

# Natalia Smorodina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7336262/publications.pdf>

Version: 2024-02-01

15  
papers

58  
citations

1684188  
5  
h-index

1588992  
8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

11  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limit Theorems on Convergence of Expectations of Functionals of Sums of Independent Random Variables to Solutions of Initial-Boundary Value Problems. Theory of Probability and Its Applications, 2015, 59, 244-259.	0.3	0
2	Limit theorems for symmetric random walks and probabilistic approximation of the Cauchy problem solution for Schrödinger type evolution equations. Stochastic Processes and Their Applications, 2015, 125, 4455-4472.	0.9	3
3	A Limit Theorem on the Convergence of Random Walk Functionals to a Solution of the Cauchy Problem for the Equation $\hat{u} = \hat{u}, t = \int_0^t \int_0^t u \frac{\partial u}{\partial t} = \sigma^2 \Delta u$ with Complex $\int$ . Journal of Mathematical Sciences, 2015, 206, 171-180.	0.4	8
4	A complex analogue of the central limit theorem and a probabilistic approximation of the Feynman integral. Doklady Mathematics, 2014, 90, 724-726.	0.6	9
5	Nonsingular Transformations of Symmetric Lévy Processes. Journal of Mathematical Sciences, 2014, 199, 123-129.	0.4	0
6	The Probabilistic Approach to Solution of the String Wave Equation. Journal of Mathematical Sciences, 2014, 199, 228-235.	0.4	1
7	On a Probabilistic Method of Solving a One-Dimensional Initial-Boundary Value Problem. Theory of Probability and Its Applications, 2014, 58, 242-263.	0.3	2
8	Probabilistic approximation of solutions of the cauchy problem for some evolution equations. Journal of Mathematical Sciences, 2013, 188, 700-716.	0.4	5
9	Probabilistic representation of solutions for a class of evolution equations. Journal of Mathematical Sciences, 2011, 176, 239-254.	0.4	1
10	The Lévy-Khinchin Representation of the One Class of Signed Stable Measures and Some Its Applications. Acta Applicandae Mathematicae, 2010, 110, 1289-1308.	1.0	15
11	Theorems on convergence of stochastic integrals distributions to signed measures and local limit theorems for large deviations. Journal of Mathematical Sciences, 2010, 167, 550-565.	0.4	3
12	A Distributional Approach to Multiple Stochastic Integrals and Transformations of the Poisson Measure, II. Acta Applicandae Mathematicae, 2008, 102, 319-343.	1.0	3
13	The Invariant and Quasi-invariant Transformations of the Stable Lévy Processes. Acta Applicandae Mathematicae, 2007, 97, 239-250.	1.0	0
14	A Distributional Approach to Multiple Stochastic Integrals and Transformations of the Poisson Measure. Acta Applicandae Mathematicae, 2006, 94, 1-19.	1.0	7
15	The absolute continuity of distributions of functionals of diffusion processes. Russian Mathematical Surveys, 1982, 37, 205-213.	0.6	1