Stefan G Samko

List of Publications by Year
in descending order

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144 papers	3,588 citations	201674 27 h-index	175258 52 g-index
152 all docs	152 docs citations	152 times ranked	765 citing authors

#	Article	IF	Citations
1	Integration and differentiation to a variable fractional order. Integral Transforms and Special Functions, 1993, 1, 277-300.	1.2	445
2	On a progress in the theory of lebesgue spaces with variable exponent: maximal and singular operators. Integral Transforms and Special Functions, 2005, 16, 461-482.	1.2	229
3	Maximal and Potential Operators in Variable Exponent Morrey Spaces. Georgian Mathematical Journal, 2008, 15, 195-208.	0.6	148
4	Fractional integration and differentiation of variable order: an overview. Nonlinear Dynamics, 2013, 71, 653-662.	5.2	137
5	Equations with Involutive Operators. , 2001, , .		125
6	Fractional integration operator of variable order in the holder spacesHÎ»(x). International Journal of Mathematics and Mathematical Sciences, 1995, 18, 777-788.	0.7	109
7	Convolution type operators inlp(x). Integral Transforms and Special Functions, 1998, 7, 123-144.	1.2	95
8	Convolution and potential type operators inLp(x)(Rn). Integral Transforms and Special Functions, 1998, 7, 261-284.	1.2	91
9	Maximal and Fractional Operators in Weighted $L^{p(x)}$ Spaces. Revista Matematica Iberoamericana, 2004, 20, 493-515.	0.9	90
10	Boundedness of the maximal, potential and singular operators in the generalized variable exponent Morrey spaces. Mathematica Scandinavica, 2010, 107, 285.	0.2	83
11	Singular Integrals in Weighted Lebesgue Spaces with Variable Exponent. Georgian Mathematical Journal, 2003, 10, 145-156.	0.6	76
12	The Wiener algebra of absolutely convergent Fourier integrals: an overview. Analysis and Mathematical Physics, 2012, 2, 1-68.	1.3	75
13	Integral equations of the first kind of Sonine type. International Journal of Mathematics and Mathematical Sciences, 2003, 2003, 3609-3632.	0.7	67
14	Variable Exponent Herz Spaces. Mediterranean Journal of Mathematics, 2013, 10, 2007-2025.	0.8	64
15	On Sobolev Theorem for Riesz-Type Potentials in Lebesgue Spaces with Variable Exponent. Zeitschrift Fur Analysis Und Ihre Anwendung, 2003, 22, 899-910.	0.6	63
16	Integral Operators in Non-Standard Function Spaces. Operator Theory: Advances and Applications, 2016, , .	0.2	59
17	Weighted Sobolev theorem with variable exponent for spatial and spherical potential operators. Journal of Mathematical Analysis and Applications, 2005, 310, 229-246.	1.0	57
18	Characterization of Riesz and Bessel potentials on variable Lebesgue spaces. Journal of Function Spaces and Applications, 2006, 4, 113-144.	0.5	49

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19	Hardy-type Operators in Variable Exponent Lebesgue Spaces. Operator Theory: Advances and Applications, 2016, , 1-26.	0.2	49
20	Morrey-Campanato Spaces: an Overview. , 2013, , 293-323.		48
21	Weighted Sobolev theorem in Lebesgue spaces with variable exponent. Journal of Mathematical Analysis and Applications, 2007, 335, 560-583.	1.0	44
22	Operators of harmonic analysis in weighted spaces with non-standard growth. Journal of Mathematical Analysis and Applications, 2009, 352, 15-34.	1.0	44
23	Boundedness of maximal, potential type, and singular integral operators in the generalized variable exponent Morrey type spaces. Journal of Mathematical Sciences, 2010, 170, 423-443.	0.4	39
24	Variable exponent Campanato spaces. Journal of Mathematical Sciences, 2011, 172, 143-164.	0.4	33
