

christophe Vignat

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

209
citations

1307594

7
h-index

1058476

14
g-index

30
all docs

30
docs citations

30
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Some extensions of the uncertainty principle. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 4800-4808.	2.6	67
2	A unified framework for gradient algorithms used for filter adaptation and neural network training. <i>International Journal of Circuit Theory and Applications</i> , 1992, 20, 159-200.	2.0	20
3	Linearization Coefficients of Bessel Polynomials and Properties of Student t-Distributions. <i>Constructive Approximation</i> , 2008, 27, 15-32.	3.0	17
4	General convolution identities for Bernoulli and Euler polynomials. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 435, 1478-1498.	1.0	16
5	Quantum potentials with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si27.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Gaussian ground states. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 1068-1073.	2.6	15
6	Diversity-Multiplexing Tradeoff for the MIMO Static Half-Duplex Relay. <i>IEEE Transactions on Information Theory</i> , 2010, 56, 3356-3368.	2.4	13
7	On polynomials connected to powers of Bessel functions. <i>International Journal of Number Theory</i> , 2014, 10, 1245-1257.	0.5	9
8	The Zagier modification of Bernoulli numbers and a polynomial extension. Part I. <i>Ramanujan Journal</i> , 2014, 33, 379-422.	0.7	7
9	A series involving Catalan numbers: Proofs and demonstrations. <i>Elemente Der Mathematik</i> , 2016, 71, 109-121.	0.1	7
10	Identities for generalized Euler polynomials. <i>Integral Transforms and Special Functions</i> , 2014, 25, 777-789.	1.2	5
11	A note on bounded entropies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 365, 50-56.	2.6	4
12	Recursion rules for the hypergeometric zeta function. <i>International Journal of Number Theory</i> , 2014, 10, 1761-1782.	0.5	4
13	A probabilistic approach to some binomial identities. <i>Elemente Der Mathematik</i> , 2015, 70, 55-66.	0.1	3
14	A symbolic approach to some identities for Bernoulli-Barnes polynomials. <i>International Journal of Number Theory</i> , 2016, 12, 649-662.	0.5	3
15	Identities for Bernoulli polynomials related to multiple Tornheim zeta functions. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 476, 569-584.	1.0	3
16	Multiple zeta values for classical special functions. <i>Ramanujan Journal</i> , 2020, 51, 519-551.	0.7	3
17	Derivation of an integral of Boros and Moll via convolution of Student t-densities. <i>Ramanujan Journal</i> , 2012, 27, 147-150.	0.7	2
18	From sequences to polynomials and back, via operator orderings. <i>Journal of Mathematical Physics</i> , 2013, 54, 123502.	1.1	2

#	ARTICLE	IF	CITATIONS
19	A symbolic approach to multiple zeta values at negative integers. <i>Journal of Symbolic Computation</i> , 2018, 84, 1-13.	0.8	2
20	Taylor coefficients of the Jacobi $\hat{\zeta}_3(q)$ function. <i>Journal of Number Theory</i> , 2020, 216, 280-306.	0.4	2
21	The Zagier polynomials. Part II: Arithmetic properties of coefficients. <i>Ramanujan Journal</i> , 2014, 35, 361-390.	0.7	1
22	Euler polynomials and identities for non-commutative operators. <i>Journal of Mathematical Physics</i> , 2015, 56, 123506.	1.1	1
23	Modified Nörlund polynomials. <i>Ramanujan Journal</i> , 2017, 42, 69-96.	0.7	1
24	Finite generating functions for the sum-of-digits sequence. <i>Ramanujan Journal</i> , 2019, 50, 639-684.	0.7	1
25	Structural properties of multiple zeta values. <i>International Journal of Number Theory</i> , 2021, 17, 1873-1897.	0.5	1
26	Stability of families of probability distributions under reduction of the number of degrees of freedom. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 350, 296-302.	2.6	0
27	Euler and the Strong Law of Small Numbers. <i>American Mathematical Monthly</i> , 2016, 123, 486.	0.3	0
28	Analytic continuation for multiple zeta values using symbolic representations. <i>International Journal of Number Theory</i> , 2020, 16, 579-602.	0.5	0
29	Nonconventional limits of random sequences related to partitions of integers. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 1791-1804.	0.8	0
30	A triple integral analog of a multiple zeta value. <i>International Journal of Number Theory</i> , 2021, 17, 223-237.	0.5	0