

Yoshihiro Sawano

List of Publications by Year in descending order

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141
papers

2,817
citations

236612

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docs citations

143
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hardy spaces with variable exponents and generalized Campanato spaces. <i>Journal of Functional Analysis</i> , 2012, 262, 3665-3748.	0.7	265
2	Morrey Spaces for Non-doubling Measures. <i>Acta Mathematica Sinica, English Series</i> , 2005, 21, 1535-1544.	0.2	141
3	Decompositions of Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces. <i>Mathematische Zeitschrift</i> , 2007, 257, 871-905.	0.4	119
4	Generalized fractional integral operators and fractional maximal operators in the framework of Morrey spaces. <i>Transactions of the American Mathematical Society</i> , 2011, 363, 6481-6503.	0.5	104
5	Orlicz-Morrey Spaces and Fractional Operators. <i>Potential Analysis</i> , 2012, 36, 517-556.	0.4	97
6	Atomic Decompositions of Hardy Spaces with Variable Exponents and its Application to Bounded Linear Operators. <i>Integral Equations and Operator Theory</i> , 2013, 77, 123-148.	0.4	94
7	Theory of Besov Spaces. <i>Developments in Mathematics</i> , 2018, , .	0.2	87
8	New Characterizations of Besov-Triebel-Lizorkin-Hausdorff Spaces Including Coorbits and Wavelets. <i>Journal of Fourier Analysis and Applications</i> , 2012, 18, 1067-1111.	0.5	75
9	Wavelet characterization of Besov-Morrey and Triebel-Lizorkin-Morrey spaces. <i>Functiones Et Approximatio, Commentarii Mathematici</i> , 2008, 38, .	0.1	63
10	New applications of Besov-type and Triebel-Lizorkin-type spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 363, 73-85.	0.5	62
11	Generalized Morrey Spaces for Non-doubling Measures. <i>Nonlinear Differential Equations and Applications</i> , 2008, 15, 413-425.	0.4	61
12	A note on Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces. <i>Acta Mathematica Sinica, English Series</i> , 2009, 25, 1223-1242.	0.2	60
13	Hardy spaces for ball quasi-Banach function spaces. <i>Dissertationes Mathematicae</i> , 0, 525, 1-102.	1.0	56
14	Sharp estimates of the modified Hardy Littlewood maximal operator on the nonhomogeneous space via covering lemmas. <i>Hokkaido Mathematical Journal</i> , 2005, 34, 435.	0.2	55
15	Orlicz-Hardy spaces and their duals. <i>Science China Mathematics</i> , 2014, 57, 903-962.	0.8	53
16	On the Gagliardo-Nirenberg type inequality in the critical Sobolev-Morrey space. <i>Journal of Fourier Analysis and Applications</i> , 2013, 19, 20-47.	0.5	52
17	A new framework for generalized Besov-type and Triebel-Lizorkin-type spaces. <i>Dissertationes Mathematicae</i> , 0, 489, 1-114.	1.0	47
18	Generalized Morrey spaces and trace operator. <i>Science China Mathematics</i> , 2016, 59, 281-336.	0.8	46

