

# Zunwei Fu

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

706  
citations

567144

15  
h-index

677027

22  
g-index

71  
all docs

71  
docs citations

71  
times ranked

243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Existence and large time behavior to coupled chemotaxis-fluid equations in Besov-Morrey spaces. <i>Journal of Differential Equations</i> , 2019, 266, 5867-5894.	1.1	40
2	$\hat{b}$ -central BMO estimates for commutators of singular integral operators with rough kernels. <i>Acta Mathematica Sinica, English Series</i> , 2008, 24, 373-386.	0.2	39
3	Sharp estimates of p-adic hardy and Hardy-Littlewood-PÃ³lya operators. <i>Acta Mathematica Sinica, English Series</i> , 2013, 29, 137-150.	0.2	35
4	Design of fuzzy radial basis function neural network classifier based on information data preprocessing for recycling black plastic wastes: comparative studies of ATR FT-IR and Raman spectroscopy. <i>Applied Intelligence</i> , 2019, 49, 929-949.	3.3	33
5	Fractional Fourier transforms on L and applications. <i>Applied and Computational Harmonic Analysis</i> , 2021, 55, 71-96.	1.1	32
6	Endpoint estimates for n-dimensional Hardy operators and their commutators. <i>Science China Mathematics</i> , 2012, 55, 1977-1990.	0.8	29
7	On the compactness of commutators of Hardy operators. <i>Pacific Journal of Mathematics</i> , 2020, 307, 239-256.	0.2	26
8	Reinforced Fuzzy Clustering-Based Ensemble Neural Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 569-582.	6.5	23
9	Commutators of n-dimensional rough Hardy operators. <i>Science China Mathematics</i> , 2011, 54, 95-104.	0.8	20
10	Riesz-Kolmogorov theorem in variable exponent Lebesgue spaces and its applications to Riemann-Liouville fractional differential equations. <i>Science China Mathematics</i> , 2018, 61, 1807-1824.	0.8	20
11	Weighted p-Adic Hardy Operators and Their Commutators on p-Adic Central Morrey Spaces. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2017, 40, 635-654.	0.4	19
12	Design methodology for Radial Basis Function Neural Networks classifier based on locally linear reconstruction and Conditional Fuzzy C-Means clustering. <i>International Journal of Approximate Reasoning</i> , 2019, 106, 228-243.	1.9	19
13	Boundedness and continuity of Marcinkiewicz integrals associated to homogeneous mappings on Triebel-Lizorkin spaces. <i>Frontiers of Mathematics in China</i> , 2019, 14, 95-122.	0.4	19
14	Estimates for operators on weighted Morrey spaces and their applications to nondivergence elliptic equations. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	0.5	16
15	Real-variable characterizations of Musielak-Orlicz-Hardy spaces associated with SchrÃ¶dinger operators on domains. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 533-569.	1.2	16
16	Weighted Hardy operators and commutators on Morrey spaces. <i>Frontiers of Mathematics in China</i> , 2010, 5, 531-539.	0.4	13
17	Molecular characterization of anisotropic Musielak-Orlicz Hardy spaces and their applications. <i>Acta Mathematica Sinica, English Series</i> , 2016, 32, 1391-1414.	0.2	13
18	Gradient estimates via rearrangements for solutions of some SchrÃ¶dinger equations. <i>Analysis and Applications</i> , 2018, 16, 339-361.	1.2	13

