

Yoshihiro Sawano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8543148/publications.pdf>

Version: 2024-02-01

141
papers

2,817
citations

236612

25
h-index

223531

46
g-index

143
all docs

143
docs citations

143
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelet Characterization of Local Muckenhoupt Weighted Sobolev Spaces with Variable Exponents. Constructive Approximation, 2023, 57, 161-234.	1.8	1
2	Atomic and Wavelet Characterization of Musielakâ€“Orlicz Hardy Spaces for Generalized Orlicz Functions. Integral Equations and Operator Theory, 2022, 94, 1.	0.4	6
3	Boundedness of composition operators on reproducing kernel Hilbert spaces with analytic positive definite functions. Journal of Mathematical Analysis and Applications, 2022, 511, 126048.	0.5	4
4	A remark on the paper â€œVector-valued operators with singular kernel and Triebelâ€“Lizorkin block spaces with variable exponentsâ€•by Kwok Pun Ho. Kyoto Journal of Mathematics, 2022, 62, .	0.2	0
5	Sparse Non-Smooth Atomic Decomposition of Quasi-Banach Lattices. Journal of Fourier Analysis and Applications, 2022, 28, .	0.5	0
6	Complex Interpolation and the Adams Theorem. Potential Analysis, 2021, 54, 299-305.	0.4	5
7	The spectra of the generalized difference operators on the spaces of convergent series. Linear and Multilinear Algebra, 2021, 69, 732-751.	0.5	2
8	Generalized fractional integral operators on Orliczâ€“Hardy spaces. Mathematische Nachrichten, 2021, 294, 224-235.	0.4	8
9	Atomic Decomposition for Mixed Morrey Spaces. Journal of Geometric Analysis, 2021, 31, 9338-9365.	0.5	25
10	Inclusions in Generalized Orlicz Spaces. Bulletin of the Iranian Mathematical Society, 2021, 47, 1227-1233.	0.4	2
11	Complex interpolation of the predual of Morrey spaces over measure spaces. Georgian Mathematical Journal, 2021, 28, 341-348.	0.2	1
12	A Refinement of the Adams Theorem on the Riesz Potential. Springer Proceedings in Mathematics and Statistics, 2021, , 497-506.	0.1	0
13	Weighted Hankel Transform and Its Applications to Fourier Transform. Journal of Fourier Analysis and Applications, 2021, 27, 1.	0.5	1
14	Local Muckenhoupt class for variable exponents. Journal of Inequalities and Applications, 2021, 2021, .	0.5	1
15	Boundedness of composition operators on Morrey spaces and weak Morrey spaces. Journal of Inequalities and Applications, 2021, 2021, .	0.5	0
16	Disjoint dynamics of weighted translations on solid spaces. Topology and Its Applications, 2021, 298, 107709.	0.2	4
17	Fractional Maximal Operator on Musielakâ€“Orlicz Spaces Over Unbounded Quasi-Metric Measure Spaces. Results in Mathematics, 2021, 76, 1.	0.4	3
18	Multiplier conditions for Boundedness into Hardy spaces. Annales De L'Institut Fourier, 2021, 71, 1047-1064.	0.2	3

