

# Petr Honzik

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bilinear maximal functions associated with surfaces. Proceedings of the American Mathematical Society, 2022, 150, 1635-1639.	0.8	1
2	Maximal Operators Associated with Bilinear Multipliers of Limited Decay. Journal D'Analyse Mathematique, 2021, 143, 231.	0.8	8
3	An Endpoint Estimate for Rough Maximal Singular Integrals. International Mathematics Research Notices, 2020, 2020, 6120-6134.	1.0	3
4	Rough maximal bilinear singular integrals. Collectanea Mathematica, 2019, 70, 431-446.	0.9	2
5	The Hörmander multiplier theorem, II: The bilinear local $L^2 \times L^2$ case. Mathematische Zeitschrift, 2018, 289, 875-887.	0.9	10
6	Rough bilinear singular integrals. Advances in Mathematics, 2018, 326, 54-78.	1.1	25
7	Bilinear spherical maximal function. Mathematical Research Letters, 2018, 25, 1369-1388.	0.5	13
8	Dimension distortion of images of sets under Sobolev mappings. Annales Academiae Scientiarum Fennicae Mathematica, 2015, 40, 427-442.	0.7	4
9	Non-absolutely convergent integrals and singular integrals. Collectanea Mathematica, 2014, 65, 367-377.	0.9	1
10	Maximal Marcinkiewicz multipliers. Arkiv for Matematik, 2014, 52, 135-147.	0.5	3
11	Dimension of images of subspaces under mappings in Triebel-Lizorkin spaces. Mathematische Nachrichten, 2014, 287, 748-763.	0.8	2
12	Orthogonality Principle for Bilinear Littlewood-Paley Decompositions. Journal of Fourier Analysis and Applications, 2014, 20, 1171-1178.	1.0	1
13	Dimension of images of subspaces under Sobolev mappings. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2012, 29, 401-411.	1.4	6
14	A Weak-Type Estimate for Commutators. International Mathematics Research Notices, 2012, 2012, 4785-4796.	1.0	9
15	On the good- $\lambda$ inequality for nonlinear potentials. Proceedings of the American Mathematical Society, 2012, 140, 4167-4180.	0.8	14
16	On $p$ dependent boundedness of singular integral operators. Mathematische Zeitschrift, 2011, 267, 931-937.	0.9	2
17	An Example of an Unbounded Maximal Singular Operator. Journal of Geometric Analysis, 2010, 20, 153-167.	1.0	2
18	On an inequality of Sagher and Zhou concerning Stein's lemma. Collectanea Mathematica, 2009, 60, 297-306.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Maximal functions of multilinear multipliers. <i>Mathematical Research Letters</i> , 2009, 16, 995-1006.	0.5	2
20	On the $p$ -independence boundedness property of Calderón-Zygmund theory. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2007, 2007, .	0.9	5
21	Maximal transference and summability of multilinear Fourier series. <i>Journal of the Australian Mathematical Society</i> , 2006, 80, 65-80.	0.4	12
22	On maximal functions for Mihlin-Hörmander multipliers. <i>Advances in Mathematics</i> , 2006, 204, 363-378.	1.1	18
23	Maximal functions associated with Fourier multipliers of Mihlin-Hörmander type. <i>Mathematische Zeitschrift</i> , 2005, 249, 223-240.	0.9	18