

Marek BoÅ¼ejko

List of Publications by Year in descending order

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27
papers

1,040
citations

623734

14
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580821

25
g-index

27
all docs

27
docs citations

27
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	An example of a generalized Brownian motion. Communications in Mathematical Physics, 1991, 137, 519-531.	2.2	251
2	Completely positive maps on Coxeter groups, deformed commutation relations, and operator spaces. Mathematische Annalen, 1994, 300, 97-120.	1.4	135
3	Interacting Fock Spaces and Gaussianization of Probability Measures. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 1998, 01, 663-670.	0.5	127
4	Convolution and limit theorems for conditionally free random variables. Pacific Journal of Mathematics, 1996, 175, 357-388.	0.5	115
5	On a class of free Lévy laws related to a regression problem. Journal of Functional Analysis, 2006, 236, 59-77.	1.4	75
6	Interpolations between bosonic and fermionic relations given by generalized brownian motions. Mathematische Zeitschrift, 1996, 222, 135-160.	0.9	57
7	Positive-definite kernels, length functions on groups and a noncommutative von Neumann inequality. Studia Mathematica, 1989, 95, 107-118.	0.7	37
8	The normal distribution is α -infinitely divisible. Advances in Mathematics, 2011, 226, 3677-3698.	1.1	31
9	ULTRACONTRACTIVITY AND STRONG SOBOLEV INEQUALITY FOR q -ORNSTEIN-UHLENBECK SEMIGROUP $(-1 < q) \leq 1$. $T_{1,1} \leq 0.7843$	0.5	29
10	Meixner Class of Non-Commutative Generalized Stochastic Processes with Freely Independent Values I. A Characterization. Communications in Mathematical Physics, 2009, 292, 99-129.	2.2	25
11	New Examples of Convolutions and Non-Commutative Central Limit Theorems. Banach Center Publications, 1998, 43, 95-103.	0.1	23
12	Noncommutative Lévy Processes for Generalized (Particularly Anyon) Statistics. Communications in Mathematical Physics, 2012, 313, 535-569.	2.2	18
13	On $\hat{\nu}(p)$ Sets with Minimal Constant in Discrete Noncommutative Groups. Proceedings of the American Mathematical Society, 1975, 51, 407.	0.8	16
14	Noncommutative probability of type D. International Journal of Mathematics, 2017, 28, 1750010.	0.5	14
15	Fock space associated to Coxeter groups of type B. Journal of Functional Analysis, 2015, 269, 1769-1795.	1.4	13
16	Meixner Class of Non-commutative Generalized Stochastic Processes with Freely Independent Values II. The Generating Function. Communications in Mathematical Physics, 2011, 302, 425-451.	2.2	11
17	AN EXAMPLE OF A GENERALIZED BROWNIAN MOTION II. QP-PQ, Quantum Probability and White Noise Analysis, 1992, , 67-77.	0.1	10
18	GENERATING FUNCTIONS OF CAUCHY-STIELTJES TYPE FOR ORTHOGONAL POLYNOMIALS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2009, 12, 91-98.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Interpolations between bosonic and fermionic relations given by generalized Brownian motions. <i>Mathematische Zeitschrift</i> , 1996, 222, 135-159.	0.9	8
20	A QUADRATIC REGRESSION PROBLEM FOR TWO-STATE ALGEBRAS WITH AN APPLICATION TO THE CENTRAL LIMIT THEOREM. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2009, 12, 231-249.	0.5	7
21	Positive Definite Functions on Coxeter Groups with Applications to Operator Spaces and Noncommutative Probability. <i>Communications in Mathematical Physics</i> , 2018, 361, 583-604.	2.2	6
22	BESSIS-MOUSSA-VILLANI CONJECTURE AND GENERALIZED GAUSSIAN RANDOM VARIABLES. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2008, 11, 313-321.	0.5	5
23	Deformed Fock spaces, Hecke operators and monotone Fock space of Muraki. <i>Demonstratio Mathematica</i> , 2012, 45, .	1.5	5
24	Fock representations of Q-deformed commutation relations. <i>Journal of Mathematical Physics</i> , 2017, 58, 073501.	1.1	5
25	Radial Bargmann representation for the Fock space of type B. <i>Journal of Mathematical Physics</i> , 2016, 57, .	1.1	4
26	Algebraic length and Poincaré series on reflection groups with applications to representations theory. , 2003, , 201-221.		4
27	Generalized Gaussian processes and relations with random matrices and positive definite functions on permutation groups. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2015, 18, 1550020.	0.5	0