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19	Uniqueness criterion of weak solutions for the dissipative quasi-geostrophic equations in Orlicz-Morrey spaces. <i>Applicable Analysis</i> , 2014, 93, 356-368.	0.6	43
20	A remark on two generalized Orlicz-Morrey spaces. <i>Journal of Approximation Theory</i> , 2015, 198, 1-9.	0.5	37
21	SHARP MAXIMAL INEQUALITIES AND COMMUTATORS ON MORREY SPACES WITH NON-DOUBLING MEASURES. <i>Taiwanese Journal of Mathematics</i> , 2007, 11, 1091.	0.2	35
22	Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces for nondoubling measures. <i>Mathematische Nachrichten</i> , 2009, 282, 1788-1810.	0.4	33
23	Sobolev embeddings for Riesz potentials of functions in non-doubling Morrey spaces of variable exponents. <i>Collectanea Mathematica</i> , 2013, 64, 313-350.	0.4	33
24	Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces on domains. <i>Mathematische Nachrichten</i> , 2010, 283, 1456-1487.	0.4	31
25	A Note on Generalized Fractional Integral Operators on Generalized Morrey Spaces. <i>Boundary Value Problems</i> , 2009, 2009, 1-18.	0.3	30
26	Interpolation of generalized Morrey spaces. <i>Revista Matematica Complutense</i> , 2016, 29, 295-340.	0.7	29
27	The singular integral operator and its commutator on weighted Morrey spaces. <i>Collectanea Mathematica</i> , 2017, 68, 145-174.	0.4	29
28	Predual Spaces of Morrey Spaces with Non-doubling Measures. <i>Tokyo Journal of Mathematics</i> , 2009, 32, .	0.2	26
29	Decompositions of Besov-Hausdorff and Triebel-Lizorkin-Hausdorff spaces and their applications. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 369, 736-757.	0.5	25
30	Complex interpolation of Besov spaces and Triebel-Lizorkin spaces with variable exponents. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 387, 676-690.	0.5	25
31	Atomic Decomposition for Mixed Morrey Spaces. <i>Journal of Geometric Analysis</i> , 2021, 31, 9338-9365.	0.5	25
32	Morrey-Type Spaces on Gauss Measure Spaces and Boundedness of Singular Integrals. <i>Journal of Geometric Analysis</i> , 2014, 24, 1007-1051.	0.5	24
33	Calderón's First and Second Complex Interpolations of Closed Subspaces of Morrey Spaces. <i>Journal of Fourier Analysis and Applications</i> , 2017, 23, 1195-1226.	0.5	24
34	Generalized fractional maximal and integral operators on Orlicz and generalized Orlicz-Morrey spaces of the third kind. <i>Positivity</i> , 2019, 23, 727-757.	0.3	24
35	Variable Lebesgue norm estimates for BMO functions. <i>Czechoslovak Mathematical Journal</i> , 2012, 62, 717-727.	0.3	23
36	Non-smooth Atomic Decompositions for Generalized Orlicz-Morrey Spaces of the Third Kind. <i>Acta Applicandae Mathematicae</i> , 2016, 145, 133-174.	0.5	23

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37	Compact Commutators on Morrey Spaces with Non-Doubling Measures. Georgian Mathematical Journal, 2008, 15, 353-376.	0.2	22
38	Weighted norm inequalities for multilinear fractional operators on Morrey spaces. Studia Mathematica, 2011, 205, 139-170.	0.4	22
39	Integral operators on BMO-Morrey-Campanato spaces. Revista Matematica Complutense, 2013, 26, 1-32.	0.7	22
40	Complex interpolation and Calderón-Zygmund-Mityagin couples of Morrey spaces. Analysis and PDE, 2019, 12, 1711-1740.	0.6	21
41	Atomic Decomposition for Morrey Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2014, 33, 149-170.	0.8	20
42	Morrey-type Space and Its Dual Space. Bulletin of the Malaysian Mathematical Sciences Society, 2018, 41, 1181-1198.	0.4	20
43	Wavelet characterization and modular inequalities for weighted Lebesgue spaces with variable exponent. Annales Academiæ Scientiarum Fennicæ Mathematica, 2015, 40, 551-571.	0.7	20
44	Atomic decomposition for weighted Besov and Triebel-Lizorkin spaces. Mathematische Nachrichten, 2012, 285, 103-126.	0.4	19
45	Boundedness of intrinsic square functions and their commutators on generalized weighted Orlicz-Morrey spaces. Banach Journal of Mathematical Analysis, 2015, 9, 44-62.	0.4	19
46	The John-Nirenberg inequality in ball Banach function spaces and application to characterization of BMO. Journal of Inequalities and Applications, 2019, 2019, .	0.5	19
47	Linear and sublinear operators on generalized Morrey spaces with non-doubling measures. Publicationes Mathematicæ, 2013, 83, 303-327.	0.1	18
48	Sharp bounds for multilinear fractional integral operators on Morrey type spaces. Positivity, 2012, 16, 339-358.	0.3	17
49	The Fractional Operators on Weighted Morrey Spaces. Journal of Geometric Analysis, 2018, 28, 1502-1524.	0.5	17
50	Brückner-Galloua-Wainger type inequality for Besov-Morrey spaces. Studia Mathematica, 2010, 196, 91-101.	0.4	16
51	Generalized fractional maximal operators and vector-valued inequalities on generalized Orlicz-Morrey spaces. Revista Matematica Complutense, 2016, 29, 59-90.	0.7	16
52	Variable Lebesgue norm estimates for BMO functions. II. Analysis Mathematica, 2014, 40, 215-230.	0.2	15
53	Boundedness of the Generalized Fractional Integral Operators on Generalized Morrey Spaces over Metric Measure Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2017, 36, 159-190.	0.8	15
54	Characterizations for the generalized fractional integral operators on Morrey spaces. Mathematical Inequalities and Applications, 2014, , 761-777.	0.1	15

