JosÃ© A Adell

List of Publications by Year
in descending order

41 papers	242 citations	1040056 9 h-index	1058476 14 g-index
42 all docs	42 docs citations	42 times ranked	96 citing authors

#	Article	IF	Citations
1	Sharp Bounds on the Entropy of the Poisson Law and Related Quantities. IEEE Transactions on Information Theory, 2010, 56, 2299-2306.	2.4	29
2	Best Constants in Preservation Inequalities Concerning the First Modulus and Lipschitz Classes for Bernstein-Type Operators. Journal of Approximation Theory, 1998, 93, 128-139.	0.8	21
3	Estimates for the moments of Bernstein polynomials. Journal of Mathematical Analysis and Applications, 2015, 432, 114-128.	1.0	14
4	Sharp estimates for the median of the distribution. Statistics and Probability Letters, 2005, 71, 185-191.	0.7	13
5	Asymptotic estimates for Stieltjes constants: a probabilistic approach. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 954-963.	2.1	12
6	Taylor's formula and preservation of generalized convexity for positive linear operators. Journal of Applied Probability, 2000, 37, 765-777.	0.7	12
7	Dirichlet's eta and beta functions: Concavity and fast computation of their derivatives. Journal of Number Theory, 2015, 157, 215-222.	0.4	10
8	Sharp upper and lower bounds for the moments of Bernstein polynomials. Applied Mathematics and Computation, 2015, 265, 723-732.	2.2	10
9	Binomial convolution and transformations of Appell polynomials. Journal of Mathematical Analysis and Applications, 2017, 456, 16-33.	1.0	10
10	Taylor's formula and preservation of generalized convexity for positive linear operators. Journal of Applied Probability, 2000, 37, 765-777.	0.7	9
11	On the complete monotonicity of aÂRamanujan sequence connected withÂe n. Ramanujan Journal, 2008, 16, 1-5.	0.7	9
12	Fast computation of the Stieltjes constants. Mathematics of Computation, 2017, 86, 2479-2492.	2.1	9
13	Stochastic orders in preservation properties by Bernstein-type operators. Advances in Applied Probability, 1999, 31, 492-509.	0.7	9
14	Signed binomial approximation of binomial mixtures via differential calculus for linear operators. Journal of Statistical Planning and Inference, 2008, 138, 3687-3695.	0.6	7
15	Estimates of generalized Stieltjes constants with a quasi-geometric rate of decay. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 1356-1370.	2.1	7
16	Differential calculus for linear operators represented by finite signed measures and applications. Acta Mathematica Hungarica, 2013, 138, 44-82.	0.5	7
17	Quantitative generalized Voronovskajaâ€™s formulae for Bernstein polynomials. Journal of Approximation Theory, 2018, 231, 41-52.	0.8	6
18	The norm of the Riemann-Liouville operator on L p [0,1]: a probabilistic approach. Bulletin of the London Mathematical Society, 2007, 39, 565-574.	0.8	5

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19	Inequalities for the median of the gamma distribution. Journal of Computational and Applied Mathematics, 2009, 232, 481-495.	2.0	5
20	A probabilistic generalization of the Stirling numbers of the second kind. Journal of Number Theory, 2019, 194, 335-355.	0.4	5
21	Shortening the distance between Edgeworth and Berryâ€“Esseen in the classical case. Journal of Statistical Planning and Inference, 2008, 138, 1167-1178.	0.6	4
22	Explicit expressions and integral representations for the Stirling numbers. A probabilistic approach. Advances in Difference Equations, 2019, 2019, .	3.5	4
23	Rates of convergence for the iterates of CesÃro operators. Proceedings of the American Mathematical Society, 2010, 138, 1011-1021.	0.8	3
24	Note on two extensions of the classical formula for sums of powers on arithmetic progressions. Advances in Difference Equations, 2017, 2017, .	3.5	3
25	Closed form expressions for Appell polynomials. Ramanujan Journal, 2019, 49, 567-583.	0.7	3
26	Probabilistic Stirling Numbers of the Second Kind and Applications. Journal of Theoretical Probability, 2022, 35, 636-652.	0.8	3
27	Stochastic Bernstein polynomials: uniform convergence in probability with rates. Advances in Computational Mathematics, 2020, 46, 1.	1.6	3
28	Rational approximation to Eulerâ€™s constant at a geometric rate of convergence. Mathematics of Computation, 2020, 89, 2553-2561.	2.1	2
29	Exact values and sharp estimates for the total variation distance between binomial and Poisson distributions. Advances in Applied Probability, 2008, 40, 1033-1047.	0.7	2
30	Best constants in preservation of global smoothness for SzÃ¡szâ€“Mirakyan operators. Journal of Mathematical Analysis and Applications, 2008, 338, 753-757.	1.0	1
31	Exact values and sharp estimates for the total variation distance between binomial and Poisson distributions. Advances in Applied Probability, 2008, 40, 1033-1047.	0.7	1
32	On a function studied by Ramanujan and connected with discrete mixtures of gamma densities. Ramanujan Journal, 2009, 20, 127-151.	0.7	1
33	Acceleration Methods for Series: A Probabilistic Perspective. Mediterranean Journal of Mathematics, 2016, 13, 5063-5076.	0.8	1
34	Binomial Identities and Moments of Random Variables. American Mathematical Monthly, 2018, 125, 365-369.	0.3	1
35	A Unified Approach to Higher Order Convolutions Within a Certain Subset of Appell Polynomials. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	1
36	Monotone and fast computation of Eulerâ€™s constant. Journal of Inequalities and Applications, 2017, 2017, 224.	1.1	0

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37	On the 10th Central Moment of the Bernstein Polynomials. Results in Mathematics, 2019, 74, 1.	0.8	0
38	Explicit Expressions for Higher Order Binomial Convolutions of Numerical Sequences. Results in Mathematics, 2019, 74, 1.	0.8	0
39	On the Uniqueness Conjecture for the Maximum Stirling Numbers of the Second Kind. Results in Mathematics, 2021, 76, 1.	0.8	0
40	On higher order generalized geometric polynomials with shifted parameters. Quaestiones Mathematicae, 2023, 46, 551-567.	0.6	0
41	Explicit estimates for Comtet numbers of the first kind. Journal of Computational and Applied Mathematics, 2022, 414, 114422.	2.0	0