

# Feng Liu

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A NOTE ON THE ENDPOINT REGULARITY OF THE HARDYâ€“LITTLEWOOD MAXIMAL FUNCTIONS. Bulletin of the Australian Mathematical Society, 2016, 94, 121-130.	0.3	48
2	On the regularity of maximal operators supported by submanifolds. Journal of Mathematical Analysis and Applications, 2017, 453, 144-158.	0.5	43
3	On the Regularity of the Multisublinear Maximal Functions. Canadian Mathematical Bulletin, 2015, 58, 808-817.	0.3	40
4	Rough maximal singular integral and maximal operators supported by subvarieties on Triebelâ€“Lizorkin spaces. Nonlinear Analysis: Theory, Methods & Applications, 2018, 171, 41-72.	0.6	40
5	Regularity of discrete multisublinear fractional maximal functions. Science China Mathematics, 2017, 60, 1461-1476.	0.8	37
6	Singular integrals related to homogeneous mappings in Triebel-Lizorkin spaces. Journal of Mathematical Inequalities, 2017, , 1075-1097.	0.5	35
7	A NOTE ON MARCINKIEWICZ INTEGRALS ASSOCIATED TO SURFACES OF REVOLUTION. Journal of the Australian Mathematical Society, 2018, 104, 380-402.	0.3	28
8	On rough singular integrals related to homogeneous mappings. Collectanea Mathematica, 2016, 67, 113-132.	0.4	23
9	Endpoint Regularity of Multisublinear Fractional Maximal Functions. Canadian Mathematical Bulletin, 2017, 60, 586-603.	0.3	21
10	Continuity and approximate differentiability of multisublinear fractional maximal functions. Mathematical Inequalities and Applications, 2018, , 25-40.	0.1	21
11	Integral operators of Marcinkiewicz type on Triebelâ€“Lizorkin spaces. Mathematische Nachrichten, 2017, 290, 75-96.	0.4	20
12	On the regularity of the one-sided Hardy-Littlewood maximal functions. , 2017, 67, 219-234.		19
13	Boundedness and continuity of Marcinkiewicz integrals associated to homogeneous mappings on Triebel-Lizorkin spaces. Frontiers of Mathematics in China, 2019, 14, 95-122.	0.4	19
14	$L^p$ bounds for Marcinkiewicz integrals associated to homogeneous mappings. Monatshefte Fur Mathematik, 2016, 181, 875-906.	0.5	18
15	A note on the endpoint regularity of the discrete maximal operator. Proceedings of the American Mathematical Society, 2018, 147, 583-596.	0.4	17
16	PARABOLIC MARCINKIEWICZ INTEGRALS ASSOCIATED TO POLYNOMIALS COMPOUND CURVES AND EXTRAPOLATION. Bulletin of the Korean Mathematical Society, 2015, 52, 771-788.	0.3	17
17	Regularity and continuity of commutators of the Hardyâ€“Littlewood maximal function. Mathematische Nachrichten, 2020, 293, 491-509.	0.4	15
18	A REMARK ON THE REGULARITY OF THE DISCRETE MAXIMAL OPERATOR. Bulletin of the Australian Mathematical Society, 2017, 95, 108-120.	0.3	14