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55	Limiting case of the boundedness of fractional integral operators on nonhomogeneous space. Journal of Inequalities and Applications, 2006, 2006, 1-16.	0.5	14
56	Some norm inequalities in Musielak-Orlicz spaces. Annales Academiae Scientiarum Fennicae Mathematica, 2016, 41, 721-744.	0.7	14
57	Gagliardo-Nirenberg inequality for generalized Riesz potentials of functions in Musielak-Orlicz spaces. Archiv Der Mathematik, 2012, 98, 253-263.	0.3	13
58	Multilinear fractional integrals on Morrey spaces. Acta Mathematica Sinica, English Series, 2012, 28, 1375-1384.	0.2	13
59	Sobolev's inequality for Riesz potentials of functions in generalized Morrey spaces with variable exponent attaining the value 1 over non-doubling measure spaces. Journal of Inequalities and Applications, 2013, 2013, .	0.5	13
60	Sobolev embeddings for Riesz potentials of functions in Musielak-Orlicz-Morrey spaces over non-doubling measure spaces. Integral Transforms and Special Functions, 2014, 25, 976-991.	0.8	13
61	Non-smooth atomic decomposition for generalized Orlicz-Morrey spaces. Mathematische Nachrichten, 2015, 288, 1741-1775.	0.4	13
62	Decompositions of local Morrey-type spaces. Positivity, 2017, 21, 1223-1252.	0.3	13
63	Complex Interpolation of Smoothness Morrey Subspaces. Constructive Approximation, 2017, 46, 489-563.	1.8	13
64	Elliptic equations with discontinuous coefficients in generalized Morrey spaces. European Journal of Mathematics, 2017, 3, 728-762.	0.2	13
65	On the uniqueness of weak solutions of the 3D MHD equations in the Orlicz-Morrey space. Applicable Analysis, 2013, 92, 776-783.	0.6	11
66	Density, Duality and Preduality in Grand Variable Exponent Lebesgue and Morrey Spaces. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.4	11
67	Weak Morrey spaces with applications. Mathematische Nachrichten, 2018, 291, 178-186.	0.4	11
68	Homogeneous Besov spaces. Kyoto Journal of Mathematics, 2020, 60, .	0.2	11
69	A new Beale-Kato-Majda criteria for the 3D magneto-micropolar fluid equations in the Orlicz-Morrey space. Mathematical Methods in the Applied Sciences, 2012, 35, 1321-1334.	1.2	10
70	Applications of Littlewood-Paley Theory for BMO-Morrey Spaces to the Boundedness of Integral Operators. Journal of Function Spaces and Applications, 2013, 2013, 1-21.	0.5	9
71	Littlewood-Paley theory for variable exponent Lebesgue spaces and Gagliardo-Nirenberg inequality for Riesz potentials. Journal of the Mathematical Society of Japan, 2013, 65, .	0.3	9
72	A non-dense subspace in $M_{p, \lambda}(\mathbb{R}^n)$. \mathbb{R} -Morrey Spaces and the Boundedness of Integral Operators. Transactions of A Razmadze Mathematical Institute, 2017, 171, 379-380.	0.7	9