#	ARTICLE	IF	CITATIONS
19	A Global Universality of Two-Layer Neural Networks with ReLU Activations. <i>Journal of Function Spaces</i> , 2021, 2021, 1-3.	0.4	4
20	Relatively Compact Sets in Variable Exponent Morrey Spaces on Metric Spaces. <i>Mediterranean Journal of Mathematics</i> , 2021, 18, 1.	0.4	1
21	Spaces of Pointwise Multipliers on Morrey Spaces and Weak Morrey Spaces. <i>Mathematics</i> , 2021, 9, 2754.	1.1	2
22	Complex interpolation of variable Morrey spaces. <i>Mathematische Nachrichten</i> , 2021, 294, 2140-2150.	0.4	0
23	Predual spaces of generalized grand Morrey spaces over non-doubling measure spaces. <i>Georgian Mathematical Journal</i> , 2020, 27, 433-439.	0.2	5
24	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
25	Sparse non-smooth atomic decomposition of Morrey spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9320-9326.	1.2	1
26	Bilinear rough singular integral operators on Morrey spaces. <i>Journal of Analysis</i> , 2020, 28, 817-825.	0.3	1
27	Wavelet characterization of local Muckenhoupt weighted Lebesgue spaces with variable exponent. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 198, 111930.	0.6	4
28	Complex interpolation of various subspaces of Morrey spaces. <i>Science China Mathematics</i> , 2020, 63, 937-964.	0.8	6
29	Complex interpolation of vanishing Morrey spaces. <i>Annals of Functional Analysis</i> , 2020, 11, 643-661.	0.3	2
30	Fine spectra of the discrete generalized Cesàro operator on Banach sequence spaces. <i>Monatshefte Fur Mathematik</i> , 2020, 192, 185-224.	0.5	9
31	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
32	Uniform boundedness of Szász–Mirakjan–Kantorovich operators in Morrey spaces with variable exponents. <i>Filomat</i> , 2020, 34, 2109-2121.	0.2	2
33	Homogeneous Besov spaces. <i>Kyoto Journal of Mathematics</i> , 2020, 60, .	0.2	11
34	Approximation by trigonometric polynomials in variable exponent Morrey spaces. <i>Analysis and Mathematical Physics</i> , 2019, 9, 1265-1285.	0.6	7
35	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
36	Conditions for boundedness into Hardy spaces. <i>Mathematische Nachrichten</i> , 2019, 292, 2383-2410.	0.4	5

#	ARTICLE	IF	CITATIONS
37	Complex interpolation and Calderón–Mityagin couples of Morrey spaces. <i>Analysis and PDE</i> , 2019, 12, 1711-1740.	0.6	21
38	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
39	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
40	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
41	The John–Nirenberg inequality in ball Banach function spaces and application to characterization of BMO. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	19
42	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
43	Uniform boundedness of Kantorovich operators in Morrey spaces. <i>Positivity</i> , 2018, 22, 1097-1107.	0.3	4
44	Density, Duality and Preduality in Grand Variable Exponent Lebesgue and Morrey Spaces. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1.	0.4	11
45	THE HARDY AND HEISENBERG INEQUALITIES IN MORREY SPACES. <i>Bulletin of the Australian Mathematical Society</i> , 2018, 97, 480-491.	0.3	2
46	A remark on modified Morrey spaces on metric measure spaces. <i>Hokkaido Mathematical Journal</i> , 2018, 47, .	0.2	4
47	Morrey-type Space and Its K -the Dual Space. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2018, 41, 1181-1198.	0.4	20
48	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
49	The Fractional Operators on Weighted Morrey Spaces. <i>Journal of Geometric Analysis</i> , 2018, 28, 1502-1524.	0.5	17
50	Complex interpolation of λ -spaces. <i>Complex Variables and Elliptic Equations</i> , 2018, 63, 569-590.	0.4	0
51	On inclusion relation between weak Morrey spaces and Morrey spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2018, 168, 27-31.	0.6	8
52	Weak Morrey spaces with applications. <i>Mathematische Nachrichten</i> , 2018, 291, 178-186.	0.4	11
53	Morrey Spaces from Various Points of View. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 139-160.	0.1	1
54	Relation with Other Function Spaces. <i>Developments in Mathematics</i> , 2018, , 321-428.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Decomposition of Function Spaces and Its Applications. Developments in Mathematics, 2018, , 429-564.	0.2	0
56	Theory of Besov Spaces. Developments in Mathematics, 2018, , .	0.2	87
57	Elementary Facts on Harmonic Analysis. Developments in Mathematics, 2018, , 1-204.	0.2	0
58	Besov Spaces, Triebel-Lizorkin Spaces and Modulation Spaces. Developments in Mathematics, 2018, , 205-320.	0.2	0
59	Various Function Spaces. Developments in Mathematics, 2018, , 709-889.	0.2	0
60	A predual of a predual of Bif and its applications to commutators. Science China Mathematics, 2018, 61, 1437-1472.	0.8	0
61	Decompositions of local Morrey-type spaces. Positivity, 2017, 21, 1223-1252.	0.3	13
62	The singular integral operator and its commutator on weighted Morrey spaces. Collectanea Mathematica, 2017, 68, 145-174.	0.4	29
63	Calderón's First and Second Complex Interpolations of Closed Subspaces of Morrey Spaces. Journal of Fourier Analysis and Applications, 2017, 23, 1195-1226.	0.5	24
64	Complex interpolation of grand Lebesgue spaces. Monatshefte Fur Mathematik, 2017, 184, 245-272.	0.5	5
65	Generalized fractional integral operators over non-doubling metric measure spaces. Integral Transforms and Special Functions, 2017, 28, 534-546.	0.8	2
66	An Observation of the Subspaces of \mathcal{S}' . Operator Theory: Advances and Applications, 2017, , 185-192.	0.2	2
67	Muckenhoupt-Wheeden conjectures for fractional integral operators. Journal of Mathematical Analysis and Applications, 2017, 449, 456-463.	0.5	0
68	Complex Interpolation of Smoothness Morrey Subspaces. Constructive Approximation, 2017, 46, 489-563.	1.8	13
69	A non-dense subspace in M . $p < q$. Transactions of A Razmadze Mathematical Institute, 2017, 171, 379-380.	0.7	0
70	Elliptic equations with discontinuous coefficients in generalized Morrey spaces. European Journal of Mathematics, 2017, 3, 728-762.	0.2	13
71	A Drosophila ex vivo model of olfactory appetitive learning. Scientific Reports, 2017, 7, 17725.	1.6	3
72	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

