

# Victor Alfonsin

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

219  
citations

1163117

8  
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996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	USING AND ANALYSIS OF COLLABORATIVE TECHNIQUES AND RAPID RESPONSE DEVICES IN A SUBJECT IN THE DEGREE OF MECHANICAL ENGINEERING AT DEFENSE UNIVERSITY CENTER OF MARIN. INTED Proceedings, 2021, , .	0.0	0
2	ADAPTATION OF TEACHING METHODOLOGIES DURING COVID-19 CRISIS SITUATION. INTED Proceedings, 2021, , .	0.0	0
3	Microwave Assisted Alkaline Pretreatment of Algae Waste in the Production of Cellulosic Bioethanol. Energies, 2021, 14, 5891.	3.1	7
4	Bioethanol production from industrial algae waste. Waste Management, 2019, 87, 791-797.	7.4	59
5	Modeling and simulation of a zero emission urban bus with battery and fuel cell energy systems under real conditions. Environmental Progress and Sustainable Energy, 2018, 37, 832-838.	2.3	3
6	Remediation of Diesel-Contaminated Soil by Ultrasonic Solvent Extraction. International Journal of Environmental Research, 2018, 12, 651-659.	2.3	7
7	Biodiesel Production from Waste Frying Oil by Ultrasound Assisted Transesterification. Chemical Engineering and Technology, 2017, 40, 1713-1719.	1.5	8
8	A Study on Techniques for Microalgae Separation and Lipid Extraction for <i>Desmodesmus subspicatus</i> . International Journal of Environmental Research, 2017, 11, 387-394.	2.3	9
9	Recycling of waste engine oil for diesel production. Waste Management, 2017, 60, 351-356.	7.4	55
10	Biofuel and biomass from marine macroalgae waste. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1169-1175.	2.3	8
11	Simulating a Versatile Plant for Biodiesel Production. Chemistry and Technology of Fuels and Oils, 2016, 52, 250-254.	0.5	1
12	Harvesting and lipids extraction of <i>Pavlova Lutheri</i> . Environmental Progress and Sustainable Energy, 2016, 35, 1842-1847.	2.3	5
13	Transesterification of marine macroalgae using microwave technology. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1598-1603.	2.3	8
14	Simulation of Natural Gas Steam Reforming to Obtain High-Purity Hydrogen. Chemistry and Technology of Fuels and Oils, 2015, 51, 529-535.	0.5	1
15	Optimal parametrization of electrodynamical battery model using model selection criteria. Journal of Power Sources, 2015, 285, 119-130.	7.8	5
16	Integration of several renewable energies for internal combustion engine substitution in a commercial sailboat. International Journal of Hydrogen Energy, 2015, 40, 6689-6701.	7.1	8
17	Modellization of Metal Hydride Canister for Hydrogen Storage. European Journal of Sustainable Development (discontinued), 2015, 4, .	0.9	2
18	Transesterification of waste frying oil under ultrasonic irradiation. European Journal of Sustainable Development (discontinued), 2015, 4, .	0.9	2

#	ARTICLE	IF	CITATIONS
19	Simulation of a hydrogen hybrid battery-fuel cell vehicle. DYNA (Colombia), 2015, 82, 9-14.	0.4	0
20	Modelization of hybrid systems with hydrogen and renewable energy oriented to electric propulsion in sailboats. International Journal of Hydrogen Energy, 2014, 39, 11763-11773.	7.1	28
21	Lipids extraction from microalgae for biodiesel production. , 2014, , .		1
22	Different harvesting of marine microalgae. , 2014, , .		0
23	Simulation of a stand-alone renewable hydrogen system for residential supply. DYNA (Colombia), 2014, 81, 116.	0.4	2