

Andres Iglesias Prieto

List of Publications by Year in descending order

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199
papers

2,075
citations

279487

23
h-index

315357

38
g-index

217
all docs

217
docs citations

217
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle swarm optimization for non-uniform rational B-spline surface reconstruction from clouds of 3D data points. Information Sciences, 2012, 192, 174-192.	4.0	123
2	A new iterative mutually coupled hybrid GA+PSO approach for curve fitting in manufacturing. Applied Soft Computing Journal, 2013, 13, 1491-1504.	4.1	111
3	Efficient particle swarm optimization approach for data fitting with free knot $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si40.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -splines. CAD Computer Aided Design, 2011, 43, 1683-1692.	1.4	110
4	Iterative two-step genetic-algorithm-based method for efficient polynomial B-spline surface reconstruction. Information Sciences, 2012, 182, 56-76.	4.0	92
5	Functional networks for B-spline surface reconstruction. Future Generation Computer Systems, 2004, 20, 1337-1353.	4.9	71
6	Elitist clonal selection algorithm for optimal choice of free knots in B-spline data fitting. Applied Soft Computing Journal, 2015, 26, 90-106.	4.1	70
7	Make robots be bats: specializing robotic swarms to the Bat algorithm. Swarm and Evolutionary Computation, 2019, 44, 113-129.	4.5	62
8	Bézier Curve and Surface Fitting of 3D Point Clouds Through Genetic Algorithms, Functional Networks and Least-Squares Approximation. , 2007, , 680-693.		54
9	Firefly Algorithm for Explicit B-Spline Curve Fitting to Data Points. Mathematical Problems in Engineering, 2013, 2013, 1-12.	0.6	50
10	New memetic self-adaptive firefly algorithm for continuous optimisation. International Journal of Bio-Inspired Computation, 2016, 8, 300.	0.6	44
11	Extending Neural Networks for B-Spline Surface Reconstruction. Lecture Notes in Computer Science, 2002, , 305-314.	1.0	42
12	Some characterizations of families of surfaces using functional equations. ACM Transactions on Graphics, 1997, 16, 296-318.	4.9	38
13	Novelty search for global optimization. Applied Mathematics and Computation, 2019, 347, 865-881.	1.4	37
14	Particle Swarm Optimization for Bézier Surface Reconstruction. Lecture Notes in Computer Science, 2008, , 116-125.	1.0	35
15	Firefly Algorithm for Polynomial Bézier Surface Parameterization. Journal of Applied Mathematics, 2013, 2013, 1-9.	0.4	35
16	Computer graphics for water modeling and rendering: a survey. Future Generation Computer Systems, 2004, 20, 1355-1374.	4.9	32
17	Cuckoo Search with Lévy Flights for Weighted Bayesian Energy Functional Optimization in Global-Support Curve Data Fitting. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	30
18	Social distancing enhanced automated optimal design of physical spaces in the wake of the COVID-19 pandemic. Sustainable Cities and Society, 2021, 68, 102791.	5.1	30

