

# Ana M Macarulla-Arenaza

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1792530/publications.pdf>

Version: 2024-02-01

14  
papers

205  
citations

1477746

6  
h-index

1281420

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of influencing municipal characteristics regarding household waste generation and their forecasting ability in Biscay. <i>Waste Management</i> , 2015, 39, 26-34.	3.7	95
2	Analysis and assessment of an off-grid services building through the usage of a DC photovoltaic microgrid. <i>Sustainable Cities and Society</i> , 2018, 38, 405-419.	5.1	29
3	Is it feasible a massive deployment of low voltage direct current microgrids renewable-based? A technical and social sight. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112198.	8.2	23
4	A case study comparison between photovoltaic and fossil generation based on direct current hybrid microgrids to power a service building. <i>Journal of Cleaner Production</i> , 2020, 244, 118870.	4.6	22
5	Artificial neural network modelling of the bioethanol-to-olefins process on a HZSM-5 catalyst treated with alkali. <i>Applied Soft Computing Journal</i> , 2017, 58, 648-656.	4.1	9
6	Design of Sizing Algorithms for a Direct Current Off-Grid Photovoltaic Installation. <i>IEEE Latin America Transactions</i> , 2018, 16, 2168-2176.	1.2	6
7	Systematic Analysis and Design of Water Networks With Solar Photovoltaic Energy. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 628-638.	2.4	6
8	Energy Policy Scenarios of CCS Implementation in the Greek Electricity Sector. <i>Energy Procedia</i> , 2012, 23, 354-359.	1.8	4
9	A Methodology for Real-Time HiL Validation of Hydraulic-Press Controllers Based on Novel Modeling Techniques. <i>IEEE Access</i> , 2019, 7, 110541-110553.	2.6	4
10	Bridging the Gap between Real and Simulated Environments: A Hybrid Agent-Based Smart Home Simulator Architecture for Complex Systems. , 2016, , .		3
11	On Fault-Tolerant Control Systems: A Novel Reconfigurable and Adaptive Solution for Industrial Machines. <i>IEEE Access</i> , 2020, 8, 39322-39335.	2.6	2
12	SIMULACI3N Y AN3LISIS DE VIABILIDAD DE UNA INSTALACI3N SOLAR FOTOVOLTAICA EN DC PARA UN EDIFICIO DE SERVICIOS AISLADO DE LA RED. <i>Dyna (Spain)</i> , 2018, 93, 24-30.	0.1	2
13	Evolutionary Dynamic Optimization of Control Trajectories for the Catalytic Transformation of the Bioethanol-To-Olefins Process using Neural Networks. , 2016, , .		0
14	A comparative study for energetic valorisation of partially digested sewage sludge. <i>WIT Transactions on Ecology and the Environment</i> , 2012, , .	0.0	0