

Begoña González Landín

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

109
citations

1478505

6
h-index

1372567

10
g-index

21
all docs

21
docs citations

21
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulations of rigid and flexible water models: Temperature dependence of viscosity. <i>Chemical Physics</i> , 2011, 388, 9-18.	1.9	54
2	Viscosity of Liquid Water via Equilibrium Molecular Dynamics Simulations. <i>Progress in Theoretical Chemistry and Physics</i> , 2008, , 351-361.	0.2	10
3	A Flexible Evolutionary Agent: cooperation and competition among real-coded evolutionary operators. <i>Soft Computing</i> , 2005, 9, 299-323.	3.6	9
4	New lightweight optimisation method applied in parts made by selective laser sintering and Polyjet technologies. <i>International Journal of Computer Integrated Manufacturing</i> , 2016, 29, 462-472.	4.6	9
5	Proposal and Comparative Study of Evolutionary Algorithms for Optimum Design of a Gear System. <i>IEEE Access</i> , 2020, 8, 3482-3497.	4.2	8
6	Lightweight parametric optimisation method for cellular structures in additive manufactured parts. <i>International Journal for Simulation and Multidisciplinary Design Optimization</i> , 2016, 7, A6.	1.1	7
7	Meshless numerical simulation of (full) potential flows in a nozzle by genetic algorithms. <i>International Journal for Numerical Methods in Fluids</i> , 2003, 43, 1167-1176.	1.6	4
8	Filtered stress autocorrelation functions of liquid water models. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 375-386.	2.0	4
9	Minimum-cost planning of the multimodal transport of pipes with evolutionary computation. <i>International Journal for Simulation and Multidisciplinary Design Optimization</i> , 2009, 3, 401-405.	1.1	2
10	Numerical Simulation of Transonic Flows by a Double Loop Flexible Evolution. , 2006, , 285-292.		1
11	Objective space division-based hybrid evolutionary algorithm for handling overlapping solutions in combinatorial problems. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 3369-3401.	1.9	1
12	Testing Some Alpha-Models of Turbulence on Wing Profiles. <i>Solid State Phenomena</i> , 0, 198, 243-247.	0.3	0
13	Lightweight Optimization for Additive Manufacturing Parts Based on Genetic Algorithms, Metamodels and Finite Element Analysis. <i>Computational Methods in Applied Sciences (Springer)</i> , 2015, , 67-82.	0.3	0
14	Solving economic and environmental optimal control in dumping of sewage with a flexible and parallel evolutionary computation. , 2004, , 341-347.		0
15	Robust optimisation of coastal environmental impact from oil spills using a flexible evolution agent and finding the optimal course of the damaged tanker. <i>WIT Transactions on Ecology and the Environment</i> , 2006, , .	0.0	0
16	Numerical Simulation of Transonic Flows by a Flexible and Parallel Evolutionary Computation. <i>Lecture Notes in Computational Science and Engineering</i> , 2009, , 433-440.	0.3	0
17	An integrated system for a real time fight against maritime and coastal pollution with environmental data acquisition, pollutant spillages modelling and risk management. <i>WIT Transactions on Ecology and the Environment</i> , 2008, , .	0.0	0
18	Optimal placement of wastewater outfalls using an internet-based distributed computing environment and a 3D finite volume model of pollutant dispersion in offshore waters. , 1996, , 191-198.		0

#	ARTICLE	IF	CITATIONS
19	Estimation of the Electricity Demand of La Palma Island (Spain). Computational Methods in Applied Sciences (Springer), 2015, , 487-500.	0.3	0
20	PREDICCIÓN DE LA DEMANDA DE LA ENERGÍA ELÉCTRICA A LARGO PLAZO: UN RETO EN INGENIERÍA COMPUTACIONAL. Dyna (Spain), 2015, 90, 582-584.	0.2	0
21	PREDICCIONES DE LA DEMANDA DE LA ENERGÍA ELÉCTRICA CON DATOS DE LA ACTUAL CRISIS ECONÓMICA Y FINANCIERA. APLICACIÓN A LA REGIÓN CANARIA.. Dyna Energia Y Sostenibilidad, 2015, 4, [13 p.]-[13 p.].	0.1	0