#	ARTICLE	IF	CITATIONS
19	From Nonlinear Optimization to Convex Optimization through Firefly Algorithm and Indirect Approach with Applications to CAD/CAM. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	25
20	Particle swarm optimization for automatic creation of complex graphic characters. Chaos, Solitons and Fractals, 2015, 73, 29-35.	2.5	25
21	Cuckoo Search Algorithm with Lévy Flights for Global-Support Parametric Surface Approximation in Reverse Engineering. Symmetry, 2018, 10, 58.	1.1	25
22	Multilayer embedded bat algorithm for B-spline curve reconstruction. Integrated Computer-Aided Engineering, 2017, 24, 385-399.	2.5	24
23	A MULTIFRACTAL ANALYSIS OF IFSP INVARIANT MEASURES WITH APPLICATION TO FRACTAL IMAGE GENERATION. Fractals, 1996, 04, 17-27.	1.8	23
24	Mathematica package for analysis and control of chaos in nonlinear systems. Computers in Physics, 1998, 12, 608.	0.6	23
25	Discrete Bézier Curve Fitting with Artificial Immune Systems. Studies in Computational Intelligence, 2013, , 59-75.	0.7	21
26	Hybrid Functional-Neural Approach for Surface Reconstruction. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	21
27	New Goal Selection Scheme for Behavioral Animation of Intelligent Virtual Agents. IEICE Transactions on Information and Systems, 2005, E88-D, 865-871.	0.4	21
28	Logistic map driven by dichotomous noise. Physical Review E, 1993, 48, 2507-2513.	0.8	20
29	Wind farm repowering guided by visual impact criteria. Renewable Energy, 2019, 135, 197-207.	4.3	19
30	Helical Curves on Surfaces for Computer-Aided Geometric Design and Manufacturing. Lecture Notes in Computer Science, 2004, , 771-778.	1.0	18
31	Bat Algorithm for Coordinated Exploration in Swarm Robotics. Advances in Intelligent Systems and Computing, 2017, , 134-144.	0.5	18
32	SUPPRESSION OF CHAOS THROUGH CHANGES IN THE SYSTEM VARIABLES THROUGH POINCARÉ AND LORENZ RETURN MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 1351-1362.	0.7	16
33	Intelligent Agents in Virtual Worlds. , 0, , .		16
34	Simulated Annealing Algorithm for Bezier Curve Approximation. , 2014, , .		15
35	Bat Algorithm for Curve Parameterization in Data Fitting with Polynomial Bézier Curves. , 2015, , .		15
36	Particle-based meta-model for continuous breakpoint optimization in smooth local-support curve fitting. Applied Mathematics and Computation, 2016, 275, 195-212.	1.4	15

#	ARTICLE	IF	CITATIONS
37	Synchronizing chaotic systems with positive conditional Lyapunov exponents by using convex combinations of the drive and response systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 239, 174-180.	0.9	14
38	Applying functional networks to fit data points from B-spline surfaces. , 0, , .		14
39	Curve Fitting with RBS Functional Networks. , 2008, , .		14
40	Iterative sequential bat algorithm for free-form rational B-spline surface reconstruction. <i>International Journal of Bio-Inspired Computation</i> , 2018, 11, 1.	0.6	14
41	Stabilization of periodic and quasiperiodic motion in chaotic systems through changes in the system variables. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 190, 429-433.	0.9	13
42	Hybridization of Convergent Photogrammetry, Computer Vision, and Artificial Intelligence for Digital Documentation of Cultural Heritage - A Case Study: The Magdalena Palace. , 2014, , .		13
43	Differential Evolution for Association Rule Mining Using Categorical and Numerical Attributes. <i>Lecture Notes in Computer Science</i> , 2018, , 79-88.	1.0	13
44	Memetic improved cuckoo search algorithm for automatic B-spline border approximation of cutaneous melanoma from macroscopic medical images. <i>Advanced Engineering Informatics</i> , 2020, 43, 101005.	4.0	13
45	AI Framework for Decision Modeling in Behavioral Animation of Virtual Avatars. <i>Lecture Notes in Computer Science</i> , 2007, , 89-96.	1.0	13
46	Some applications of scalar and vector fields to geometric processing of surfaces. <i>Computers and Graphics</i> , 2005, 29, 719-725.	1.4	12
47	Immunological-based Approach for Accurate Fitting of 3D Noisy Data Points with B-spline Surfaces. <i>Procedia Computer Science</i> , 2013, 18, 50-59.	1.2	12
48	Computing parallel curves on parametric surfaces. <i>Applied Mathematical Modelling</i> , 2014, 38, 2398-2413.	2.2	12
49	Memetic firefly algorithm for data fitting with rational curves. , 2015, , .		11
50	Immunological Approach for Full NURBS Reconstruction of Outline Curves from Noisy Data Points in Medical Imaging. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 1929-1942.	1.9	11
51	On Selection of a Benchmark by Determining the Algorithms' Qualities. <i>IEEE Access</i> , 2021, 9, 51166-51178.	2.6	11
52	A New Differential Approach for Parametric-Implicit Surface Intersection. <i>Lecture Notes in Computer Science</i> , 2003, , 897-906.	1.0	11
53	Chaos suppression through changes in the system variables and numerical rounding errors. <i>Chaos, Solitons and Fractals</i> , 1996, 7, 1305-1316.	2.5	10
54	Hybridizing mesh adaptive search algorithm and artificial immune systems for discrete rational B-spline curve approximation. <i>Visual Computer</i> , 2016, 32, 393-402.	2.5	10

