Lidia FernÃ¡ndez

List of Publications by Year
in descending order

22	192	8	13
papers	citations	h-index	g-index

1163117

1125743

23	23	23	66
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quasi-birth-and-death processes and multivariate orthogonal polynomials. Journal of Mathematical Analysis and Applications, 2021, 499, 125029.	1.0	5
2	Darboux transformations from the Appell-Lauricella operator. Journal of Mathematical Analysis and Applications, 2020, 482, 123546.	1.0	1
3	Fourth order partial differential equations for Krall-type orthogonal polynomials on the triangle. Proceedings of the American Mathematical Society, 2018, 146, 3961-3974.	0.8	2
4	Sobolev orthogonal polynomials on the unit ball via outward normal derivatives. Journal of Mathematical Analysis and Applications, 2016, 440, 716-740.	1.0	9
5	Sobolev orthogonal polynomials on product domains. Journal of Computational and Applied Mathematics, 2015, 284, 202-215.	2.0	13
6	On the Uvarov Modification of Two Variable Orthogonal Polynomials on the Disk. Complex Analysis and Operator Theory, 2012, 6, 665-676.	0.6	6
7	On Koornwinder classical orthogonal polynomials in two variables. Journal of Computational and Applied Mathematics, 2012, 236, 3817-3826.	2.0	22
8	Orthogonal polynomials in two variables as solutions of higher order partial differential equations. Journal of Approximation Theory, 2011, 163, 84-97.	0.8	11
9	New steps on Sobolev orthogonality in two variables. Journal of Computational and Applied Mathematics, 2010, 235, 916-926.	2.0	7
10	Orthogonal polynomials in several variables for measures with mass points. Numerical Algorithms, 2010, 55, 245-264.	1.9	8
11	Krall-type orthogonal polynomials in several variables. Journal of Computational and Applied Mathematics, 2010, 233, 1519-1524.	2.0	14
12	A matrix Rodrigues formula for classical orthogonal polynomials in two variables. Journal of Approximation Theory, 2009, 157, 32-52.	0.8	7
13	Bivariate orthogonal polynomials in the Lyskova class. Journal of Computational and Applied Mathematics, 2009, 233, 597-601.	2.0	5
14	A semiclassical perspective on multivariate orthogonal polynomials. Journal of Computational and Applied Mathematics, 2008, 214, 447-456.	2.0	6
15	Methods for the rapid solution of the pricing PIDEs in exponential and Merton models. Journal of Computational and Applied Mathematics, 2008, 222, 128-143.	2.0	10
16	Second order partial differential equations for gradients of orthogonal polynomials in two variables. Journal of Computational and Applied Mathematics, 2007, 199, 113-121.	2.0	11
17	Semiclassical orthogonal polynomials in two variables. Journal of Computational and Applied Mathematics, 2007, 207, 323-330.	2.0	8
18	On differential properties for bivariate orthogonal polynomials. Numerical Algorithms, 2007, 45, 153-166.	1.9	1

#	Article	IF	Citations
19	Weak classical orthogonal polynomials in two variables. Journal of Computational and Applied Mathematics, 2005, 178, 191-203.	2.0	18
20	Classical orthogonal polynomials in two variables: a matrix approach. Numerical Algorithms, 2005, 39, 131-142.	1.9	17
21	Cohomology of cofibred categorical groups. Journal of Pure and Applied Algebra, 1999, 143, 107-154.	0.6	7
22	Multivariate Orthogonal Polynomials and Modified Moment Functionals. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	2