#	ARTICLE	IF	CITATIONS
73	Generalized Morrey Spaces "Revisited. Zeitschrift Fur Analysis Und Ihre Anwendung, 2017, 36, 17-35.	0.8	5
74	Generalized Hardy-Morrey Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2017, 36, 129-149.	0.8	8
75	Complex Interpolation of Morrey Spaces. Springer Proceedings in Mathematics and Statistics, 2017, , 85-115.	0.1	3
76	Interpolation of generalized Morrey spaces. Revista Matematica Complutense, 2016, 29, 295-340.	0.7	29
77	A Multidimensional Integral Inequality Related to Hilbert-Type Inequality. Mediterranean Journal of Mathematics, 2016, 13, 3837-3848.	0.4	0
78	Non-smooth Atomic Decompositions for Generalized Orlicz-Morrey Spaces of the Third Kind. Acta Applicandae Mathematicae, 2016, 145, 133-174.	0.5	23
79	Generalized Morrey spaces and trace operator. Science China Mathematics, 2016, 59, 281-336.	0.8	46
80	Generalized fractional maximal operators and vector-valued inequalities on generalized Orlicz-Morrey spaces. Revista Matematica Complutense, 2016, 29, 59-90.	0.7	16
81	Some norm inequalities in Musielak-Orlicz spaces. Annales Academiae Scientiarum Fennicae Mathematica, 2016, 41, 721-744.	0.7	14
82	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
83	Non-smooth atomic decomposition for generalized Orlicz-Morrey spaces. Mathematische Nachrichten, 2015, 288, 1741-1775.	0.4	13
84	Littlewood-Paley theory for Morrey spaces and their preduals. Revista Matematica Complutense, 2015, 28, 411-447.	0.7	8
85	A remark on two generalized Orlicz-Morrey spaces. Journal of Approximation Theory, 2015, 198, 1-9.	0.5	37
86	Wavelet characterization and modular inequalities for weighted Lebesgue spaces with variable exponent. Annales Academiae Scientiarum Fennicae Mathematica, 2015, 40, 551-571.	0.7	20
87	Atomic Decomposition for Morrey Spaces. Zeitschrift Fur Analysis Und Ihre Anwendung, 2014, 33, 149-170.	0.8	20
88	A new BrÅ©zis-GallouÅ«t-Wainger inequality from the viewpoint of the real interpolation functors. Mathematische Nachrichten, 2014, 287, 352-358.	0.4	1
89	Morrey-Type Spaces on Gauss Measure Spaces and Boundedness of Singular Integrals. Journal of Geometric Analysis, 2014, 24, 1007-1051.	0.5	24
90	Approximation in Banach space by linear positive operators. Positivity, 2014, 18, 585-594.	0.3	2