#	ARTICLE	IF	CITATIONS
19	Boundedness of Hausdorff operators on Hardy spaces in the Heisenberg group. Banach Journal of Mathematical Analysis, 2018, 12, 909-934.	0.4	13
20	An initial and boundary value problem of fractional Jeffreysâ€™ fluid in a porous half space. Computers and Mathematics With Applications, 2019, 78, 1801-1810.	1.4	13
21	Singular integral operators with rough kernels on central Morrey spaces with variable exponent. Annales Academiae Scientiarum Fennicae Mathematica, 2019, 44, 505-522.	0.7	12
22	Commutators of generalized Hardy operators. Mathematische Nachrichten, 2009, 282, 832-845.	0.4	11
23	Existence and Gevrey regularity for a two-species chemotaxis system in homogeneous Besov spaces. Science China Mathematics, 2017, 60, 1837-1856.	0.8	11
24	Design of Reinforced Fuzzy Radial Basis Function Neural Network Classifier Driven With the Aid of Iterative Learning Techniques and Support Vector-Based Clustering. IEEE Transactions on Fuzzy Systems, 2021, 29, 2506-2520.	6.5	11
25	On weighted weak type norm inequalities for one-sided oscillatory singular integrals. Studia Mathematica, 2011, 207, 137-151.	0.4	10
26	Sharp estimates for Hardy operators on Heisenberg group. Frontiers of Mathematics in China, 2016, 11, 155-172.	0.4	10
27	Real interpolation of weighted tent spaces. Applicable Analysis, 2016, 95, 2415-2443.	0.6	10
28	Analyticity and Existence of the Kellerâ€“Segelâ€“Navierâ€“Stokes Equations in Critical Besov Spaces. Advanced Nonlinear Studies, 2018, 18, 517-535.	0.7	10
29	Positive solutions for nonlinear Schrödingerâ€“Kirchhoff equations in $\mathbb{R}^3$ . Applied Mathematics Letters, 2020, 104, 106274.	1.5	10
30	Robust Multi-Linear Fuzzy SVR Designed With the Aid of Fuzzy C-Means Clustering Based on Insensitive Data Information. IEEE Access, 2020, 8, 184997-185011.	2.6	9
31	Design of stabilized polynomial-based ensemble fuzzy neural networks based on heterogeneous neurons and synergy of multiple techniques. Information Sciences, 2021, 542, 425-452.	4.0	9
32	Design of Iterative Fuzzy Radial Basis Function Neural Networks Based on Iterative Weighted Fuzzy C-Means Clustering and Weighted LSE Estimation. IEEE Transactions on Fuzzy Systems, 2022, 30, 4273-4285.	6.5	9
33	Some one-sided estimates for oscillatory singular integrals. Nonlinear Analysis: Theory, Methods & Applications, 2014, 108, 144-160.	0.6	8
34	Weighted estimates for bilinear square functions with non-smooth kernels and commutators. Frontiers of Mathematics in China, 2020, 15, 1-20.	0.4	8
35	Two characterizations of central BMO space via the commutators of Hardy operators. Forum Mathematicum, 2021, 33, 505-529.	0.3	8
36	Hardy spaces associated with a pair of commuting operators. Forum Mathematicum, 2015, 27, 2775-2824.	0.3	7

#	ARTICLE	IF	CITATIONS
37	Hierarchical polynomial-based fuzzy neural networks driven with the aid of hybrid network architecture and ranking-based neuron selection strategies. <i>Applied Soft Computing Journal</i> , 2021, 113, 107865.	4.1	7
38	Algebraic study to generalized Bosbach states on residuated lattices. <i>Soft Computing</i> , 2015, 19, 2541-2550.	2.1	6
39	Self-organized hybrid fuzzy neural networks driven with the aid of probability-based node selection and enhanced input strategy. <i>Neurocomputing</i> , 2020, 417, 471-489.	3.5	6
40	Fuzzy quasi-linear SVM classifier: Design and analysis. <i>Fuzzy Sets and Systems</i> , 2021, 413, 42-63.	1.6	6
41	$M_p$ weights for bilinear Hardy operators on $\mathbb{R}^n$ . <i>Collectanea Mathematica</i> , 2014, 65, 87-102.	0.4	5
42	Design of stabilized fuzzy relation-based neural networks driven to ensemble neurons/layers and multi-optimization. <i>Neurocomputing</i> , 2022, 486, 27-46.	3.5	5
43	Weighted estimates for commutators of one-sided oscillatory integral operators. <i>Frontiers of Mathematics in China</i> , 2011, 6, 507-516.	0.4	4
44	Sharp Estimates of $m$ -Linear $p$ -Adic Hardy and Hardy-Littlewood-Pólya Operators. <i>Journal of Applied Mathematics</i> , 2011, 2011, 1-20.	0.4	4
45	Estimates of Some Operators on One-Sided Weighted Morrey Spaces. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-9.	0.3	4
46	Boundedness of Sublinear Operators with Rough Kernels on Weighted Morrey Spaces. <i>Journal of Function Spaces and Applications</i> , 2013, 2013, 1-9.	0.5	4
47	Variation Inequalities for One-Sided Singular Integrals and Related Commutators. <i>Mathematics</i> , 2019, 7, 876.	1.1	4
48	Design of Reinforced Hybrid Fuzzy Rule-Based Neural Networks Driven to Inhomogeneous Neurons and Tournament Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3293-3307.	6.5	4
49	$W^{1,p}_p$ Triebel-Lizorkin $\dot{W}^{s,p}$ . <i>Scientia Sinica Mathematica</i> , 2011, 41, 43-52.	0.1	4
50	Boundedness of oscillatory integral operators and their commutators on weighted Morrey spaces. <i>Scientia Sinica Mathematica</i> , 2013, 43, 147-158.	0.1	4
51	Dynamically Generated Hierarchical Neural Networks Designed With the Aid of Multiple Support Vector Regressors and PNN Architecture With Probabilistic Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 1385-1399.	7.2	4
52	Design of Reinforced Fuzzy Model Driven to Feature Selection Through Univariable-Based Correlation and Multivariable-Based Determination Coefficient Analysis. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 4224-4238.	6.5	4
53	Weighted Multilinear Hardy Operators on Herz Type Spaces. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	3
54	Boundedness of One-Sided Oscillatory Integral Operators on Weighted Lebesgue Spaces. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.3	3