#	ARTICLE	IF	CITATIONS
19	Rough singular integrals associated to surfaces of revolution on Triebel-Lizorkin spaces. Rocky Mountain Journal of Mathematics, 2017, 47, .	0.2	13
20	Endpoint regularity of discrete multisublinear fractional maximal operators associated with $\hat{\Delta}_1$ -balls. Journal of Inequalities and Applications, 2018, 2018, 33.	0.5	11
21	A rough Marcinkiewicz integral along smooth curves. Journal of Nonlinear Science and Applications, 2016, 09, 4450-4464.	0.4	11
22	Boundedness and continuity of maximal operators associated to polynomial compound curves on Triebel-Lizorkin spaces. Mathematical Inequalities and Applications, 2019, , 25-44.	0.1	11
23	Rough maximal functions supported by subvarieties on Triebel-Lizorkin spaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2018, 112, 593-614.	0.6	10
24	Boundedness and continuity of maximal singular integrals and maximal functions on Triebel-Lizorkin spaces. Science China Mathematics, 2020, 63, 907-936.	0.8	10
25	Regularity and Continuity of Local Multilinear Maximal Type Operators. Journal of Geometric Analysis, 2021, 31, 3405-3454.	0.5	10
26	On the Triebel-Lizorkin space boundedness of Marcinkiewicz integrals along compound surfaces. Mathematical Inequalities and Applications, 2017, , 515-535.	0.1	10
27	BOUNDS FOR NONISOTROPIC MARCINKIEWICZ INTEGRALS ASSOCIATED TO SURFACES. Journal of the Australian Mathematical Society, 2015, 99, 380-398.	0.3	9
28	Mixed radial-angular integrability for rough singular integrals and maximal operators. Proceedings of the American Mathematical Society, 2020, 148, 3943-3956.	0.4	9
29	Regularity and continuity of the multilinear strong maximal operators. Journal Des Mathematiques Pures Et Appliquees, 2020, 138, 204-241.	0.8	8
30	Rough Marcinkiewicz integrals with mixed homogeneity on product spaces. Acta Mathematica Sinica, English Series, 2013, 29, 1231-1244.	0.2	7
31	On Marcinkiewicz integrals associated to compound mappings with rough kernels. Acta Mathematica Sinica, English Series, 2014, 30, 1210-1230.	0.2	7
32	Weighted estimates for rough singular integrals with applications to angular integrability. Pacific Journal of Mathematics, 2019, 301, 267-295.	0.2	7
33	Sobolev regularity for commutators of the fractional maximal functions. Banach Journal of Mathematical Analysis, 2021, 15, 1.	0.4	7
34	On the variation of the Hardy-Littlewood maximal functions on finite graphs. Collectanea Mathematica, 2021, 72, 333-349.	0.4	7
35	ROUGH SINGULAR INTEGRALS SUPPORTED BY SUBMANIFOLDS IN TRIEBEL-LIZORKIN SPACES AND BESOVE SPACES. Taiwanese Journal of Mathematics, 2014, 18, .	0.2	7
36	On singular integrals associated to surfaces. Tohoku Mathematical Journal, 2014, 66, .	0.4	5

#	ARTICLE	IF	CITATIONS
37	Boundedness of certain singular integrals along surfaces on Triebel-Lizorkin spaces. Forum Mathematicum, 2015, 27, 3439-3460.	0.3	5
38	On the regularity of one-sided fractional maximal functions. Mathematica Slovaca, 2018, 68, 1097-1112.	0.3	5
39	$L^p$ bounds for parametric Marcinkiewicz integrals with mixed homogeneity. Mathematical Inequalities and Applications, 2015, , 453-469.	0.1	5
40	Rough singular integrals and maximal operators with mixed homogeneity along compound curves. Mathematische Nachrichten, 2014, 287, 1166-1182.	0.4	4
41	Variation Inequalities for One-Sided Singular Integrals and Related Commutators. Mathematics, 2019, 7, 876.	1.1	4
42	A Note on Endpoint Sobolev Regularity of a Class of Bilinear Maximal Functions. Results in Mathematics, 2020, 75, 1.	0.4	4
43	On oscillatory singular integrals and their commutators with non-convolutional Hörmander class kernels. Banach Journal of Mathematical Analysis, 2021, 15, 1.	0.4	4
44	On the mixed radial-angular integrability of Marcinkiewicz integrals with rough kernels. Acta Mathematica Scientia, 2021, 41, 241-256.	0.5	4
45	A note on rough singular integrals in Triebel-Lizorkin spaces and Besov spaces. Journal of Inequalities and Applications, 2013, 2013, 492.	0.5	3
46	Variation operators for singular integrals and their commutators on weighted Morrey spaces and Sobolev spaces. Science China Mathematics, 2022, 65, 1267-1292.	0.8	3
47	Regularity of one-sided multilinear fractional maximal functions. Open Mathematics, 2018, 16, 1556-1572.	0.5	2
48	Weighted Estimates for Rough Maximal Functions with Applications to Angular Integrability. Journal of Function Spaces, 2019, 2019, 1-10.	0.4	2
49	Regularity Properties of Bilinear Maximal Function and Its Fractional Variant. Results in Mathematics, 2020, 75, 1.	0.4	2
50	Endpoint Sobolev boundedness and continuity of multilinear fractional maximal functions. Bulletin Des Sciences Mathematiques, 2022, 179, 103155.	0.5	2
51	A Note on the Regularity of the Two-Dimensional One-Sided Hardy-Littlewood Maximal Function. Journal of Function Spaces, 2018, 2018, 1-8.	0.4	1
52	Convergence of truncated rough singular integrals supported by subvarieties on Triebel-Lizorkin spaces. Frontiers of Mathematics in China, 2019, 14, 591-604.	0.4	1
53	Sobolev Regularity of Maximal Operators on Infinite Connected Graphs. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.4	1
54	Sharp Inequalities for the Hardy-Littlewood Maximal Operator on Finite Directed Graphs. Mathematics, 2021, 9, 946.	1.1	1