25	Maximal, Potential, and Singular Operators in the Generalized Variable Exponent Morrey Spaces on Unbounded Sets. Journal of Mathematical Sciences, 2013, 193, 228-248.	0.4	33
26	Boundedness of the Maximal and Singular Operators on Generalized Orliczâ€“Morrey Spaces. Operator Theory: Advances and Applications, 2014, , 139-158.	0.2	33
27	Singular integrals and potentials in some Banach function spaces with variable exponent. Journal of Function Spaces and Applications, 2003, 1, 45-59.	0.5	32
28	A note on the best constants in some Hardy inequalities. Journal of Mathematical Inequalities, 2015, , 437-447.	0.9	31
29	Singular operators in variable spacesLp (Â·)(Î©,Ì) with oscillating weights. Mathematische Nachrichten, 2007, 280, 1145-1156.	0.8	30
30	Pointwise Inequalities in Variable Sobolev Spaces and Applications. Zeitschrift Fur Analysis Und Ihre Anwendung, 2007, 26, 179-193.	0.6	30
31	Embeddings of variable HajÅ‚aszâ€“Sobolev spaces into HÃ¶lder spaces of variable order. Journal of Mathematical Analysis and Applications, 2009, 353, 489-496.	1.0	29
32	Fractional integrals and hypersingular integrals in variable order HÃ¶lder spaces on homogeneous spaces. Journal of Function Spaces and Applications, 2010, 8, 215-244.	0.5	29
33	Maximal, potential and singular operators in the local â€œcomplementaryâ€•variable exponent Morrey type spaces. Journal of Mathematical Analysis and Applications, 2013, 401, 72-84.	1.0	29
34	Boundedness and Fredholmness of Pseudodifferential Operators in Variable Exponent Spaces. Integral Equations and Operator Theory, 2008, 60, 507-537.	0.8	27
35	Fractional and Hypersingular Operators in Variable Exponent Spaces on Metric Measure Spaces. Mediterranean Journal of Mathematics, 2009, 6, 215-232.	0.8	26
36	The maximal operator in weighted variable spaces<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>L</mml:mi></mml:mrow> Journal of Function Spaces and Applications, 2007, 5, 299-317.	0.5	25

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37	The Maximal Operator in Weighted Variable Exponent Spaces on Metric Spaces. Georgian Mathematical Journal, 2008, 15, 683-712.	0.6	24
38	Fractional Integrals and Derivatives: Mapping Properties. Fractional Calculus and Applied Analysis, 2016, 19, 580-607.	2.2	23
39	Riesz fractional integrals in grand lebesgue spaces on â„•n. Fractional Calculus and Applied Analysis, 2016, 19, 608-624.	2.2	22
40	Boundary value problems for analytic functions in the class of Cauchy-type integrals with density in. Boundary Value Problems, 2005, 2005, 361409.	0.7	21
41	Riesz potential operator in continual variable exponents Herz spaces. Mathematische Nachrichten, 2015, 288, 465-475.	0.8	21
42	Upper and Lower Bounds for Solutions of Nonlinear Volterra Convolution Integral Equations with Power Nonlinearity. Journal of Integral Equations and Applications, 2000, 12, 421.	0.6	19
43	Boundedness of maximal operators and potential operators on Carleson curves in Lebesgue spaces with variable exponent. Acta Mathematica Sinica, English Series, 2008, 24, 1775-1800.	0.6	19
44	Approximation in Morrey spaces. Journal of Functional Analysis, 2017, 272, 2392-2411.	1.4	19
45	Weighted Sobolev theorem with variable exponent for spatial and spherical potential operators, II. Journal of Mathematical Analysis and Applications, 2007, 325, 745-751.	1.0	18
46	A note on Riesz fractional integrals in the limiting case Î±(x)p(x) â‰¡ n. Fractional Calculus and Applied Analysis, 2013, 16, .	2.2	18
47	On grand Lebesgue spaces on sets of infinite measure. Mathematische Nachrichten, 2017, 290, 913-919.	0.8	18