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55	Cuckoo search with Lévy flights for reconstruction of outline curves of computer fonts with rational Bézier curves. , 2016, , .		9
56	Global-Support Rational Curve Method for Data Approximation with Bat Algorithm. IFIP Advances in Information and Communication Technology, 2015, , 191-205.	0.5	9
57	Autonomous Coordinated Navigation of Virtual Swarm Bots in Dynamic Indoor Environments by Bat Algorithm. Lecture Notes in Computer Science, 2017, , 176-184.	1.0	9
58	Automatic calculation of bicycle routes by combining meta-heuristics and GIS techniques within the framework of smart cities. , 2013, , .		8
59	A Bio-inspired Approach for Collaborative Exploration with Mobile Battery Recharging in Swarm Robotics. Lecture Notes in Computer Science, 2018, , 75-87.	1.0	8
60	Hybrid Modified Firefly Algorithm for Border Detection of Skin Lesions in Medical Imaging. , 2019, , .		8
61	Revisiting Some Control Schemes for Chaotic Synchronization with Mathematica. Lecture Notes in Computer Science, 2005, , 651-658.	1.0	7
62	Symbolic/numeric analysis of chaotic synchronization with a CAS. Future Generation Computer Systems, 2007, 23, 727-733.	4.9	7
63	Memetic electromagnetism algorithm for surface reconstruction with rational bivariate Bernstein basis functions. Natural Computing, 2017, 16, 511-525.	1.8	7
64	Automatic Fitting of Feature Points for Border Detection of Skin Lesions in Medical Images with Bat Algorithm. Studies in Computational Intelligence, 2018, , 357-368.	0.7	7
65	Framework for Simulating the Human Behavior for Intelligent Virtual Agents. Part II: Behavioral System. Lecture Notes in Computer Science, 2004, , 237-244.	1.0	7
66	Suppression of chaos through changes in the system variables: transient chaos and crises. Physica D: Nonlinear Phenomena, 1994, 79, 164-173.	1.3	6
67	Analyzing the Synchronization of Chaotic Dynamical Systems with Mathematica: Part II. Lecture Notes in Computer Science, 2005, , 482-491.	1.0	6
68	Two Simulated Annealing Optimization Schemas for Rational Bézier Curve Fitting in the Presence of Noise. Mathematical Problems in Engineering, 2016, 2016, 1-17.	0.6	6
69	Modified OFS-RDS bat algorithm for IFS encoding of bitmap fractal binary images. Advanced Engineering Informatics, 2021, 47, 101222.	4.0	6
70	Matlab-Based Add-On for Generating and Rendering IFS Fractals. Communications in Computer and Information Science, 2009, , 334-341.	0.4	6
71	A New Framework for Intelligent Semantic Web Services Based on GAIVAs. International Journal of Information Technology and Web Engineering, 2008, 3, 30-58.	1.2	6
72	Framework for Simulating the Human Behavior for Intelligent Virtual Agents. Part I: Framework Architecture. Lecture Notes in Computer Science, 2004, , 229-236.	1.0	5