#	ARTICLE	IF	CITATIONS
55	Riemann boundary value problem for H-2-monogenic function in Hermitian Clifford analysis. <i>Boundary Value Problems</i> , 2014, 2014, .	0.3	3
56	Design of Fuzzy Ensemble Architecture Realized With the Aid of FCM-Based Fuzzy Partition and NN With Weighted LSE Estimation. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 569-583.	6.5	3
57	Boundary value problems for modified Helmholtz equations and applications. <i>Boundary Value Problems</i> , 2015, 2015, .	0.3	2
58	Morrey Meets Herz with Variable Exponent and Applications to Commutators of Homogeneous Fractional Integrals with Rough Kernels. <i>Journal of Function Spaces</i> , 2017, 2017, 1-11.	0.4	2
59	Commutators of maximal functions on spaces of homogeneous type and their weighted, local versions. <i>Frontiers of Mathematics in China</i> , 2022, 17, 625-652.	0.4	2
60	Reinforced fuzzy clustering-based rule model constructed with the aid of exponentially weighted $\hat{\alpha}$ , "2 regularization strategy and augmented random vector functional link network. <i>Fuzzy Sets and Systems</i> , 2022, 443, 90-114.	1.6	2
61	A Continuous Characterization of Triebel-Lizorkin Spaces Associated with Hermite Expansions. <i>Journal of Function Spaces</i> , 2015, 2015, 1-11.	0.4	1
62	Estimates of commutators on Herz-type spaces with variable exponent and applications. <i>Banach Journal of Mathematical Analysis</i> , 2021, 15, 1.	0.4	1
63	Global solutions to Chemotaxis-Navier-Stokes equations in critical Besov spaces. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2018, 23, 3427-3460.	0.5	1
64	Hierarchically Reorganized Multi-Layer Fuzzy Neural Networks Architecture Driven With the Aid of Node Selection Strategies and Structural Network Optimization. <i>IEEE Access</i> , 2022, 10, 7772-7792.	2.6	1
65	On Geodesic Segments in the Infinitesimal Asymptotic Teichmüller Spaces. <i>Journal of Function Spaces</i> , 2015, 2015, 1-7.	0.4	0
66	Operator Inequalities of Morrey Spaces Associated with Karamata Regular Variation. <i>Journal of Function Spaces</i> , 2017, 2017, 1-7.	0.4	0
67	Inversion of two new circulant matrices over $Z_m$ . <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 81, 012200.	0.2	0
68	Global existence and Gevrey regularity to the Navier-Stokes-Nernst-Planck-Poisson system in critical Besov-Morrey spaces. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2021, 26, 3409.	0.5	0
69	CMO estimates for higher-order commutators of integral operators with rough kernels. <i>Hokkaido Mathematical Journal</i> , 2009, 38, .	0.2	0