48	Grand Lebesgue sequence spaces. Georgian Mathematical Journal, 2018, 25, 291-302.	0.6	17
49	Denseness of the spaces $Î¦_V$ of Lizorkin type in the mixed $L^{pÌ…}(â„•n)$-spaces. Studia Mathematica, 1995, 113, 199-210.	0.7	17
50	Maximal Operator in Variable Exponent Generalized Morrey Spaces on Quasi-metric Measure Space. Mediterranean Journal of Mathematics, 2016, 13, 1151-1165.	0.8	15
51	Herz Spaces Meet Morrey Type Spaces and Complementary Morrey Type Spaces. Journal of Fourier Analysis and Applications, 2020, 26, 1.	1.0	15
52	Boundedness in Lebesgue Spaces with Variable Exponent of the Cauchy Singular Operator on Carleson Curves. , 2006, , 167-186.		15
53	Inversion theorems for poterntial-type integral transforms in a and onsn-1. Integral Transforms and Special Functions, 1993, 1, 145-163.	1.2	14
54	Method of approximating inverse operators and its applications to the inversion of potential-type integral transforms. Integral Transforms and Special Functions, 1999, 8, 89-104.	1.2	14

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55	The Maximal Operator in Variable Spaces ? ?(Â·)(Î©, ï) with Oscillating Weights. Georgian Mathematical Journal, 2006, 13, 109-125.	0.6	14
56	Generalized potentials in variable exponent Lebesgue spaces on homogeneous spaces. Mathematische Nachrichten, 2011, 284, 53-66.	0.8	13
57	On mixed norm Bergmanâ€“Orliczâ€“Morrey spaces. Georgian Mathematical Journal, 2018, 25, 271-282.	0.6	13
58	Spaces BMO^{p(Â·)}(?) of a variable exponent p(z). Georgian Mathematical Journal, 2010, 17, 529-542.	0.6	12
59	Mixed norm Bergmanâ€“Morrey-type spaces on the unit disc. Mathematical Notes, 2016, 100, 38-48.	0.4	12
60	On Boundedness of Bergman Projection Operators in Banach Spaces of Holomorphic Functions in Half-Plane and Harmonic Functions in Half-Space. Journal of Mathematical Sciences, 2017, 226, 344-354.	0.4	12
61	A Class of Hausdorffâ€“Berezin Operators on the Unit Disc. Complex Analysis and Operator Theory, 2019, 13, 3853-3870.	0.6	12
62	Hadamardâ€“Bergman Convolution Operators. Complex Analysis and Operator Theory, 2020, 14, 1.	0.6	12
63	Fractional Weyl-Riesz Integrodifferentiation of Periodic Functions of Two Variables via the Periodization of the Riesz Kernel. Applicable Analysis, 2003, 82, 269-299.	1.3	11
64	Boundedness of the maximal operator and its commutators on vanishing generalized Orlicz-Morrey spaces. Annales Academiae Scientiarum Fennicae Mathematica, 2015, 40, 535-549.	0.7	11
65	On local summability of Riesz potentials in the case ReÎ±>0. Analysis Mathematica, 1999, 25, 205-210.	0.5	10
66	Pseudodifferential Operators Approach to Singular Integral Operators in Weighted Variable Exponent Lebesgue Spaces on Carleson Curves. Integral Equations and Operator Theory, 2011, 69, 405-444.	0.8	10
67	Mixed norm spaces of analytic functions as spaces of generalized fractional derivatives of functions in Hardy type spaces. Fractional Calculus and Applied Analysis, 2017, 20, 1106-1130.	2.2	10
68	Generalized HÃ¶lder Spaces of Holomorphic Functions in Domains in the Complex Plane. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	10
69	BMOâ€“VMO results for fractional integrals in variable exponent Morrey spaces. Nonlinear Analysis: Theory, Methods & Applications, 2019, 184, 35-43.	1.1	10
70	Embeddings of local generalized Morrey spaces between weighted Lebesgue spaces. Nonlinear Analysis: Theory, Methods & Applications, 2017, 164, 67-76.	1.1	9
71	Boundedness of the Bergman Projection and Some Properties of Bergman Type Spaces. Complex Analysis and Operator Theory, 2019, 13, 275-289.	0.6	9
