Yurii Kolomoitsev

List of Publications by Year
in descending order

34 papers	**197** citations	1307594 **7** h-index	1199594 **12** g-index
38 all docs	**38** docs citations	**38** times ranked	**35** citing authors

#	Article	IF	Citations
1	Approximation by multivariate Kantorovichâ€"Kotelnikov operators. Journal of Mathematical Analysis and Applications, 2017, 456, 195-213.	1.0	30
2	Differential and Falsified Sampling Expansions. Journal of Fourier Analysis and Applications, 2018, 24, 1276-1305.	1.0	18
3	Properties of moduli of smoothness in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML display="inline" id="d1e25" altimg="si7.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml Journal of Approximation Theory, 2020, 257, 105423.	0.8	11
4	Multiplicative sufficient conditions for Fourier multipliers. Izvestiya Mathematics, 2014, 78, 354-374.	0.6	10
5	Approximation by samplingâ€"type operators in Lpâ€"spaces. Mathematical Methods in the Applied Sciences, 2020, 43, 9358-9374.	2.3	10
6	Quasi-projection operators in weighted L spaces. Applied and Computational Harmonic Analysis, 2021, 52, 165-197.	2.2	10
7	Generalization of One Sufficient Condition for Fourier Multipliers. Ukrainian Mathematical Journal, 2013, 64, 1562-1571.	0.5	7
8	On moduli of smoothness and averaged differences of fractional order. Fractional Calculus and Applied Analysis, 2017, 20, 988-1009.	2.2	7
9	On moduli of smoothness and Fourier multipliers in L p , 0 < p< 1. Ukrainian Mathematical Journal, 2007, 59, 1364-1384.	0.5	6
10	On moduli of smoothness and K-functionals of fractional order in the Hardy spaces. Journal of Mathematical Sciences, 2012, 181, 78-97.	0.4	6
11	On the nonclassical approximation method for periodic functions by trigonometric polynomials. Journal of Mathematical Sciences, 2013, 188, 113-127.	0.4	6
12	Sharp estimates of approximation of periodic functions in HÃ¶lder spaces. Journal of Approximation Theory, 2015, 200, 68-91.	0.8	6
13	Lebesgue constants for polyhedral sets and polynomial interpolation on Lissajousâ€"Chebyshev nodes. Journal of Complexity, 2017, 43, 1-27.	1.3	6
14	On the growth of Lebesgue constants for convex polyhedra. Transactions of the American Mathematical Society, 2018, 370, 6909-6932.	0.9	6
15	Approximation by multivariate quasi-projection operators and Fourier multipliers. Applied Mathematics and Computation, 2021, 400, 125955.	2.2	6
16	Hardyâ€"Littlewood and Ulyanov inequalities. Memoirs of the American Mathematical Society, 2021, 271, .	0.9	5
17	Approximation properties of periodic multivariate quasi-interpolation operators. Journal of Approximation Theory, 2021, 270, 105631.	0.8	5
18	Best approximations and moduli of smoothness of functions and their derivatives in Lp, 0<p<1. Journal of Approximation Theory, 2018, 232, 12-42.	0.8	4

#	Article	IF	Citations
19	Approximation by periodic multivariate quasi-projection operators. Journal of Mathematical Analysis and Applications, 2020, 489, 124192.	1.0	4
20	Approximation properties of generalized Bochner-Riesz means in the Hardy spaces $ H_p$, $ 0<ple 1$. Sbornik Mathematics, 2012, 203, 1151-1168.	0.6	3
21	Absolute convergence of multiple Fourier integrals. Studia Mathematica, 2013, 214, 17-35.	0.7	3
22	On <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml4" display="inline" overflow="scroll" altimg="si4.gif"><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:m of bivariate polynomial interpolation on the square. Journal of Approximation Theory, 2018, 229, 13-35.	0.8	3
23	Uniform approximation by multivariate quasi-projection operators. Analysis and Mathematical Physics, 2022, 12, 1.	1.3	3
24	On approximation of functions by algebraic polynomials in Hölder spaces. Mathematische Nachrichten, 2016, 289, 2037-2057.	0.8	2
25	On weighted conditions for the absolute convergence of Fourier integrals. Journal of Mathematical Analysis and Applications, 2017, 456, 163-176.	1.0	2
26	Smoothness of functions versus smoothness of approximation processes. Bulletin of Mathematical Sciences, 2020, 10, 2030002.	0.7	2
27	On approximation of functions by trigonometric polynomials with incomplete spectrum in L p , 0 < p < 1. Journal of Mathematical Sciences, 2010, 165, 463-472.	0.4	1
28	Inequalities for the Fractional Derivatives of Trigonometric Polynomials in Spaces with Integral Metrics. Ukrainian Mathematical Journal, 2015, 67, 45-61.	0.5	1
29	Around Kotelnikov-Shannon formula. , 2017, , .		1
30	Asymptotics of the Lebesgue constants for bivariate approximation processes. Applied Mathematics and Computation, 2021, 403, 126192.	2.2	1
31	Approximation by quasi-interpolation operators and Smolyak's algorithm. Journal of Complexity, 2021, , 101601.	1.3	1
32	Inequalities in Approximation Theory Involving Fractional Smoothness in L p, 0â€°<â€°pâ€°<â€°1. Applied and Numerical Harmonic Analysis, 2019, , 183-209.	0.3	1
33	Completeness of the trigonometric system for the classes Ï•(L). Mathematical Notes, 2007, 81, 632-637.	0.4	0
34	On the representation of functions as Fourier integrals. Mathematical Notes, 2013, 93, 561-570.	0.4	0