#	ARTICLE	IF	CITATIONS
55	Variation inequalities for rough singular integrals and their commutators on Morrey spaces and Besov spaces. <i>Advances in Nonlinear Analysis</i> , 2021, 11, 72-95.	1.3	1
56	A note on maximal singular integrals with rough kernels. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	1
57	Parabolic singular integrals with rough kernels and extrapolation. <i>Scientia Sinica Mathematica</i> , 2014, 44, 519-534.	0.1	1
58	Regularity of Local Bilinear Maximal Operator. <i>Results in Mathematics</i> , 2021, 76, 1.	0.4	1
59	A note on singular integrals with angular integrability. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	1
60	Rough singular integrals associated with surfaces of Van der Corput type. <i>Applied Mathematics</i> , 2014, 29, 86-100.	0.6	0
61	Boundedness of Marcinkiewicz integrals with mixed homogeneity along compound surfaces. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	0.5	0
62	Multiple singular integrals and maximal operators related to homogeneous mappings. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	0.5	0
63	A note on Marcinkiewicz integrals supported by submanifolds. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 228.	0.5	0
64	Boundedness and Continuity of Several Integral Operators with Rough Kernels in $WF^2_{Sn-1}$ on Triebel-Lizorkin Spaces. <i>Journal of Function Spaces</i> , 2018, 2018, 1-18.	0.4	0
65	A note on certain integrals along polynomial compound curves. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	0
66	On rough singular integrals along real-analytic submanifolds. <i>Forum Mathematicum</i> , 2020, 32, 361-380.	0.3	0
67	Weighted estimates for Marcinkiewicz integrals with applications to angular integrability. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	0.6	0
68	Marcinkiewicz integrals with rough kernels in $H^1(S^{n-1})$ . <i>Frontiers of Mathematics in China</i> , 2021, 16, 1163-1189.	0.4	0
69	On the spherical maximal function on finite graphs. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	0.6	0
70	Regularity for commutators of the local multilinear fractional maximal operators. <i>Advances in Nonlinear Analysis</i> , 2020, 10, 849-876.	1.3	0
71	Sobolev Regularity of Multilinear Fractional Maximal Operators on Infinite Connected Graphs. <i>Mathematics</i> , 2021, 9, 2883.	1.1	0
72	Rough singular integrals associated to polynomial curves. <i>Journal of Inequalities and Applications</i> , 2022, 2022, .	0.5	0

#	ARTICLE	IF	CITATIONS
73	Global mild solutions to three-dimensional magnetohydrodynamic equations in Morrey spaces. Journal of Differential Equations, 2022, 314, 752-807.	1.1	0
74	Variation Inequalities for the Hardy-Littlewood Maximal Function on Finite Directed Graphs. Mathematics, 2022, 10, 950.	1.1	0
75	Commutators of local bilinear maximal operator with Sobolev symbols. International Journal of Mathematics, 0, , .	0.2	0