#	ARTICLE	IF	CITATIONS
91	Sobolev embeddings for Riesz potentials of functions in Musielakâ€“Orliczâ€“Morrey spaces over non-doubling measure spaces. <i>Integral Transforms and Special Functions</i> , 2014, 25, 976-991.	0.8	13
92	Fractional type Marcinkiewicz integral operators associated to surfaces. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	0.5	8
93	Variable Lebesgue norm estimates for BMO functions. II. <i>Analysis Mathematica</i> , 2014, 40, 215-230.	0.2	15
94	Orlicz-Hardy spaces and their duals. <i>Science China Mathematics</i> , 2014, 57, 903-962.	0.8	53
95	Uniqueness criterion of weak solutions for the dissipative quasi-geostrophic equations in Orliczâ€“Morrey spaces. <i>Applicable Analysis</i> , 2014, 93, 356-368.	0.6	43
96	Characterizations for the generalized fractional integral operators on Morrey spaces. <i>Mathematical Inequalities and Applications</i> , 2014, , 761-777.	0.1	15
97	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
98	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
99	Integral operators on $B_{\vec{p},q}^{\vec{s}}$ -Morrey-Campanato spaces. <i>Revista Matematica Complutense</i> , 2013, 26, 1-32.	0.7	22
100	Sobolevâ€™s inequality for Riesz potentials of functions in generalized Morrey spaces with variable exponent attaining the value 1 over non-doubling measure spaces. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	0.5	13
101	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
102	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
103	Weak Type Inequalities for Some Integral Operators on Generalized Nonhomogeneous Morrey Spaces. <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-12.	0.5	6
104	On the uniqueness of weak solutions of the 3D MHD equations in the Orliczâ€“Morrey space. <i>Applicable Analysis</i> , 2013, 92, 776-783.	0.6	11
105	Applications of Littlewood-Paley Theory for $B_{\vec{p},q}^{\vec{s}}$ -Morrey Spaces to the Boundedness of Integral Operators. <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-21.	0.5	9
106	Littlewood-Paley theory for variable exponent Lebesgue spaces and Gagliardo-Nirenberg inequality for Riesz potentials. <i>Journal of the Mathematical Society of Japan</i> , 2013, 65, .	0.3	9
107	Linear and sublinear operators on generalized Morrey spaces with non-doubling measures. <i>Publicationes Mathematicae</i> , 2013, 83, 303-327.	0.1	18
108	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

