

# Yurii Kolomoitsev

## List of Publications by Year in descending order

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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	Uniform approximation by multivariate quasi-projection operators. <i>Analysis and Mathematical Physics</i> , 2022, 12, 1.	1.3	3
2	Quasi-projection operators in weighted L spaces. <i>Applied and Computational Harmonic Analysis</i> , 2021, 52, 165-197.	2.2	10
3	Hardy's Littlewood and Ulyanov inequalities. <i>Memoirs of the American Mathematical Society</i> , 2021, 271, .	0.9	5
4	Approximation by multivariate quasi-projection operators and Fourier multipliers. <i>Applied Mathematics and Computation</i> , 2021, 400, 125955.	2.2	6
5	Asymptotics of the Lebesgue constants for bivariate approximation processes. <i>Applied Mathematics and Computation</i> , 2021, 403, 126192.	2.2	1
6	Approximation by quasi-interpolation operators and Smolyak's algorithm. <i>Journal of Complexity</i> , 2021, , 101601.	1.3	1
7	Approximation properties of periodic multivariate quasi-interpolation operators. <i>Journal of Approximation Theory</i> , 2021, 270, 105631.	0.8	5
8	Approximation by sampling-type operators in $L_p$ spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 9358-9374.	2.3	10
9	Properties of moduli of smoothness in $L_p$ spaces. <i>Journal of Approximation Theory</i> , 2020, 257, 105423.	0.3	1
10	Approximation by periodic multivariate quasi-projection operators. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 489, 124192.	1.0	4
11	Smoothness of functions versus smoothness of approximation processes. <i>Bulletin of Mathematical Sciences</i> , 2020, 10, 2030002.	0.7	2
12	Inequalities in Approximation Theory Involving Fractional Smoothness in $L_p$ , $0 < p < 1$ . <i>Applied and Numerical Harmonic Analysis</i> , 2019, , 183-209.	0.3	1
13	On the growth of Lebesgue constants for convex polyhedra. <i>Transactions of the American Mathematical Society</i> , 2018, 370, 6909-6932.	0.9	6
14	Best approximations and moduli of smoothness of functions and their derivatives in $L_p$ , $0 < p < 1$ . <i>Journal of Approximation Theory</i> , 2018, 232, 12-42.	0.8	4
15	On the growth of Lebesgue constants for bivariate polynomial interpolation on the square. <i>Journal of Approximation Theory</i> , 2018, 229, 13-35.	0.8	3
16	Differential and Falsified Sampling Expansions. <i>Journal of Fourier Analysis and Applications</i> , 2018, 24, 1276-1305.	1.0	18
17	Lebesgue constants for polyhedral sets and polynomial interpolation on Lissajous-Chebyshev nodes. <i>Journal of Complexity</i> , 2017, 43, 1-27.	1.3	6
18	Around Kotelnikov-Shannon formula. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	On moduli of smoothness and averaged differences of fractional order. <i>Fractional Calculus and Applied Analysis</i> , 2017, 20, 988-1009.	2.2	7
20	On weighted conditions for the absolute convergence of Fourier integrals. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 456, 163-176.	1.0	2
21	Approximation by multivariate Kantorovich-Kotelnikov operators. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 456, 195-213.	1.0	30
22	On approximation of functions by algebraic polynomials in Hölder spaces. <i>Mathematische Nachrichten</i> , 2016, 289, 2037-2057.	0.8	2
23	Inequalities for the Fractional Derivatives of Trigonometric Polynomials in Spaces with Integral Metrics. <i>Ukrainian Mathematical Journal</i> , 2015, 67, 45-61.	0.5	1
24	Sharp estimates of approximation of periodic functions in Hölder spaces. <i>Journal of Approximation Theory</i> , 2015, 200, 68-91.	0.8	6
25	Multiplicative sufficient conditions for Fourier multipliers. <i>Izvestiya Mathematics</i> , 2014, 78, 354-374.	0.6	10
26	On the representation of functions as Fourier integrals. <i>Mathematical Notes</i> , 2013, 93, 561-570.	0.4	0
27	Generalization of One Sufficient Condition for Fourier Multipliers. <i>Ukrainian Mathematical Journal</i> , 2013, 64, 1562-1571.	0.5	7
28	On the nonclassical approximation method for periodic functions by trigonometric polynomials. <i>Journal of Mathematical Sciences</i> , 2013, 188, 113-127.	0.4	6
29	Absolute convergence of multiple Fourier integrals. <i>Studia Mathematica</i> , 2013, 214, 17-35.	0.7	3
30	Approximation properties of generalized Bochner-Riesz means in the Hardy spaces $H_p$ , $0 < p \leq 1$ . <i>Sbornik Mathematics</i> , 2012, 203, 1151-1168.	0.6	3
31	On moduli of smoothness and K-functionals of fractional order in the Hardy spaces. <i>Journal of Mathematical Sciences</i> , 2012, 181, 78-97.	0.4	6
32	On approximation of functions by trigonometric polynomials with incomplete spectrum in $L_p$ , $0 < p < 1$ . <i>Journal of Mathematical Sciences</i> , 2010, 165, 463-472.	0.4	1
33	Completeness of the trigonometric system for the classes $\check{L}(L)$ . <i>Mathematical Notes</i> , 2007, 81, 632-637.	0.4	0
34	On moduli of smoothness and Fourier multipliers in $L_p$ , $0 < p < 1$ . <i>Ukrainian Mathematical Journal</i> , 2007, 59, 1364-1384.	0.5	6