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73	Designing an Action Selection Engine for Behavioral Animation of Intelligent Virtual Agents. Lecture Notes in Computer Science, 2005, , 1157-1166.	1.0	5
74	New Matlab-Based KETpic Plug-In for High-Quality Drawing of Curves. , 2009, , .		5
75	Use of ImplicitPlot in Drawing Surfaces Embedded into LATEX Documents. , 2009, , .		5
76	Firefly Algorithm for Bezier Curve Approximation. , 2013, , .		5
77	Four Adaptive Memetic Bat Algorithm Schemes for B�zier Curve Parameterization. Lecture Notes in Computer Science, 2016, , 127-145.	1.0	5
78	Nature-Inspired Swarm Intelligence for Data Fitting in Reverse Engineering: Recent Advances and Future Trends. Studies in Computational Intelligence, 2016, , 151-175.	0.7	5
79	Bat Algorithm Swarm Robotics Approach for Dual Non-cooperative Search with Self-centered Mode. Lecture Notes in Computer Science, 2018, , 201-209.	1.0	5
80	Modified Memetic Self-Adaptive Firefly Algorithm for 2D Fractal Image Reconstruction. , 2018, , .		5
81	Cuckoo Search Algorithm for Border Reconstruction of Medical Images with Rational Curves. Lecture Notes in Computer Science, 2019, , 320-330.	1.0	5
82	Discovering dependencies among mined association rules with population-based metaheuristics. , 2019, , .		5
83	COEBA: A Coevolutionary Bat Algorithm for Discrete Evolutionary Multitasking. Lecture Notes in Computer Science, 2020, , 244-256.	1.0	5
84	Swarm robotics â€“ a case study: bat robotics. , 2020, , 273-302.		5
85	PDE-Based 3D Surface Reconstruction from Multi-View 2D Images. Mathematics, 2022, 10, 542.	1.1	5
86	Causal Network Models in Expert Systems. Computer-Aided Civil and Infrastructure Engineering, 1994, 9, 315-328.	6.3	4
87	A new based-on-artificial-intelligence framework for behavioral animation of virtual actors. , 0, , .		4
88	A bat algorithm for polynomial B�zier surface parameterization from clouds of irregularly sampled data points. , 2015, , .		4
89	Multiresolution Discrete Finite Difference Masks for Rapid Solution Approximation of the Poissonâ€™s Equation. , 2018, , .		4
90	Framework for planning the training sessions in triathlon. , 2018, , .		4

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91	Using Novelty Search in Differential Evolution. Communications in Computer and Information Science, 2018, , 534-542.	0.4	4
92	Return, Diversification and Risk in Cryptocurrency Portfolios using Deep Recurrent Neural Networks and Multi-Objective Evolutionary Algorithms. , 2019, , .		4
93	Combining bio-inspired meta-heuristics and novelty search for community detection over evolving graph streams. , 2019, , .		4
94	Swarm Intelligence Scheme for Pathfinding and Action Planning of Non-player Characters on a Last-Generation Video Game. Advances in Intelligent Systems and Computing, 2017, , 343-353.	0.5	4
95	NURBS functional network approach for automatic image segmentation of macroscopic medical images in melanoma detection. Journal of Computational Science, 2021, 56, 101481.	1.5	4
96	Visual cost of energy facilities: A comprehensive model and case study of offshore wind farms. Landscape and Urban Planning, 2022, 220, 104314.	3.4	4
97	A package for symbolic solution of real functional equations of real variables. Aequationes Mathematicae, 1997, 54, 181-198.	0.4	3
98	A New Scheme Based on Semiconductor Lasers with Phase-Conjugate Feedback for Cryptographic Communications. Lecture Notes in Computer Science, 2002, , 135-144.	1.0	3
99	Polar Isodistance Curves on Parametric Surfaces. Lecture Notes in Computer Science, 2002, , 161-170.	1.0	3
100	Matlab Toolbox for a First Computer Graphics Course for Engineers. Lecture Notes in Computer Science, 2004, , 641-650.	1.0	3
101	Effective BD-Binding Edutainment Approach for Powering Students' Engagement at University through Videogames and VR Technology. , 2008, , .		3
102	Implementation and Deployment of Geographical Information System Services in the Municipality of Santander. , 2011, , .		3
103	Applying Clonal Selection Theory to Data Fitting with Rational Bézier Curves. , 2014, , .		3
104	Modeling preference time in middle distance triathlons. , 2017, , .		3
105	Computational Intelligence CSA-based Approach for Machine-Driven Calculation of Outline Curves of Cutaneous Melanoma. , 2018, , .		3
106	Applying Firefly Algorithm to Data Fitting for the Van der Waals Equation of State with Bézier Curves. , 2019, , .		3
107	Evolutionary Behavioral Design of Non-Player Characters in a FPS Video Game Through Particle Swarm Optimization. , 2019, , .		3
108	Modified Bat Algorithm with Local Search for Fractal Image Compression of Bitmap Images. , 2019, , .		3