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73	Fine spectra of the discrete generalized Cesàro operator on Banach sequence spaces. Monatshefte Fur Mathematik, 2020, 192, 185-224.	0.5	9
74	Sharp Constants of Bràzis-Gallouët-Wainger Type Inequalities with a Double Logarithmic Term on Bounded Domains in Besov and Triebel-Lizorkin Spaces. Boundary Value Problems, 2010, 2010, 584521.	0.3	8
75	Fractional type Marcinkiewicz integral operators associated to surfaces. Journal of Inequalities and Applications, 2014, 2014, .	0.5	8
76	Littlewoodâ€Paley theory for Morrey spaces and their preduals. Revista Matematica Complutense, 2015, 28, 411-447.	0.7	8
77	Generalized Hardyâ€Morrey Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2017, 36, 129-149.	0.8	8
78	On inclusion relation between weak Morrey spaces and Morrey spaces. Nonlinear Analysis: Theory, Methods & Applications, 2018, 168, 27-31.	0.6	8
79	Generalized fractional integral operators on Orliczâ€Hardy spaces. Mathematische Nachrichten, 2021, 294, 224-235.	0.4	8
80	Approximation by trigonometric polynomials in variable exponent Morrey spaces. Analysis and Mathematical Physics, 2019, 9, 1265-1285.	0.6	7
81	Weak Type Inequalities for Some Integral Operators on Generalized Nonhomogeneous Morrey Spaces. Journal of Function Spaces and Applications, 2013, 2013, 1-12.	0.5	6
82	Complex interpolation of various subspaces of Morrey spaces. Science China Mathematics, 2020, 63, 937-964.	0.8	6
83	Generalized Stummel class and Morrey spaces. Publications De L'Institut Mathematique, 2012, 92, 127-138.	0.3	6
84	The Johnâ€Nirenberg type inequality for non-doubling measures. Studia Mathematica, 2007, 181, 153-170.	0.4	6
85	Atomic and Wavelet Characterization of Musielakâ€Orlicz Hardy Spaces for Generalized Orlicz Functions. Integral Equations and Operator Theory, 2022, 94, 1.	0.4	6
86	Complex interpolation of grand Lebesgue spaces. Monatshefte Fur Mathematik, 2017, 184, 245-272.	0.5	5
87	Generalized Morrey Spaces â€ Revisited. Zeitschrift Fur Analysis Und Ihre Anwendung, 2017, 36, 17-35.	0.8	5
88	Conditions for boundedness into Hardy spaces. Mathematische Nachrichten, 2019, 292, 2383-2410.	0.4	5
89	Predual spaces of generalized grand Morrey spaces over non-doubling measure spaces. Georgian Mathematical Journal, 2020, 27, 433-439.	0.2	5
90	Complex Interpolation and the Adams Theorem. Potential Analysis, 2021, 54, 299-305.	0.4	5

