

Mykola Pratsiovytyi

List of Publications by Year in descending order

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28
papers

188
citations

1307594

7
h-index

1125743

13
g-index

28
all docs

28
docs citations

28
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractal probability distributions and transformations preserving the Hausdorff-Besicovitch dimension. Ergodic Theory and Dynamical Systems, 2004, 24, 1-16.	0.6	40
2	Topological and fractal properties of real numbers which are not normal. Bulletin Des Sciences Mathematiques, 2005, 129, 615-630.	1.0	40
3	Fractal properties of functions defined in terms of Q-representation. International Journal of Mathematical Analysis, 0, 7, 3155-3167.	0.3	15
4	Spectral Properties of Image Measures Under the Infinite Conflict Interaction. Positivity, 2006, 10, 39-49.	0.7	9
5	Convolutions of distributions of random variables with independent binary digits. Random Operators and Stochastic Equations, 2007, 15, 89-104.	0.1	9
6	A 2-continued fraction representation of real numbers and its geometry. Ukrainian Mathematical Journal, 2009, 61, 541-555.	0.5	9
7	Self-Affine Singular and Nowhere Monotone Functions Related to the Q-Representation of Real Numbers. Ukrainian Mathematical Journal, 2013, 65, 448-462.	0.5	8
8	Topological and metric properties of distributions of random variables represented by the alternating L ¹ / ₄ roth series with independent elements. Random Operators and Stochastic Equations, 2013, 21, .	0.1	8
9	Spread of Values of a Cantor-Type Fractal Continuous Nonmonotone Function. Journal of Mathematical Sciences, 2019, 240, 342-357.	0.4	6
10	Continuous distributions whose functions preserve tails of an α -continued fraction representation of numbers. Random Operators and Stochastic Equations, 2019, 27, 199-206.	0.1	6
11	Properties and distributions of values of fractal functions related to $\{Q_2\}$ -representations of real numbers. Theory of Probability and Mathematical Statistics, 2020, 99, 211-228.	0.5	5
12	Jessen's Wintner type random variables and fractal properties of their distributions. Mathematische Nachrichten, 2006, 279, 1619-1633.	0.8	4
13	Transformations preserving the Hausdorff-Besicovitch dimension. Central European Journal of Mathematics, 2008, 6, 119-128.	0.7	4
14	Properties of the distribution of the random variable defined by A 2-continued fraction with independent elements. Random Operators and Stochastic Equations, 2009, 17, .	0.1	4
15	On singularity and fine spectral structure of random continued fractions. Mathematische Nachrichten, 2015, 288, 1803-1813.	0.8	4
16	The Ostrogradsky series and related Cantor-like sets. Acta Arithmetica, 2007, 130, 215-230.	0.4	4
17	Continuous Nowhere Differentiable Function with Fractal Properties Defined in Terms of Q ₂ -Representation. Journal of Mathematical Sciences, 2021, 258, 670-697.	0.4	4
18	Superfractality of the Set of Incomplete Sums of One Positive Series. Ukrainian Mathematical Journal, 2019, 70, 1619-1634.	0.5	3

#	ARTICLE	IF	CITATIONS
19	On classification of singular measures and fractal properties of quasi-self-affine measures in \mathbb{R}^2 . Random Operators and Stochastic Equations, 2008, 16, .	0.1	2
20	Distribution of values of classic singular Cantor function of random argument. Random Operators and Stochastic Equations, 2018, 26, 193-200.	0.1	2
21	Lebesgue structure of asymmetric Bernoulli convolution based on Jacobsthal's Lucas sequence. Random Operators and Stochastic Equations, 2020, 28, 123-130.	0.1	2
22	Distribution of random variable represented by binary fraction with two redundant digits 2 and 3 having the same distribution. Random Operators and Stochastic Equations, 2013, 21, .	0.1	0
23	Characterization theorems for customer equivalent utility insurance premium calculation principle. European Actuarial Journal, 2014, 4, 437-451.	1.1	0
24	Frequency of a Digit in the Representation of a Number and the Asymptotic Mean Value of the Digits. Ukrainian Mathematical Journal, 2014, 66, 336-346.	0.5	0
25	Distribution of Random Variable Represented by a Binary Fraction with Three Identically Distributed Redundant Digits. Ukrainian Mathematical Journal, 2014, 66, 86-98.	0.5	0
26	Probability measures on fractal curves (probability distributions on the Vicsek fractal). Random Operators and Stochastic Equations, 2015, 23, .	0.1	0
27	Limit behavior of the Esscher premium. Random Operators and Stochastic Equations, 2016, 24, .	0.1	0
28	On One Class of Singular Nowhere Monotone Functions. Journal of Mathematical Sciences, 2022, 263, 268-281.	0.4	0