

Adam OsÈ©kowski

List of Publications by Year in descending order

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102
papers

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840585

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102
all docs

102
docs citations

102
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharp Martingale and Semimartingale Inequalities. , 2012, , .		82
2	Noncommutative maximal inequalities associated with convex functions. Transactions of the American Mathematical Society, 2016, 369, 409-427.	0.5	21
3	Martingales and sharp bounds for Fourier multipliers. Annales Academiæ Scientiarum Fennicæ Mathematica, 2012, 37, 251-263.	0.7	19
4	Sharp martingale inequalities and applications to Riesz transforms on manifolds, Lie groups and Gauss space. Journal of Functional Analysis, 2015, 269, 1652-1713.	0.7	18
5	Sharp logarithmic inequalities for Riesz transforms. Journal of Functional Analysis, 2012, 263, 89-108.	0.7	17
6	Inequalities for dominated martingales. Bernoulli, 2007, 13, .	0.7	17
7	On the best constant in the weak type inequality for the square function of a conditionally symmetric martingale. Statistics and Probability Letters, 2009, 79, 1536-1538.	0.4	16
8	Sharp maximal inequality for stochastic integrals. Proceedings of the American Mathematical Society, 2008, 136, 2951-2958.	0.4	14
9	Sharp maximal inequalities for the martingale square bracket. Stochastics, 2010, 82, 589-605.	0.6	12
10	Logarithmic inequalities for Fourier multipliers. Mathematische Zeitschrift, 2013, 274, 515-530.	0.4	12
11	On the Bellman function of Nazarov, Treil and Volberg. Mathematische Zeitschrift, 2014, 278, 385-399.	0.4	12
12	Inequalities for noncommutative differentially subordinate martingales. Advances in Mathematics, 2018, 337, 216-259.	0.5	12
13	Weak-type inequalities for Fourier multipliers with applications to the Beurling-Ahlfors transform. Journal of the Mathematical Society of Japan, 2014, 66, .	0.3	11
14	Survey Article: Bellman function method and sharp inequalities for martingales. Rocky Mountain Journal of Mathematics, 2013, 43, .	0.2	10
15	Weighted inequalities for the martingale square and maximal functions. Statistics and Probability Letters, 2017, 120, 95-100.	0.4	10
16	Sharp maximal inequality for martingales and stochastic integrals. Electronic Communications in Probability, 2009, 14, .	0.1	10
17	A SPLITTING PROCEDURE FOR BELLMAN FUNCTIONS AND THE ACTION OF DYADIC MAXIMAL OPERATORS ON. Mathematika, 2015, 61, 199-212.	0.3	9
18	Maximal inequalities for continuous martingales and their differential subordinates. Proceedings of the American Mathematical Society, 2011, 139, 721-721.	0.4	9

#	ARTICLE	IF	CITATIONS
19	On relaxing the assumption of differential subordination in some martingale inequalities. <i>Electronic Communications in Probability</i> , 2011, 16, .	0.1	9
20	Sharp $L^p \rightarrow L^q$ Estimates for the Dyadic-Like Maximal Operators. <i>Journal of Fourier Analysis and Applications</i> , 2014, 20, 911-933.	0.5	8
21	Two Inequalities for the First Moments of a Martingale, its Square Function and its Maximal Function. <i>Bulletin of the Polish Academy of Sciences Mathematics</i> , 2005, 53, 441-449.	0.4	8
22	Best constants in Muckenhoupt's inequality. <i>Annales Academiae Scientiarum Fennicae Mathematica</i> , 2017, 42, 889-904.	0.7	8
23	Weak type inequality for noncommutative differentially subordinated martingales. <i>Probability Theory and Related Fields</i> , 2007, 140, 553-568.	0.9	7
24	SHARP WEAK-TYPE ESTIMATES FOR THE DYADIC-LIKE MAXIMAL OPERATORS. <i>Taiwanese Journal of Mathematics</i> , 2015, 19, .	0.2	7
25	A Fefferman–Stein inequality for the martingale square and maximal functions. <i>Statistics and Probability Letters</i> , 2017, 129, 81-85.	0.4	6
26	Sharp inequalities for dyadic A_1 weights. <i>Archiv Der Mathematik</i> , 2013, 101, 181-190.	0.3	5
27	On Astala's theorem for martingales and Fourier multipliers. <i>Advances in Mathematics</i> , 2015, 283, 275-302.	0.5	5
28	Strong Differential Subordination and Sharp Inequalities for Orthogonal Processes. <i>Journal of Theoretical Probability</i> , 2009, 22, 837-855.	0.4	4
29	Sharp Inequalities for Differentially Subordinate Harmonic Functions and Martingales. <i>Canadian Mathematical Bulletin</i> , 2012, 55, 597-610.	0.3	4
30	SHARP ESTIMATES FOR FUNCTIONS OF BOUNDED LOWER OSCILLATION. <i>Bulletin of the Australian Mathematical Society</i> , 2013, 87, 68-81.	0.3	4
31	Sharp Weak Type Inequality for Fractional Integral Operators Associated with d -Dimensional Walsh–Fourier Series. <i>Integral Equations and Operator Theory</i> , 2014, 78, 589-600.	0.4	4
32	A new approach to Hardy-type inequalities. <i>Archiv Der Mathematik</i> , 2015, 104, 165-176.	0.3	4
33	Sharp Weak Type Inequalities for Fractional Integral Operators. <i>Potential Analysis</i> , 2017, 47, 103-121.	0.4	4
34	The Hilbert Transform and Orthogonal Martingales in Banach Spaces. <i>International Mathematics Research Notices</i> , 2021, 2021, 11670-11730.	0.5	4
35	Sharp norm comparison of the maxima of a sequence and its predictable projection. <i>Statistics and Probability Letters</i> , 2009, 79, 1784-1788.	0.4	3
36	On the best constants in the weak type inequalities for re-expansion operator and Hilbert transform. <i>Transactions of the American Mathematical Society</i> , 2012, 364, 4303-4322.	0.5	3

