

Victor Alfonsin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

219
citations

1163117

8
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioethanol production from industrial algae waste. <i>Waste Management</i> , 2019, 87, 791-797.	7.4	59
2	Recycling of waste engine oil for diesel production. <i>Waste Management</i> , 2017, 60, 351-356.	7.4	55
3	Modelization of hybrid systems with hydrogen and renewable energy oriented to electric propulsion in sailboats. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11763-11773.	7.1	28
4	A Study on Techniques for Microalgae Separation and Lipid Extraction for <i>Desmodesmus subspicatus</i> . <i>International Journal of Environmental Research</i> , 2017, 11, 387-394.	2.3	9
5	Integration of several renewable energies for internal combustion engine substitution in a commercial sailboat. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 6689-6701.	7.1	8
6	Biofuel and biomass from marine macroalgae waste. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1169-1175.	2.3	8
7	Transesterification of marine macroalgae using microwave technology. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1598-1603.	2.3	8
8	Biodiesel Production from Waste Frying Oil by Ultrasound-Assisted Transesterification. <i>Chemical Engineering and Technology</i> , 2017, 40, 1713-1719.	1.5	8
9	Remediation of Diesel-Contaminated Soil by Ultrasonic Solvent Extraction. <i>International Journal of Environmental Research</i> , 2018, 12, 651-659.	2.3	7
10	Microwave Assisted Alkaline Pretreatment of Algae Waste in the Production of Cellulosic Bioethanol. <i>Energies</i> , 2021, 14, 5891.	3.1	7
11	Optimal parametrization of electrodynamical battery model using model selection criteria. <i>Journal of Power Sources</i> , 2015, 285, 119-130.	7.8	5
12	Harvesting and lipids extraction of <i>Pavlova Lutheri</i> . <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1842-1847.	2.3	5
13	Modeling and simulation of a zero emission urban bus with battery and fuel cell energy systems under real conditions. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 832-838.	2.3	3
14	Modellization of Metal Hydride Canister for Hydrogen Storage. <i>European Journal of Sustainable Development (discontinued)</i> , 2015, 4, .	0.9	2
15	Transesterification of waste frying oil under ultrasonic irradiation. <i>European Journal of Sustainable Development (discontinued)</i> , 2015, 4, .	0.9	2
16	Simulation of a stand-alone renewable hydrogen system for residential supply. <i>DYNA (Colombia)</i> , 2014, 81, 116.	0.4	2
17	Lipids extraction from microalgae for biodiesel production. , 2014, , .		1
18	Simulation of Natural Gas Steam Reforming to Obtain High-Purity Hydrogen. <i>Chemistry and Technology of Fuels and Oils</i> , 2015, 51, 529-535.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Simulating a Versatile Plant for Biodiesel Production. Chemistry and Technology of Fuels and Oils, 2016, 52, 250-254.	0.5	1
20	Different harvesting of marine microalgae. , 2014, , .		0
21	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
22	ADAPTATION OF TEACHING METHODOLOGIES DURING COVID-19 CRISIS SITUATION. INTED Proceedings, 2021, , .	0.0	0
23	Simulation of a hydrogen hybrid battery-fuel cell vehicle. DYNA (Colombia), 2015, 82, 9-14.	0.4	0