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109	State-of-the-Art in 3D Face Reconstruction from a Single RGB Image. Lecture Notes in Computer Science, 2021, , 31-44.	1.0	3
110	Animating Behavior of Virtual Agents: The Virtual Park. Lecture Notes in Computer Science, 2003, , 660-669.	1.0	3
111	An Introductory Computer Graphics Course in the Context of the European Space of Higher Education: A Curricular Approach. Lecture Notes in Computer Science, 2008, , 715-724.	1.0	3
112	dMFEA-II. , 2020, , .		3
113	A Mathematica Package for Solving and Displaying Inequalities. Lecture Notes in Computer Science, 2004, , 303-310.	1.0	2
114	Numerical-Symbolic Matlab Toolbox for Computer Graphics and Differential Geometry. Lecture Notes in Computer Science, 2005, , 502-511.	1.0	2
115	Representation and Analysis of a Dynamical System with Petri Nets. , 2007, , .		2
116	Interactive 3D Graphics Applications Embedded in Web Pages. , 2007, , .		2
117	An Electromagnetism-Based Global Optimization Approach for Polynomial Bezier Curve Parameterization of Noisy Data Points. , 2013, , .		2
118	Memetic Electromagnetism Algorithm for Finite Approximation with Rational Bézier Curves. Lecture Notes in Computer Science, 2015, , 30-40.	1.0	2
119	Memetic Simulated Annealing for Data Approximation with Local-Support Curves. Procedia Computer Science, 2017, 108, 1364-1373.	1.2	2
120	Community Detection in Weighted Directed Networks Using Nature-Inspired Heuristics. Lecture Notes in Computer Science, 2018, , 325-335.	1.0	2
121	A General-Purpose Hardware Robotic Platform for Swarm Robotics. Studies in Computational Intelligence, 2018, , 259-271.	0.7	2
122	Population-Based Metaheuristics for Planning Interval Training Sessions in Mountain Biking. Lecture Notes in Computer Science, 2019, , 70-79.	1.0	2
123	Computing rational border curves of melanoma and other skin lesions from medical images with bat algorithm. , 2019, , .		2
124	Free-Form Parametric Fitting of Van der Waals Binodal and Spinodal Curves with Bat Algorithm. , 2019, , .		2
125	Proteus-I: A Flexible and Adaptable Low-Cost General-Purpose Micro-Robot Prototype for Swarm Robotics. , 2019, , .		2
126	Computing Self-Similar Contractive Functions for the IFS Inverse Problem Through the Cuckoo Search Algorithm. Advances in Intelligent Systems and Computing, 2017, , 333-342.	0.5	2

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127	Symbolic Computation of Petri Nets. Lecture Notes in Computer Science, 2007, , 235-242.	1.0	2
128	Software Verification and Validation of Graphical Web Services in Digital 3D Worlds. Communications in Computer and Information Science, 2009, , 293-300.	0.4	2
129	PDE patch-based surface reconstruction from point clouds. Journal of Computational Science, 2022, 61, 101647.	1.5	2
130	Binary Distillation Column Design Using Mathematica. Lecture Notes in Computer Science, 2003, , 848-857.	1.0	1
131	Computational Methods for Geometric Processing of Surfaces: Blending, Offsetting, Intersection, Implicitization. , 2005, , 69-80.		1
132	Symbolic Manipulation of B-spline Basis Functions with Mathematica. Lecture Notes in Computer Science, 2007, , 194-202.	1.0	1
133	Special section: Computer algebra systems and their applications, CASAâ€™2003â€™06: Selected papers. Future Generation Computer Systems, 2007, 23, 714-715.	4.9	1
134	A Simulated Annealing Approach for Data Fitting with BÃ©zier Surfaces. , 2015, , .		1
135	Adaptation of Sport Training Plans by Swarm Intelligence. Advances in Intelligent Systems and Computing, 2019, , 56-67.	0.5	1
136	Parameter Estimation of a Nonlinear Hydrologic Model for Channel Flood Routing with the Bat Algorithm. Lecture Notes in Computer Science, 2019, , 341-351.	1.0	1
137	Cooperative game concepts in solving global optimization. , 2019, , .		1
138	Dynamic Partitioning of Evolving Graph Streams Using Nature-Inspired Heuristics. Lecture Notes in Computer Science, 2019, , 367-380.	1.0	1
139	Bat Algorithm for Kernel Computation in Fractal Image Reconstruction. Lecture Notes in Computer Science, 2019, , 381-394.	1.0	1
140	Firefly Algorithm Approach For Rational BÃ©zier Border Reconstruction of Skin Lesions from Macroscopic Medical Images. , 2019, , .		1
141	Modelling and Simulation of Lily flowers using PDE Surfaces. , 2019, , .		1
142	Development of a framework for modeling preference times in triathlon. Neural Computing and Applications, 2020, 32, 10833-10846.	3.2	1
143	Image Reconstruction of Colored Bitmap Fractal Images Through Bat Algorithm and Color-Based Image Clustering. Advances in Intelligent Systems and Computing, 2022, , 222-232.	0.5	1
144	Some Problems in Geometric Processing of Surfaces. , 2008, , 293-304.		1