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91	Uniform boundedness of Kantorovich operators in Morrey spaces. <i>Positivity</i> , 2018, 22, 1097-1107.	0.3	4
92	A remark on modified Morrey spaces on metric measure spaces. <i>Hokkaido Mathematical Journal</i> , 2018, 47, .	0.2	4
93	Maximal operator on Orlicz spaces of two variable exponents over unbounded quasi-metric measure spaces. <i>Proceedings of the American Mathematical Society</i> , 2019, 147, 2877-2885.	0.4	4
94	Wavelet characterization of local Muckenhoupt weighted Lebesgue spaces with variable exponent. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 198, 111930.	0.6	4
95	Disjoint dynamics of weighted translations on solid spaces. <i>Topology and Its Applications</i> , 2021, 298, 107709.	0.2	4
96	A Global Universality of Two-Layer Neural Networks with ReLU Activations. <i>Journal of Function Spaces</i> , 2021, 2021, 1-3.	0.4	4
97	Gagliardo–Nirenberg inequality for generalized Riesz potentials of functions in Musielak–Orlicz spaces over quasi-metric measure spaces. <i>Colloquium Mathematicum</i> , 2020, 161, 51-66.	0.2	4
98	Boundedness of composition operators on reproducing kernel Hilbert spaces with analytic positive definite functions. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 511, 126048.	0.5	4
99	A <i>Drosophila</i> ex vivo model of olfactory appetitive learning. <i>Scientific Reports</i> , 2017, 7, 17725.	1.6	3
100	Generalized Riesz potentials of functions in Morrey spaces $L(1, \dot{L}^p)(G)$ over non-doubling measure spaces. <i>Forum Mathematicum</i> , 2020, 32, 339-359.	0.3	3
101	Fractional Maximal Operator on Musielak–Orlicz Spaces Over Unbounded Quasi-Metric Measure Spaces. <i>Results in Mathematics</i> , 2021, 76, 1.	0.4	3
102	Multiplier conditions for Boundedness into Hardy spaces. <i>Annales De L'Institut Fourier</i> , 2021, 71, 1047-1064.	0.2	3
103	Complex Interpolation of Morrey Spaces. <i>Springer Proceedings in Mathematics and Statistics</i> , 2017, , 85-115.	0.1	3
104	Approximation in Banach space by linear positive operators. <i>Positivity</i> , 2014, 18, 585-594.	0.3	2
105	Generalized fractional integral operators over non-doubling metric measure spaces. <i>Integral Transforms and Special Functions</i> , 2017, 28, 534-546.	0.8	2
106	An Observation of the Subspaces of \mathcal{S}' . <i>Operator Theory: Advances and Applications</i> , 2017, , 185-192.	0.2	2
107	THE HARDY AND HEISENBERG INEQUALITIES IN MORREY SPACES. <i>Bulletin of the Australian Mathematical Society</i> , 2018, 97, 480-491.	0.3	2
108	New function spaces related to Morrey spaces and the Fourier transform. <i>Banach Journal of Mathematical Analysis</i> , 2018, 12, 1-30.	0.4	2

