

# Claudio Augusto Oller Nascimento

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11445807/publications.pdf>

Version: 2024-02-01

13  
papers

398  
citations

1163117

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1199594

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g-index

13  
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docs citations

13  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural network based approach for optimization of industrial chemical processes. Computers and Chemical Engineering, 2000, 24, 2303-2314.	3.8	140
2	Extra and Intracellular Synthesis of Nickel Oxide Nanoparticles Mediated by Dead Fungal Biomass. PLoS ONE, 2015, 10, e0129799.	2.5	64
3	Nickel oxide nanoparticles film produced by dead biomass of filamentous fungus. Scientific Reports, 2014, 4, 6404.	3.3	56
4	Modeling of industrial nylon-6,6 polymerization process in a twin-screw extruder reactor. II. Neural networks and hybrid models. Journal of Applied Polymer Science, 1999, 72, 905-912.	2.6	37
5	Neural network based approach for optimisation applied to an industrial nylon-6,6 polymerisation process. Computers and Chemical Engineering, 1998, 22, S595-S600.	3.8	31
6	Magnetic nanoparticles of Ni/NiO nanostructured in film form synthesized by dead organic matrix of yeast. RSC Advances, 2016, 6, 60683-60692.	3.6	18
7	Phenol biodegradation by a microbial consortium: application of artificial neural network (ANN) modelling. Environmental Technology (United Kingdom), 2012, 33, 1739-1745.	2.2	15
8	Chlorella vulgaris phycoremediation at low Cu+2 contents: Proteomic profiling of microalgal metabolism related to fatty acids and CO2 fixation. Chemosphere, 2021, 284, 131272.	8.2	12
9	Electrosynthesis via Plasma Electrochemistry: Generalist Dynamical Model To Explain Hydrogen Production Induced by a Discharge over Water. Journal of Physical Chemistry C, 2019, 123, 21896-21912.	3.1	9
10	New approach for the prediction of azeotropy in binary systems. Computers and Chemical Engineering, 2003, 27, 1755-1759.	3.8	7
11	Assessing the sugarcane bagasse and straw as a biofuel to propel light vehicles. Sustainable Energy and Fuels, 2021, 5, 2563-2577.	4.9	5
12	2D-LSPP: An Improved Line Source with Parallel Plane Emission (LSPP) Model for Photon Distribution in Annular Reactors. Industrial & Engineering Chemistry Research, 2007, 46, 7587-7597.	3.7	2
13	Biosynthesis of Metal Nanoparticles via Fungal Dead Biomass in Industrial Bioremediation Process. , 2018, , 165-199.		2