	0.4	3
33	The weighted Stieltjes inequality and applications. Mathematische Nachrichten, 2013, 286, 659-668.	0.4	7
34	Reduction theorems for weighted integral inequalities on the cone of monotone functions. Russian Mathematical Surveys, 2013, 68, 597-664.	0.2	41
35	Boundedness of Stein's spherical maximal function in variable Lebesgue spaces and application to the wave equation. Archiv Der Mathematik, 2013, 100, 465-472.	0.3	5
36	Reduction theorems for operators on the cones of monotone functions. Journal of Mathematical Analysis and Applications, 2013, 405, 156-172.	0.5	21

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37	New pre-dual space of Morrey space. Journal of Mathematical Analysis and Applications, 2013, 397, 678-692.	0.5	24
38	Interpolation of uniformly absolutely continuous operators. Mathematische Nachrichten, 2013, 286, 579-599.	0.4	4
39	Some new iterated Hardy-type inequalities: the case "Equation missing" <!-- No EquationSource Format="TEX", only image and EquationSource Format="MATHML" -->. Journal of Inequalities and Applications, 2013, 2013, .	0.5	11
40	Integral operators on cones of monotone functions. Doklady Mathematics, 2012, 86, 650-653.	0.1	5
41	Operators on cones of monotone functions. Doklady Mathematics, 2012, 86, 562-565.	0.1	6
42	On scales of equivalent conditions characterizing weighted Stieltjes inequality. Doklady Mathematics, 2012, 86, 738-739.	0.1	3
43	Some New Iterated Hardy-Type Inequalities. Journal of Function Spaces and Applications, 2012, 2012, 1-30.	0.5	16
44	The one-sided $A_{p(\cdot)}$ conditions and local maximal operator. Proceedings of the Edinburgh Mathematical Society, 2012, 55, 79-104.	0.2	2
45	Characterization of a rearrangement-invariant hull of a Besov space via interpolation. Revista Matematica Complutense, 2012, 25, 267-283.	0.7	3
46	Equivalence of norms of Riesz potential and fractional maximal function in generalized Morrey spaces. Collectanea Mathematica, 2012, 63, 11-28.	0.4	4
47	The multidimensional reverse Hardy inequalities. Mathematical Inequalities and Applications, 2012, , 1-14.	0.1	3
48	Compact Embeddings of Bessel-Potential-Type Spaces into Generalized Hölder Spaces Involving k -Modulus of Smoothness. Zeitschrift Fur Analysis Und Ihre Anwendung, 2011, 30, 1-27.	0.8	6
49	Compact embeddings of besov spaces involving only slowly varying smoothness. Czechoslovak Mathematical Journal, 2011, 61, 923-940.	0.3	3
50	Dual spaces of local Morrey-type spaces. Czechoslovak Mathematical Journal, 2011, 61, 609-622.	0.3	12
51	Boundedness of the Riesz Potential in Local Morrey-Type Spaces. Potential Analysis, 2011, 35, 67-87.	0.4	49
52	Embeddings and the growth envelope of Besov spaces involving only slowly varying smoothness. Journal of Approximation Theory, 2011, 163, 1373-1399.	0.5	16
53	Optimal Embeddings of Bessel-Potential-Type Spaces into Generalized Hölder Spaces Involving k -Modulus of Smoothness. Potential Analysis, 2010, 32, 201-228.	0.4	12
54	Interpolation properties of Besov spaces defined on metric spaces. Mathematische Nachrichten, 2010, 283, 215-231.	0.4	58

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55	Sharp estimates of the k -modulus of smoothness of Bessel potentials. Journal of the London Mathematical Society, 2010, 81, 608-624.	0.5	7
56	Some new scales of characterization of Hardy's inequality. Proceedings of the Estonian Academy of Sciences, 2010, 59, 7.	0.9	10
57	Boundedness of the fractional maximal operator in local Morrey-type spaces. Complex Variables and Elliptic Equations, 2010, 55, 739-758.	0.4	85
58	Calderon-type theorems for operators of non-standard endpoint behaviour. Indiana University Mathematics Journal, 2009, 58, 1831-1852.	0.4	2
59	Some new scales of weight characterizations of the class B_p . Acta Mathematica Hungarica, 2009, 123, 365-377.	0.3	13
60	Optimal embeddings and compact embeddings of Bessel-potential-type spaces. Mathematische Zeitschrift, 2009, 262, 645-682.	0.4	10
61	Sharp embeddings of Besov spaces involving only logarithmic smoothness. Journal of Approximation Theory, 2008, 152, 188-214.	0.5	29
62	The \tilde{p} -quasiconcave Functions and Weighted Inequalities. International Series of Numerical Mathematics, 2008, , 121-132.	1.0	3
63	The reverse Hardy inequality with measures. Mathematical Inequalities and Applications, 2008, , 43-74.	0.1	8
64	Some Conditions Characterizing the "Reverse" Hardy Inequality. Real Analysis Exchange, 2008, 33, 249.	0.1	4
65	Characterisation of Embeddings in Lorentz Spaces. Bulletin of the Australian Mathematical Society, 2007, 76, 69-92.	0.3	17
66	Sharpness and non-compactness of embeddings of Bessel-potential-type spaces. Mathematische Nachrichten, 2007, 280, 1083-1093.	0.4	7
67	A reduction theorem for supremum operators. Journal of Computational and Applied Mathematics, 2007, 208, 270-279.	1.1	20
68	Interpolation orbits and optimal Sobolev's embeddings. Journal of Functional Analysis, 2007, 253, 1-17.	0.7	12
69	Embeddings and Duality Theorems for Weak Classical Lorentz Spaces. Canadian Mathematical Bulletin, 2006, 49, 82-95.	0.3	19
70	Functional properties of rearrangement invariant spaces defined in terms of oscillations. Journal of Functional Analysis, 2005, 229, 375-404.	0.7	26
71	Limiting reiteration for real interpolation with slowly varying functions. Mathematische Nachrichten, 2005, 278, 86-107.	0.4	75
72	Optimality of embeddings of Bessel-potential-type spaces into generalized Hölder spaces. Publicacions Matemàtiques, 2005, 49, 297-327.	0.2	9

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73	A non-doubling Trudinger inequality. <i>Studia Mathematica</i> , 2005, 170, 113-119.	0.4	0
74	Optimality of embeddings of Bessel-potential-type spaces into Lorentz-Karamata spaces. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2004, 134, 1127-1147.	0.8	16
75	An Equivalence Theorem for Integral Conditions Related to Hardy's Inequality. <i>Real Analysis Exchange</i> , 2004, 29, 867.	0.1	23
76	Discretization and anti-discretization of rearrangement-invariant norms. <i>Publicacions Matematiques</i> , 2003, 47, 311-358.	0.2	57
77	On the extrapolation estimates. <i>Mathematical Inequalities and Applications</i> , 2003, , 97-104.	0.1	1
78	Duality principles and reduction theorems. <i>Mathematical Inequalities and Applications</i> , 2000, , 539-558.	0.1	7
79	The generalized hardy operator with kernel and variable integral limits in banach function spaces. <i>Journal of Inequalities and Applications</i> , 1999, 1999, 232745.	0.5	19
80	Weak and extra-weak type inequalities for the maximal operator and the Hilbert transform. <i>Czechoslovak Mathematical Journal</i> , 1993, 43, 547-566.	0.3	5
81	Characterizations of Besov and Triebel-Lizorkin spaces on metric measure spaces. <i>Forum Mathematicum</i> , 0, , ---.	0.3	12