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109	Riesz transform and fractional integral operators generated by nondegenerate elliptic differential operators. <i>Advances in Operator Theory</i> , 2019, 4, 750-766.	0.3	2
110	Complex interpolation of vanishing Morrey spaces. <i>Annals of Functional Analysis</i> , 2020, 11, 643-661.	0.3	2
111	The spectra of the generalized difference operators on the spaces of convergent series. <i>Linear and Multilinear Algebra</i> , 2021, 69, 732-751.	0.5	2
112	Inclusions in Generalized Orlicz Spaces. <i>Bulletin of the Iranian Mathematical Society</i> , 2021, 47, 1227-1233.	0.4	2
113	Spaces of Pointwise Multipliers on Morrey Spaces and Weak Morrey Spaces. <i>Mathematics</i> , 2021, 9, 2754.	1.1	2
114	Uniform boundedness of Szász-Mirakjan-Kantorovich operators in Morrey spaces with variable exponents. <i>Filomat</i> , 2020, 34, 2109-2121.	0.2	2
115	Sobolev Embeddings for Generalized Riesz Potentials of Functions in Morrey Spaces over Nondoubling Measure Spaces. <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-12.	0.5	1
116	A new Brézis-Galloua-Wainger inequality from the viewpoint of the real interpolation functors. <i>Mathematische Nachrichten</i> , 2014, 287, 352-358.	0.4	1
117	Generalized fractional integral operators on generalized Orlicz-Morrey spaces of the second kind over non-doubling metric measure spaces. <i>Georgian Mathematical Journal</i> , 2018, 25, 303-311.	0.2	1
118	Morrey Spaces from Various Points of View. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 139-160.	0.1	1
119	On the equivalence of the K-functional and the modulus of continuity on the Morrey spaces. <i>Journal of Approximation Theory</i> , 2019, 248, 105295.	0.5	1
120	Sparse non-smooth atomic decomposition of Morrey spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9320-9326.	1.2	1
121	Bilinear rough singular integral operators on Morrey spaces. <i>Journal of Analysis</i> , 2020, 28, 817-825.	0.3	1
122	Complex interpolation of the predual of Morrey spaces over measure spaces. <i>Georgian Mathematical Journal</i> , 2021, 28, 341-348.	0.2	1
123	Weighted Hankel Transform and Its Applications to Fourier Transform. <i>Journal of Fourier Analysis and Applications</i> , 2021, 27, 1.	0.5	1
124	Local Muckenhoupt class for variable exponents. <i>Journal of Inequalities and Applications</i> , 2021, 2021, .	0.5	1
125	Relatively Compact Sets in Variable Exponent Morrey Spaces on Metric Spaces. <i>Mediterranean Journal of Mathematics</i> , 2021, 18, 1.	0.4	1
126	Wavelet Characterization of Local Muckenhoupt Weighted Sobolev Spaces with Variable Exponents. <i>Constructive Approximation</i> , 2023, 57, 161-234.	1.8	1

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127	Application of Reproducing Kernel Hilbert Spaces to a Minimization Problem with Prescribed Nodes. East Asian Journal on Applied Mathematics, 2011, 1, 372-378.	0.4	0
128	A Multidimensional Integral Inequality Related to Hilbert-Type Inequality. Mediterranean Journal of Mathematics, 2016, 13, 3837-3848.	0.4	0
129	Muckenhoupt's Wheeden conjectures for fractional integral operators. Journal of Mathematical Analysis and Applications, 2017, 449, 456-463.	0.5	0
130	Complex interpolation of $\dot{W}^{s,p}$ -spaces. Complex Variables and Elliptic Equations, 2018, 63, 569-590.	0.4	0
131	Relation with Other Function Spaces. Developments in Mathematics, 2018, , 321-428.	0.2	0
132	Decomposition of Function Spaces and Its Applications. Developments in Mathematics, 2018, , 429-564.	0.2	0
133	Elementary Facts on Harmonic Analysis. Developments in Mathematics, 2018, , 1-204.	0.2	0
134	Besov Spaces, Triebel-Lizorkin Spaces and Modulation Spaces. Developments in Mathematics, 2018, , 205-320.	0.2	0
135	Various Function Spaces. Developments in Mathematics, 2018, , 709-889.	0.2	0
136	A predual of a predual of $B_{p,q}^s$ and its applications to commutators. Science China Mathematics, 2018, 61, 1437-1472.	0.8	0
137	A Refinement of the Adams Theorem on the Riesz Potential. Springer Proceedings in Mathematics and Statistics, 2021, , 497-506.	0.1	0
138	Boundedness of composition operators on Morrey spaces and weak Morrey spaces. Journal of Inequalities and Applications, 2021, 2021, .	0.5	0
139	Complex interpolation of variable Morrey spaces. Mathematische Nachrichten, 2021, 294, 2140-2150.	0.4	0
140	A remark on the paper "Vector-valued operators with singular kernel and Triebel-Lizorkin block spaces with variable exponents" by Kwok Pun Ho. Kyoto Journal of Mathematics, 2022, 62, .	0.2	0
141	Sparse Non-Smooth Atomic Decomposition of Quasi-Banach Lattices. Journal of Fourier Analysis and Applications, 2022, 28, .	0.5	0