#	ARTICLE	IF	CITATIONS
55	A weak-type inequality for the martingale square function. <i>Statistics and Probability Letters</i> , 2014, 95, 139-143.	0.4	1
56	Sharp weak-type inequalities for Fourier multipliers and second-order Riesz transforms. <i>Open Mathematics</i> , 2014, 12, .	0.5	1
57	Sharp weak-type inequalities for Fourier multipliers and second-order Riesz transforms. <i>Open Mathematics</i> , 2014, 12, .	0.4	1
58	Sharp weak-type inequalities for Fourier multipliers and second-order Riesz transforms. <i>Open Mathematics</i> , 2014, 12, .	0.4	1
59	Weighted maximal inequality for differentially subordinate martingales. <i>Electronic Communications in Probability</i> , 2016, 21, .	0.1	1
60	Sharp weighted logarithmic bound for maximal operators. <i>Archiv Der Mathematik</i> , 2016, 107, 635-644.	0.3	1
61	A Sharp Weak-Type (∞, ∞) $(\hat{\alpha}, \hat{\alpha})$ Inequality for the Hilbert Transform. <i>Complex Analysis and Operator Theory</i> , 2016, 10, 1133-1143.	0.3	1
62	Method of Moments and Sharp Inequalities for Martingales. , 2017, , 1-27.		1
63	SHARP WEIGHTED BOUNDS FOR GEOMETRIC MAXIMAL OPERATORS. <i>Glasgow Mathematical Journal</i> , 2017, 59, 533-547.	0.2	1
64	Weighted maximal inequalities for the Haar system. <i>Monatshefte Fur Mathematik</i> , 2018, 186, 321-336.	0.5	1
65	A weighted weak-type bound for Haar multipliers. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2018, 148, 643-658.	0.8	1
66	Sharp logarithmic estimates for positive dyadic shifts. <i>Advances in Mathematics</i> , 2018, 324, 118-147.	0.5	1
67	A sharp estimate for Muckenhoupt class \mathcal{A}_∞ $\mathcal{A}(\hat{\alpha})$ and BMO. <i>Positivity</i> , 2019, 23, 711-725.	0.3	1
68	A note on \mathcal{H}^1 -BMO duality. <i>Archiv Der Mathematik</i> , 2020, 114, 687-697.	0.3	1
69	Best Constants in Weighted Estimates for Dyadic Shifts. <i>Integral Equations and Operator Theory</i> , 2021, 93, 1.	0.4	1
70	Sharp Lorentz-norm estimates for differentially subordinate martingales and applications. <i>Transactions of the American Mathematical Society</i> , 2021, 374, 7235-7262.	0.5	1
71	Sharp maximal bound for continuous martingales. <i>Statistics and Probability Letters</i> , 2010, 80, 1405-1408.	0.4	0
72	Best constants in the weak type inequalities for a martingale conditional square function. <i>Statistics and Probability Letters</i> , 2012, 82, 885-893.	0.4	0