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145	Parametric Learning of Associative Functional Networks Through a Modified Memetic Self-adaptive Firefly Algorithm. Lecture Notes in Computer Science, 2020, , 566-579.	1.0	1
146	Swarm Intelligence Approach for Rational Global Approximation of Characteristic Curves for the Van der Waals Equation of State. Lecture Notes in Computer Science, 2020, , 604-616.	1.0	1
147	Cuckoo Search Algorithm Approach for the IFS Inverse Problem of 2D Binary Fractal Images. Lecture Notes in Computer Science, 2017, , 543-551.	1.0	1
148	LÃ©vy Flight-Driven Simulated Annealing for B-spline Curve Fitting. Studies in Computational Intelligence, 2018, , 149-169.	0.7	1
149	Computational Analysis of a Power Distribution System with Petri Nets. Lecture Notes in Computer Science, 2010, , 85-98.	1.0	1
150	Videogames and Virtual Reality as Effective Edutainment Tools. Lecture Notes in Computer Science, 2010, , 564-576.	1.0	1
151	On Rearranging Physical Spaces for Enhancing Social Distancing Measures to Combat the COVID-19 Infection Rates. , 2020, , .		1
152	Tabu Search-Based Method for Bezier Curve Parameterization. International Journal of Software Engineering and Its Applications, 2013, 7, 283-296.	0.2	1
153	Extending Maple Capabilities for Solving and Displaying Inequalities. Lecture Notes in Computer Science, 2006, , 383-390.	1.0	1
154	Computer Software Program for Representation and Visualization of Free-Form Curves through Bio-inspired Optimization Techniques. Lecture Notes in Computer Science, 2014, , 570-577.	1.0	1
155	New memetic self-adaptive firefly algorithm for continuous optimisation. International Journal of Bio-Inspired Computation, 2016, 8, 300.	0.6	1
156	Simulated Annealing and Natural Neighbor for Rational BÃ©zier Surface Reconstruction from Scattered Data Points. Advances in Intelligent Systems and Computing, 2017, , 354-364.	0.5	1
157	Intelligent Behavioral Design of Non-player Characters in a FPS Video Game Through PSO. Lecture Notes in Computer Science, 2017, , 246-254.	1.0	1
158	Interplay of Two Bat Algorithm Robotic Swarms in Non-cooperative Target PointÃ©Search. Communications in Computer and Information Science, 2018, , 543-550.	0.4	1
159	Optimized Unidirectional and Bidirectional Stiffened Objects for Minimum Material Consumption of 3D Printing. Mathematics, 2021, 9, 2835.	1.1	1
160	New Perspectives in the Development of the Artificial Sport Trainer. Applied Sciences (Switzerland), 2021, 11, 11452.	1.3	1
161	Cryptographic Communications with Chaotic Semiconductor Lasers. , 2005, , 469-484.		0
162	A Mathematica Package for Computing and Visualizing the Gauss Map of Surfaces. Lecture Notes in Computer Science, 2005, , 492-501.	1.0	0