72	Fundamental functions vanishing on a given set and division by functions. Mathematical Notes, 1977, 21, 379-386.	0.4	8

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73	Dominated Compactness Theorem in Banach Function Spaces and its Applications. Complex Analysis and Operator Theory, 2008, 2, 669-681.	0.6	8
74	Boundedness of weighted singular integral operators in grand Lebesgue spaces. Georgian Mathematical Journal, 2011, 18, 259-269.	0.6	8
75	On potentials in generalized HÃ¶lder spaces overÂuniform domains inÂâ„•n. Revista Matematica Complutense, 2011, 24, 357-373.	1.2	7
76	Maximal Operator with Rough Kernel in Variable Musielakâ€“Morreyâ€“Orlicz type Spaces, Variable Herz Spaces and Grand Variable Lebesgue Spaces. Integral Equations and Operator Theory, 2017, 89, 111-124.	0.8	7
77	On Grand and Small Bergman Spaces. Mathematical Notes, 2018, 104, 431-436.	0.4	7
78	A note on vanishing Morrey â† VMO result for fractional integrals of variable order. Fractional Calculus and Applied Analysis, 2020, 23, 298-302.	2.2	7
79	On the invariance of certain vanishing subspaces of Morrey spaces with respect to some classical operators. Banach Journal of Mathematical Analysis, 2020, 14, 987-1000.	0.8	7
80	Grand Lebesgue space for p = âˆž and its application to Sobolevâ€“Adams embedding theorems in borderline cases. Mathematische Nachrichten, 2022, 295, 991-1007.	0.8	7
81	Denseness of the Lizorkin-type spaces ?V in Lp(Rn). Mathematical Notes, 1982, 31, 432-437.	0.4	6
82	Characterization of the variable exponent Bessel potential spaces via the Poisson semigroup. Journal of Mathematical Analysis and Applications, 2010, 365, 483-497.	1.0	6
83	Weighted estimates of truncated potential kernels in the variable exponent setting. Complex Variables and Elliptic Equations, 2011, 56, 813-828.	0.8	6
84	Weighted Hardy Operators in Complementary Morrey Spaces. Journal of Function Spaces and Applications, 2012, 2012, 1-19.	0.5	6
85	Approximation in generalized Morrey spaces. Georgian Mathematical Journal, 2018, 25, 155-168.	0.6	6
86	Variable order fractional integrals in variable generalized HÃ¶lder spaces of holomorphic functions. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	6
87	Vanishing generalized Orlicz--Morrey spaces and fractional maximal operator. Publicationes Mathematicae, 2017, 90, 125-147.	0.2	6
88	On the dependence of asymptotics ofs-numbers of fractional integration operators on weight functions. Integral Transforms and Special Functions, 1997, 5, 191-212.	1.2	5
89	On Compactness of Operators in Variable Exponent Lebesgue Spaces. , 2010, , 497-508.		5
90	On maximal and potential operators with rough kernels in variable exponent spaces. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2016, 27, 309-325.	0.6	5

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91	On the Riesz potential operator of variable order from variable exponent Morrey space to variable exponent Campanato space. Mathematical Methods in the Applied Sciences, 2020, 43, 9337-9344.	2.3	5
92	On embeddings of Morrey type spaces between weighted Lebesgue or Stummel spaces with application to Herz spaces. Banach Journal of Mathematical Analysis, 2021, 15, 1.	0.8	5
93	Characterization of the Range of One-dimensional Fractional Integration in the Space with Variable Exponent. , 2008, , 393-416.		5
94	Corrigendum to "Hardy type inequality in variable Lebesgue spaces". Annales Academiae Scientiarum Fennicae Mathematica, 2010, 35, 679-680.	0.7	5
95	On multi-dimensional integral equations of convolution type with shift. Integral Equations and Operator Theory, 2001, 39, 305-328.	0.8	4
