

Francesco Dell'Accio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9517380/publications.pdf>

Version: 2024-02-01

41
papers

425
citations

623734

14
h-index

794594

19
g-index

43
all docs

43
docs citations

43
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
19	Relation between grid, channel, and Peano networks in high-resolution digital elevation models. <i>Water Resources Research</i> , 2016, 52, 3527-3546.	4.2	11
20	On the approximation order of triangular Shepard interpolation. <i>IMA Journal of Numerical Analysis</i> , 2016, 36, 1-15.	2.9	10
21	Bivariate Shepard-Bernoulli operators. <i>Mathematics and Computers in Simulation</i> , 2017, 141, 65-82.	4.4	7
22	Fast and accurate scattered Hermite interpolation by triangular Shepard operators. <i>Journal of Computational and Applied Mathematics</i> , 2021, 382, 113092.	2.0	7
23	Reconstruction of a function from Hermite-Birkhoff data. <i>Applied Mathematics and Computation</i> , 2018, 318, 51-69.	2.2	6
24	On the numerical computation of bivariate Lagrange polynomials. <i>Applied Mathematics Letters</i> , 2021, 112, 106845.	2.7	6
25	Generalizations of the constrained mock-Chebyshev least squares in two variables: Tensor product vs total degree polynomial interpolation. <i>Applied Mathematics Letters</i> , 2022, 125, 107732.	2.7	6
26	New embedded boundary-type quadrature formulas for the simplex. <i>Numerical Algorithms</i> , 2007, 45, 253-267.	1.9	5
27	Numerical differentiation on scattered data through multivariate polynomial interpolation. <i>BIT Numerical Mathematics</i> , 2022, 62, 773-801.	2.0	5
28	Rational Hermite interpolation on six-tuples and scattered data. <i>Applied Mathematics and Computation</i> , 2020, 386, 125452.	2.2	3
29	A counterexample to a conjecture related to the Jacobian problem. <i>Mathematical Notes</i> , 1995, 58, 989-992.	0.4	1
30	On the nonsingularity of a special class of centrosymmetric matrices arising in spectral methods in BVPs. <i>Applied Mathematics and Computation</i> , 2008, 206, 991-993.	2.2	1
31	On the enhancement of the approximation order of triangular Shepard method. <i>AIP Conference Proceedings</i> , 2016, 1689, 1-5.	0.4	1
32	Preface: The 2nd International Conference "Numerical Computations: Theory and Algorithms" (NUMTA) 2016. <i>AIP Conference Proceedings</i> , 2016, 1689, 1-5.	0.4	1
33	Interpolation by Bivariate Quadratic Polynomials and Applications to the Scattered Data Interpolation Problem. <i>Lecture Notes in Computer Science</i> , 2020, 12088, 35-46.	1.3	1
34	A Parallel Implementation of the Triangular Shepard Interpolation Method. <i>Mathematics</i> , 2022, 10, 1-10.		1
35	Publisher's Note: Approximations on the Peano river network: Application of the Horton-Strahler hierarchy to the case of low connections [<i>Phys. Rev. E</i> 79, 026108 (2009)]. <i>Physical Review E</i> , 2009, 79, 026108.	2.1	0
36	The numerical calculation of topological turning points. <i>International Journal of Computer Mathematics</i> , 2011, 88, 3069-3085.	1.8	0

#	ARTICLE	IF	CITATIONS
37	Multinode rational operators for univariate interpolation. AIP Conference Proceedings, 2016, , .	0.4	0
38	Special issue on New Trends in Numerical Analysis: Theory, Methods, Algorithms and Applications (NETNA2015). Applied Numerical Mathematics, 2017, 116, 1.	2.1	0
39	Prediction of an Industrial Kneading Process via the Adjustment Curve. Studies in Classification, Data Analysis, and Knowledge Organization, 2011, , 347-355.	0.2	0
40	Comparison of Shepard's Like Methods with Different Basis Functions. Lecture Notes in Computer Science, 2020, , 47-55.	1.3	0
41	A 3D Efficient Procedure for Shepard Interpolants on Tetrahedra. Lecture Notes in Computer Science, 2020, , 27-34.	1.3	0