#	ARTICLE	IF	CITATIONS
73	BEST CONSTANTS IN THE WEAK-TYPE ESTIMATES FOR UNCENTERED MAXIMAL OPERATORS. Glasgow Mathematical Journal, 2012, 54, 655-663.	0.2	0
74	Sharp Inequalities for the Haar System and Fourier Multipliers. Journal of Function Spaces and Applications, 2013, 2013, 1-14.	0.5	0
75	On the Action of Riesz Transforms on the Class of Bounded Functions. Complex Analysis and Operator Theory, 2014, 8, 1269-1283.	0.3	0
76	Inequalities for martingales taking values in 2-convex Banach spaces. Statistics and Probability Letters, 2014, 84, 102-107.	0.4	0
77	Inequalities for the truncated Hilbert transform and the segment multiplier. Collectanea Mathematica, 2014, 65, 103-118.	0.4	0
78	A sharp maximal inequality for one-dimensional Dunkl martingales. Statistics and Probability Letters, 2015, 105, 114-119.	0.4	0
79	Sharp estimates for holomorphic functions on the unit ball of \mathbb{R}^n . Complex Variables and Elliptic Equations, 2015, 60, 323-332.	0.4	0
80	A prophet inequality for L^p -bounded dependent random variables. Positivity, 2015, 19, 289-303.	0.3	0
81	Weighted Inequalities for the Dyadic Square Function. Integral Equations and Operator Theory, 2016, 85, 359-380.	0.4	0
82	Sharp L^p Bound for Holomorphic Functions on the Unit Disc. Mediterranean Journal of Mathematics, 2016, 13, 127-139.	0.4	0
83	A logarithmic bound for a stopped Brownian motion. Stochastic Analysis and Applications, 2016, 34, 65-74.	0.9	0
84	On a Class of Optimal Stopping Problems of Nonintegral Type. , 2017, , 29-45.		0
85	Sharp weighted weak-norm estimates for maximal functions. Statistics and Probability Letters, 2017, 131, 93-101.	0.4	0
86	Sharp $L \log L$ estimates for Fourier multipliers. Quarterly Journal of Mathematics, 2017, 68, 1357-1377.	0.3	0
87	Sharp weighted weak type $L^{p, \lambda}$ estimates for maximal functions. Statistics and Probability Letters, 2019, 188561.		0
88	On the action of the Hilbert transform on \mathbb{R}^n -valued functions. Statistics and Probability Letters, 2019, 146, 213-223.	0.4	0
89	Burkholder's function and a weighted L^2 bound for stochastic integrals. Proceedings of the American Mathematical Society, 2020, 148, 5013-5028.	0.4	0
90	Weak $L^{p, \lambda}$ inequality for non-symmetric martingale transforms and Haar system. Statistics and Probability Letters, 2020, 163, 108778.	0.4	0

#	ARTICLE	IF	CITATIONS
91	A weak-type $(\hat{\lambda}, \hat{\lambda})$ inequality for the triangular projection. Linear Algebra and Its Applications, 2021, 612, 112-127.	0.4	0
92	Embedding BMO into weighted BMO . Publicacions Matematiques, 2021, 65, 335-361.	0.2	0
93	Explicit counterexamples to the weak Muckenhoupt-Wheeden conjecture. Mathematische Zeitschrift, 2021, 298, 1727.	0.4	0
94	Sharp Weak-Type (p, \hat{p}) Estimates ($1 < p < \infty$) for Positive Dyadic Shifts. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.4	0
95	A weak- $\hat{\lambda}$ inequality for weakly dominated martingales with applications to Haar shift operators. Journal of Mathematical Analysis and Applications, 2021, 493, 124547.	0.5	0
96	Sharp maximal L_p -bounds for continuous martingales and their differential subordinates. Electronic Journal of Probability, 2021, 26, .	0.5	0
97	A dual approach to Burkholder's L_p estimates. Bulletin of the London Mathematical Society, 2021, 53, 1107-1123.	0.4	0
98	Weighted inequalities for q -functions. Illinois Journal of Mathematics, 2021, 65, .	0.1	0
99	Sharp Lorentz-norm estimates for BMO martingales. Statistics and Probability Letters, 2021, 173, 109068.	0.4	0
100	A probabilistic approach to Hilbert transforms on free group von Neumann algebras. , 0, , .		0
101	An extension of Pratelli's inequality. Statistics and Probability Letters, 2021, 177, 109175.	0.4	0
102	Sharp L_p estimates for paraproducts on general measure spaces. Archiv Der Mathematik, 2022, 118, 91-99.	0.3	0