96	Local Fredholm Spectra and Fredholm Properties of Singular Integral Operators on Carleson Curves Acting on Weighted HÃ¶lder Spaces. Integral Equations and Operator Theory, 2006, 56, 257-283.	0.8	4
97	Boundedness of Weighted Singular Integral Operators on a Carleson Curve in Grand Lebesgue Spaces. , 2010, , .		4
98	Potential operators in generalized HÃ¶lder spaces on sets in quasi-metric measure spaces without the cancellation property. Nonlinear Analysis: Theory, Methods & Applications, 2013, 78, 130-140.	1.1	4
99	Weighted Hardy-Type Inequalities in Variable Exponent Morrey-Type Spaces. Journal of Function Spaces and Applications, 2013, 2013, 1-11.	0.5	4
100	Remark to the paper of S. Samko, â€œA note on Riesz fractional integrals in the limiting case Î±(x)p(x) â‰¡ nâ€, from FCAA, vol. 16, No 2, 2013. Fractional Calculus and Applied Analysis, 2014, 17, 277-278.	2.2	4
101	Preservation of certain vanishing properties of generalized Morrey spaces by some classical operators. Mathematical Methods in the Applied Sciences, 2020, 43, 9375-9386.	2.3	4
102	Coincidence of Variable Exponent Herz Spaces with Variable Exponent Morrey Type Spaces and Boundedness of Sublinear Operators in these Spaces. Potential Analysis, 0, , 1.	0.9	4
103	Addendum to â€œOn the Riesz potential operator of variable order from variable exponent Morrey space to variable exponent Campanato spaceâ€, Math Meth Appl Sci. 2020; 1â€“8. Mathematical Methods in the Applied Sciences, 2022, 45, 557-560.	2.3	4
104	On Some Classical Operators of Variable Order in Variable Exponent Spaces. , 2009, , 281-301.		4
105	Weighted generalized HÃ¶lder spaces as willposednedd classes for Sonine integral Equations. Journal of Integral Equations and Applications, 2008, 20, .	0.6	4
106	Singular convolution operators with a discontinuous symbol. Siberian Mathematical Journal, 1975, 16, 35-48.	0.6	3
107	Singular operators and Fourier multipliers in weighted Lebesgue spaces with variable index. Vestnik St Petersburg University: Mathematics, 2008, 41, 134-144.	0.4	3
108	Some new Stein and Hardy type inequalities. Journal of Mathematical Sciences, 2010, 169, 113-129.	0.4	3

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109	Variable exponent fractional integrals in the limiting case Î±(x)p(n) â‰¡ n on quasimetric measure spaces. Georgian Mathematical Journal, 2020, 27, 157-164.	0.6	3
110	Fractional operators of variable order from variable exponent Morrey spaces to variable exponent Campanato spaces on quasi-metric measure spaces with growth condition. Ricerche Di Matematica, 0, , 1.	1.0	3
111	Fractional Powers of Operators Via Hypersingular Integrals. , 2000, , 259-272.		3
112	Weighted Estimates of Generalized Potentials in Variable Exponent Lebesgue Spaces on Homogeneous Spaces. , 2010, , 107-122.		3
113	Discrete convolution operators with almost-stabilized coefficients. Mathematical Notes, 1977, 22, 678-681.	0.4	2
114	Riemann problem in the class of Cauchy-type integrals with density in L p(Â·)(Ð“). Doklady Mathematics, 2008, 78, 510-513.	0.6	2
115	Research paper on a 3d-hypersingular equation of a problem for a crack. Fractional Calculus and Applied Analysis, 2011, 14, .	2.2	2
116	Singular integral operators on weighted variable exponent Lebesgue spaces on composed Carleson curves. Functional Analysis and Its Applications, 2012, 46, 73-76.	0.4	2
117	A Chen-type Modification of Hadamard Fractional Integro-Differentiation. Operator Theory: Advances and Applications, 2014, , 325-339.	0.2	2