#	ARTICLE	IF	CITATIONS
109	Variable Lebesgue norm estimates for BMO functions. Czechoslovak Mathematical Journal, 2012, 62, 717-727.	0.3	23
110	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
111	Gagliardo-Nirenberg inequality for generalized Riesz potentials of functions in Musielak-Orlicz spaces. Archiv Der Mathematik, 2012, 98, 253-263.	0.3	13
112	Sharp bounds for multilinear fractional integral operators on Morrey type spaces. Positivity, 2012, 16, 339-358.	0.3	17
113	Orlicz-Morrey Spaces and Fractional Operators. Potential Analysis, 2012, 36, 517-556.	0.4	97
114	Multilinear fractional integrals on Morrey spaces. Acta Mathematica Sinica, English Series, 2012, 28, 1375-1384.	0.2	13
115	Hardy spaces with variable exponents and generalized Campanato spaces. Journal of Functional Analysis, 2012, 262, 3665-3748.	0.7	265
116	Complex interpolation of Besov spaces and Triebel-Lizorkin spaces with variable exponents. Journal of Mathematical Analysis and Applications, 2012, 387, 676-690.	0.5	25
117	Atomic decomposition for weighted Besov and Triebel-Lizorkin spaces. Mathematische Nachrichten, 2012, 285, 103-126.	0.4	19
118	Generalized Stummel class and Morrey spaces. Publications De L'Institut Mathematique, 2012, 92, 127-138.	0.3	6
119	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
120	Weighted norm inequalities for multilinear fractional operators on Morrey spaces. Studia Mathematica, 2011, 205, 139-170.	0.4	22
121	Generalized fractional integral operators and fractional maximal operators in the framework of Morrey spaces. Transactions of the American Mathematical Society, 2011, 363, 6481-6503.	0.5	104
122	New applications of Besov-type and Triebel-Lizorkin-type spaces. Journal of Mathematical Analysis and Applications, 2010, 363, 73-85.	0.5	62
123	Decompositions of Besov-Hausdorff and Triebel-Lizorkin-Hausdorff spaces and their applications. Journal of Mathematical Analysis and Applications, 2010, 369, 736-757.	0.5	25
124	Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces on domains. Mathematische Nachrichten, 2010, 283, 1456-1487.	0.4	31
125	Brzis-Galloua-Wainger type inequality for Besov-Morrey spaces. Studia Mathematica, 2010, 196, 91-101.	0.4	16
126	Sharp Constants of Brzis-Galloua-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

#	ARTICLE	IF	CITATIONS
127	Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces for nondoubling measures. <i>Mathematische Nachrichten</i> , 2009, 282, 1788-1810.	0.4	33
128	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
129	A Note on Generalized Fractional Integral Operators on Generalized Morrey Spaces. <i>Boundary Value Problems</i> , 2009, 2009, 1-18.	0.3	30
130	Predual Spaces of Morrey Spaces with Non-doubling Measures. <i>Tokyo Journal of Mathematics</i> , 2009, 32, .	0.2	26
131	Generalized Morrey Spaces for Non-doubling Measures. <i>Nonlinear Differential Equations and Applications</i> , 2008, 15, 413-425.	0.4	61
132	Compact Commutators on Morrey Spaces with Non-Doubling Measures. <i>Georgian Mathematical Journal</i> , 2008, 15, 353-376.	0.2	22
133	Wavelet characterization of Besov-Morrey and Triebel-Lizorkin-Morrey spaces. <i>Functiones Et Approximatio, Commentarii Mathematici</i> , 2008, 38, .	0.1	63
134	SHARP MAXIMAL INEQUALITIES AND COMMUTATORS ON MORREY SPACES WITH NON-DOUBLING MEASURES. <i>Taiwanese Journal of Mathematics</i> , 2007, 11, 1091.	0.2	35
135	Decompositions of Besov-Morrey spaces and Triebel-Lizorkin-Morrey spaces. <i>Mathematische Zeitschrift</i> , 2007, 257, 871-905.	0.4	119
136	The John-Nirenberg type inequality for non-doubling measures. <i>Studia Mathematica</i> , 2007, 181, 153-170.	0.4	6
137	Limiting case of the boundedness of fractional integral operators on nonhomogeneous space. <i>Journal of Inequalities and Applications</i> , 2006, 2006, 1-16.	0.5	14
138	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
139	Morrey Spaces for Non-doubling Measures. <i>Acta Mathematica Sinica, English Series</i> , 2005, 21, 1535-1544.	0.2	141
140	A new framework for generalized Besov-type and Triebel-Lizorkin-type spaces. <i>Dissertationes Mathematicae</i> , 0, 489, 1-114.	1.0	47
141	Hardy spaces for ball quasi-Banach function spaces. <i>Dissertationes Mathematicae</i> , 0, 525, 1-102.	1.0	56