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163	Circle Inversion of Two-Dimensional Objects with Mathematica. Lecture Notes in Computer Science, 2005, , 547-555.	1.0	0
164	Symbolic Analysis of Economical Models with Mathematica. Lecture Notes in Computer Science, 2006, , 414-421.	1.0	0
165	Representation and Analysis of a Dynamical System with Petri Nets. , 2007, , .		0
166	Symbolic Proof of Limits of Functions in Mathematica with Applications to Mathematics Education. , 2008, , .		0
167	New Package in Maxima for Single-Valued Interval Computation on Real Numbers. , 2011, , .		0
168	ICCSA 2011 Welcome Message. , 2011, , .		0
169	CGVR 2011 Program Committee. , 2011, , .		0
170	Message from CGVR 2011 Workshop Chairs. , 2011, , .		0
171	Message from CASA 2011 Workshop Chairs. , 2011, , .		0
172	Unravelling the Hidden Truth within Logical Statements: A Computer Tool. , 2013, , .		0
173	TSCG 2013 Workshop Chairs, Committee Members, and Reviewers. , 2013, , .		0
174	Message from the CASA 2013 Workshop Chairs. , 2013, , .		0
175	Message from CW 2014 General Chair. , 2014, , .		0
176	Message from CW 2014 Organizing Committee Chairs. , 2014, , .		0
177	Message from CW 2014 Program Committee Chairs. , 2014, , .		0
178	Preface to the special issue on Cyberworlds 2014. Visual Computer, 2016, 32, 321-322.	2.5	0
179	Force-Based Evolutionary Computation Approach for Automatic Skeletal Motion Learning in Human Animation. , 2018, , .		0
180	Swarm Intelligence Approach for Parametric Learning of a Nonlinear River Flood Routing Model. Communications in Computer and Information Science, 2019, , 276-286.	0.4	0

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181	Using Adaptive Novelty Search in Differential Evolution. Communications in Computer and Information Science, 2019, , 267-275.	0.4	0
182	A Hardware Architecture and Physical Prototype for General-Purpose Swarm Minirobotics: Proteus II. Springer Tracts in Nature-inspired Computing, 2021, , 149-174.	1.2	0
183	How Symbolic Computation Can Benefit Computer-Aided Geometric Design. Lecture Notes in Computer Science, 2001, , 214-218.	1.0	0
184	Designing a Distillation Column for Binary Mixtures. , 2003, , .		0
185	VII International Workshop on Computer Graphics and Geometric Modeling " CGGM™2008. Lecture Notes in Computer Science, 2008, , 3-4.	1.0	0
186	VIII International Workshop on Computer Graphics and Geometric Modeling - CGGM™2009. Lecture Notes in Computer Science, 2009, , 757-758.	1.0	0
187	A New Framework for Intelligent Semantic Web Services Based on GAIVAs. , 2010, , 38-62.		0
188	Immunological Approach for Data Parameterization in Curve Fitting of Noisy Points with Smooth Local-Support Splines. Lecture Notes in Computer Science, 2016, , 105-115.	1.0	0
189	KETpic-Matlab Toolbox for LaTeX High-Quality Graphical Artwork in Educational Materials on Bézier Curve Algorithms at a Master Level. Lecture Notes in Computer Science, 2017, , 301-316.	1.0	0
190	Iterative sequential bat algorithm for free-form rational Bézier surface reconstruction. International Journal of Bio-Inspired Computation, 2018, 11, 1.	0.6	0
191	Cuckoo Search Algorithm for Parametric Data Fitting of Characteristic Curves of the Van der Waals Equation of State. Springer Tracts in Nature-inspired Computing, 2021, , 21-45.	1.2	0
192	Functional Networks for Image Segmentation of Cutaneous Lesions with Rational Curves. Advances in Intelligent Systems and Computing, 2021, , 780-789.	0.5	0
193	Distributed Coordination of Heterogeneous Robotic Swarms Using Stochastic Diffusion Search. Lecture Notes in Computer Science, 2020, , 79-91.	1.0	0
194	An Optimisation Model for Designing Social Distancing Enhanced Physical Spaces. , 2020, , .		0
195	3D Modelling with C2 Continuous PDE Surface Patches. Mathematics, 2022, 10, 319.	1.1	0
196	Interactive PDE patch-based surface modeling from vertex-frames. Engineering With Computers, 0, , .	3.5	0
197	Design and implementation of parallel self-adaptive differential evolution for global optimization. Logic Journal of the ICPL, 2023, 31, 701-721.	1.3	0
198	IFS-Based Image Reconstruction of Binary Images with Functional Networks. Mathematics, 2022, 10, 1107.	1.1	0

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199	Reconstructing Dynamic 3D Models with Small Data by Integrating Position-Based Dynamics and PDE-Based Modelling. Mathematics, 2022, 10, 821.	1.1	0