118	Remarks to the Paper â€œOn the Existence of Blow UP Solutions for a Class of Fractional Differential Equationsâ€•by Z. Bai et al., In â€œFCAAâ€• VOL. 17, NO 4 (2014), 1175-1187. Fractional Calculus and Applied Analysis, 2015, 18, 281-283.	2.2	2
119	Some sharp inequalities for integral operators with homogeneous kernel. Journal of Inequalities and Applications, 2016, 2016, .	1.1	2
120	On a class of sublinear operators in variable exponent Morrey-type spaces. Complex Variables and Elliptic Equations, 0, , 1-18.	0.8	2
121	Vekuaâ€™s Generalized Singular Integral on Carleson Curves in Weighted Variable Lebesgue Spaces. , 2008, , 283-293.		2
122	Local grand Lebesgue spaces on quasi-metric measure spaces and some applications. Positivity, 2022, 26, .	0.7	2
123	Essential spectra of pseudodifferential operators in Sobolev spaces with variable smoothness and variable Lebesgue indices. Doklady Mathematics, 2007, 76, 835-838.	0.6	1
124	Regularization of Multidimensional Integral Equations of the 1st Kind in Variable Exponent Spaces. , 2010, , .		1
125	On the regularization of a multidimensional integral equation in Lebesgue spaces with variable exponent. Mathematical Notes, 2013, 93, 583-592.	0.4	1
126	Variable Exponent HÃ¶lder Spaces. Operator Theory: Advances and Applications, 2016, , 571-604.	0.2	1

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127	Morrey spaces are closely embedded between vanishing Stummel spaces. Mathematical Inequalities and Applications, 2014, , 627-639.	0.2	1
128	On precise embeddings between the generalized Morrey spaces and Stummel classes. , 2012, , .		0
129	Maximal, Singular, and Potential Operators in Variable Exponent Lebesgue Spaces with Oscillating Weights. Operator Theory: Advances and Applications, 2016, , 27-128.	0.2	0
130	Kernel Integral Operators. Operator Theory: Advances and Applications, 2016, , 129-217.	0.2	0
131	Two-weight Estimates. Operator Theory: Advances and Applications, 2016, , 219-295.	0.2	0
132	One-sided Operators. Operator Theory: Advances and Applications, 2016, , 297-354.	0.2	0
133	Two-weight Inequalities for Fractional Maximal Functions. Operator Theory: Advances and Applications, 2016, , 355-394.	0.2	0
134	Description of the Range of Potentials, and Hypersingular Integrals. Operator Theory: Advances and Applications, 2016, , 395-438.	0.2	0
135	Multivariable Operators on the Cone of Decreasing Functions. Operator Theory: Advances and Applications, 2016, , 925-966.	0.2	0
136	Morrey, Campanato and Herz Spaces with Variable Exponents. Operator Theory: Advances and Applications, 2016, , 643-739.	0.2	0
137	Morrey and Stummel Spaces with Constant Exponents. Operator Theory: Advances and Applications, 2016, , 607-642.	0.2	0
138	Singular Integrals and Potentials in Grand Lebesgue Spaces. Operator Theory: Advances and Applications, 2016, , 741-849.	0.2	0
139	Fractional and Singular Integrals in Grand Morrey Spaces. Operator Theory: Advances and Applications, 2016, , 871-924.	0.2	0
140	A variable exponent Sobolev theorem for fractional integrals on quasimetric measure spaces. Analysis (Germany), 2016, 36, .	0.4	0
141	Some sharp inequalities for multidimensional integral operators with homogeneous kernel: an overview and new results. Mathematical Inequalities and Applications, 2016, , 551-564.	0.2	0
142	More on Compactness. Operator Theory: Advances and Applications, 2016, , 455-465.	0.2	0
143	Special issue in honour of Vladimir S. Rabinovich. Complex Variables and Elliptic Equations, 0, , 1-6.	0.8	0
144	Commutators of fractional maximal operator in variable Lebesgue spaces over bounded quasiâ€metric measure spaces. Mathematical Methods in the Applied Sciences, 0, , .	2.3	0