

# Begoña González Landín

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6183217/publications.pdf>

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  | 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         |
| 2  | 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         |
| 3  | 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         |
| 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  | 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         |
| 6  | Estimation of the Electricity Demand of La Palma Island (Spain). <i>Computational Methods in Applied Sciences (Springer)</i> , 2015, , 487-500.  | 0.3 | 0         |
| 7  | PREDICCIÓN DE LA DEMANDA DE LA ENERGÍA ELÉCTRICA A LARGO PLAZO: UN RETO EN INGENIERÍA COMPUTACIONAL. <i>Dyna (Spain)</i> , 2015, 90, 582-584.  | 0.2 | 0         |
| 8  | PREDICIONES DE LA DEMANDA DE LA ENERGÍA ELÉCTRICA CON DATOS DE LA ACTUAL CRISIS ECONÓMICA Y FINANCIERA. APLICACIÓN A LA REGIÓN CANARIA.. <i>Dyna Energia Y Sostenibilidad</i> , 2015, 4, [13 p.]-[13 p.].                                    | 0.1 | 0         |
| 9  | Molecular dynamics simulations of rigid and flexible water models: Temperature dependence of viscosity. <i>Chemical Physics</i> , 2011, 388, 9-18.   | 1.9 | 54        |
| 10 | Filtered stress autocorrelation functions of liquid water models. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 375-386.  | 2.0 | 4         |
| 11 | 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         |
| 12 | 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         |
| 13 | Viscosity of Liquid Water via Equilibrium Molecular Dynamics Simulations. <i>Progress in Theoretical Chemistry and Physics</i> , 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. <i>WIT Transactions on Ecology and the Environment</i> , 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. <i>WIT Transactions on Ecology and the Environment</i> , 2006, , .                | 0.0 | 0         |
| 17 | A Flexible Evolutionary Agent: cooperation and competition among real-coded evolutionary operators. <i>Soft Computing</i> , 2005, 9, 299-323.  | 3.6 | 9         |
| 18 | Solving economic and environmental optimal control in dumping of sewage with a flexible and parallel evolutionary computation. , 2004, , 341-347.  |     | 0         |

| #  | 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 | 0         |