

Cristina Jordan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2207006/publications.pdf>

Version: 2024-02-01

29
papers

150
citations

1162367

8
h-index

1281420

11
g-index

29
all docs

29
docs citations

29
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	A Game for Learning How to Model in Graph Theory. Mathematics, 2022, 10, 1969.	1.1	0
2	Design, Convergence and Stability of a Fourth-Order Class of Iterative Methods for Solving Nonlinear Vectorial Problems. Fractal and Fractional, 2021, 5, 125.	1.6	3
3	The STEM Methodology and Graph Theory: Some Practical Examples. Mathematics, 2021, 9, 3110.	1.1	3
4	Graphs based methods for simultaneous smoothing and sharpening. MethodsX, 2020, 7, 100819.	0.7	1
5	A New Class of Iterative Processes for Solving Nonlinear Systems by Using One Divided Differences Operator. Mathematics, 2019, 7, 776.	1.1	7
6	3D visualization through the Hologram for the Learning of Area and Volume Concepts. Mathematics, 2019, 7, 247.	1.1	10
7	Graph-based methods for simultaneous smoothing and sharpening of color images. Journal of Computational and Applied Mathematics, 2019, 350, 380-395.	1.1	4
8	Highly efficient iterative algorithms for solving nonlinear systems with arbitrary order of convergence $p < \frac{1}{3}$, $p < \frac{1}{5}$.	1.1	7
9	A model based on local graphs for colour images and its application for Gaussian noise smoothing. Journal of Computational and Applied Mathematics, 2018, 330, 955-964.	1.1	14
10	A dynamical comparison between iterative methods with memory: Are the derivatives good for the memory?. Journal of Computational and Applied Mathematics, 2017, 318, 335-347.	1.1	1
11	Smoothing vs. sharpening of colour images: Together or separated. Applied Mathematics and Nonlinear Sciences, 2017, 2, 299-316.	0.9	14
12	An algorithm for self-organization of driverless vehicles of a car-rental service. Nonlinear Dynamics, 2016, 84, 107-114.	2.7	10
13	One-point Newton-type iterative methods: A unified point of view. Journal of Computational and Applied Mathematics, 2015, 275, 366-374.	1.1	10
14	Characterization of the Existence of an $N \times N$ -Completion of a Partial $N \times N$ -Matrix with an Associated Directed Cycle. Scientific World Journal, The, 2014, 2014, 1-5.	0.8	0
15	A Tree-Based Model for Setting Optimal Train Fare Zones. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	4
16	An Iterative Algorithm for the Management of an Electric Car-Rental Service. Journal of Applied Mathematics, 2014, 2014, 1-11.	0.4	12
17	Colour image smoothing through a soft-switching mechanism using a graph model. IET Image Processing, 2012, 6, 1293-1298.	1.4	6
18	The completable digraphs for the totally nonnegative completion problem. Linear Algebra and Its Applications, 2009, 430, 1675-1690.	0.4	3

#	ARTICLE	IF	CITATIONS
19	The number of viable ecological trophic networks. <i>Mathematical and Computer Modelling</i> , 2009, 50, 947-952.	2.0	0
20	completions on partial matrices. <i>Applied Mathematics and Computation</i> , 2009, 211, 303-312.	1.4	1
21	The totally positive completion problem. <i>Linear Algebra and Its Applications</i> , 2004, 393, 259-274.	0.4	11
22	Completions of partial P-matrices with acyclic or non-acyclic associated graph. <i>Linear Algebra and Its Applications</i> , 2003, 368, 25-51.	0.4	9
23	Inverse M-matrix completion problem with zeros in the inverse completion. <i>Applied Mathematics Letters</i> , 2002, 15, 677-684.	1.5	12
24	r-Numbers completion problems of partial upper canonical form I. <i>Applied Mathematics Letters</i> , 2002, 15, 685-691.	1.5	1
25	r-Numbers completion problems of partial upper canonical form II. <i>Applied Mathematics Letters</i> , 2002, 15, 885-891.	1.5	0
26	Graphs and controllability completion problems. <i>Linear Algebra and Its Applications</i> , 2001, 332-334, 355-370.	0.4	1
27	Controllability completion problems of partial upper triangular matrices \hat{A} . <i>Linear and Multilinear Algebra</i> , 2000, 47, 57-75.	0.5	2
28	On the jordan form of completions of partial upper triangular matrices. <i>Linear Algebra and Its Applications</i> , 1997, 254, 241-250.	0.4	3
29	Un problema a resolver con los algoritmos de caminos más cortos. <i>Modelling in Science Education and Learning</i> , 0, 4, 263.	0.1	1