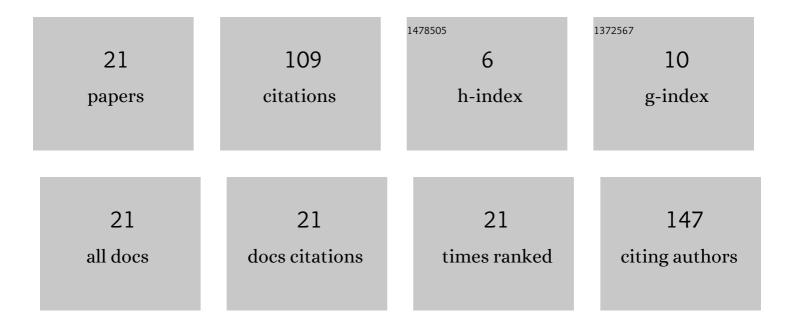
Begoña GonzÃ;lez LandÃ-n

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Objective space division-based hybrid evolutionary algorithm for handing overlapping solutions in combinatorial problems. Mathematical Biosciences and Engineering, 2022, 19, 3369-3401.	1.9	1
2	Proposal and Comparative Study of Evolutionary Algorithms for Optimum Design of a Gear System. IEEE Access, 2020, 8, 3482-3497.	4.2	8
3	Lightweight parametric optimisation method for cellular structures in additive manufactured parts. International Journal for Simulation and Multidisciplinary Design Optimization, 2016, 7, A6.	1.1	7
4	New lightweight optimisation method applied in parts made by selective laser sintering and Polyjet technologies. International Journal of Computer Integrated Manufacturing, 2016, 29, 462-472.	4.6	9
5	Lightweight Optimization for Additive Manufacturing Parts Based on Genetic Algorithms, Metamodels and Finite Element Analysis. Computational Methods in Applied Sciences (Springer), 2015, , 67-82.	0.3	0
6	Estimation of the Electricity Demand of La Palma Island (Spain). Computational Methods in Applied Sciences (Springer), 2015, , 487-500.	0.3	0
7	PREDICCIÓN DE LA DEMANDA DE LA ENERGÃA ELÉCTRICA A LARGO PLAZO: UN RETO EN INGENIERÃA COMPUTACIONAL. Dyna (Spain), 2015, 90, 582-584.	0.2	0
8	PREDICCIONES DE LA DEMANDA DE LA ENERGÃA ELÉCTRICA CON DATOS DE LA ACTUAL CRISIS ECONÓMICA FINANCIERA. APLICACIÓN A LA REGIÓN CANARIA Dyna Energia Y Sostenibilidad, 2015, 4, [13 p.]-[13 p.].	Y 0.1	0
9	Molecular dynamics simulations of rigid and flexible water models: Temperature dependence of viscosity. Chemical Physics, 2011, 388, 9-18.	1.9	54
10	Filtered stress autocorrelation functions of liquid water models. International Journal of Quantum Chemistry, 2011, 111, 375-386.	2.0	4
11	Minimum-cost planning of the multimodal transport of pipes with evolutionary computation. International Journal for Simulation and Multidisciplinary Design Optimization, 2009, 3, 401-405.	1.1	2
12	Numerical Simulation of Transonic Flows by a Flexible and Parallel Evolutionary Computation. Lecture Notes in Computational Science and Engineering, 2009, , 433-440.	0.3	0
13	Viscosity of Liquid Water via Equilibrium Molecular Dynamics Simulations. Progress in Theoretical Chemistry and Physics, 2008, , 351-361.	0.2	10
14	An integrated system for a real time fight against maritime and coastal pollution with environmental data acquisition, pollutant spillages modelling and risk management. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	0
15	Numerical Simulation of Transonic Flows by a Double Loop Flexible Evolution. , 2006, , 285-292.		1
16	Robust optimisation of coastal environmental impact from oil spills using a flexible evolution agent and finding the optimal course of the damaged tanker. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	0
17	A Flexible Evolutionary Agent: cooperation and competition among real-coded evolutionary operators. Soft Computing, 2005, 9, 299-323.	3.6	9
18	Solving economic and environmental optimal control in dumping of sewage with a flexible and		0

parallel evolutionary computation. , 2004, , 341-347.

#	Article	IF	CITATIONS
19	Meshless numerical simulation of (full) potential flows in a nozzle by genetic algorithms. International Journal for Numerical Methods in Fluids, 2003, 43, 1167-1176.	1.6	4
20	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
21	Testing Some Alpha-Models of Turbulence on Wing Profiles. Solid State Phenomena, 0, 198, 243-247.	0.3	Ο