

Lilian Lefol Nani Guarieiro

List of Publications by Year in descending order

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33
papers

1,474
citations

933447

10
h-index

752698

20
g-index

33
all docs

33
docs citations

33
times ranked

1733
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel: an overview. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1313-1330.	0.6	560
2	The Role of Additives for Diesel and Diesel Blended (Ethanol or Biodiesel) Fuels: A Review. <i>Energy & Fuels</i> , 2007, 21, 2433-2445.	5.1	415
3	Emission profile of 18 carbonyl compounds, CO, CO ₂ , and NO emitted by a diesel engine fuelled with diesel and ternary blends containing diesel, ethanol and biodiesel or vegetable oils. <i>Atmospheric Environment</i> , 2009, 43, 2754-2761.	4.1	125
4	Carbonyl compounds emitted by a diesel engine fuelled with diesel and biodiesel – diesel blends: Sampling optimization and emissions profile. <i>Atmospheric Environment</i> , 2008, 42, 8211-8218.	4.1	79
5	Acetaldehyde and formaldehyde concentrations from sites impacted by heavy-duty diesel vehicles and their correlation with the fuel composition: Diesel and diesel/biodiesel blends. <i>Fuel</i> , 2012, 92, 258-263.	6.4	57
6	Assessment of the use of oxygenated fuels on emissions and performance of a diesel engine. <i>Microchemical Journal</i> , 2014, 117, 94-99.	4.5	39
7	Particle emission from heavy-duty engine fuelled with blended diesel and biodiesel. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2663-2676.	2.7	38
8	Estudo de caso utilizando mapeamento de prospecção tecnológica como principal ferramenta de busca científica. <i>Perspectivas Em Ciencia Da Informacao</i> , 2012, 17, 195-209.	0.1	30
9	Metodologia analítica para quantificar o teor de biodiesel na mistura biodiesel: diesel utilizando espectroscopia na região do infravermelho. <i>Quimica Nova</i> , 2008, 31, 421-426.	0.3	29
10	Production of biodegradable starch nanocomposites using cellulose nanocrystals extracted from coconut fibers. <i>Polimeros</i> , 2017, 27, 320-329.	0.7	22
11	Vehicle Emissions: What Will Change with Use of Biofuel?. , 2013, , .		16
12	Emission and Performance Evaluation of a Diesel Engine Using Addition of Ethanol to Diesel/Biodiesel Fuel Blend. <i>Energies</i> , 2022, 15, 2988.	3.1	11
13	Fractal aspects in enriched combustion. <i>Physica A: Statistical Mechanics and Its Applications</i> . 2015. 434. 268-272.	2.6	9
14	Experimental evaluation of CO, NO _x , formaldehyde and acetaldehyde emission rates in a combustion chamber with OEC under acoustic excitation. <i>Energy Reports</i> , 2019, 5, 1163-1171.	5.1	9
15	Química Sem Fronteiras: o desafio da energia. <i>Quimica Nova</i> , 2013, 36, 1540-1551.	0.3	7
16	A Detailed Forecast of the Technologies Based on Lifecycle Analysis of GMAW and CMT Welding Processes. <i>Sustainability</i> , 2021, 13, 3766.	3.2	6
17	Air Pollutants from the Burning of Fossil Fuels and Biofuels: A Brief Review. <i>Revista Virtual De Quimica</i> , 2011, 3, .	0.4	6
18	A Review on Second and Third Generation Bioethanol Production. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	Prospective Study on the Collection and Incorporation of Cellulose Nanocrystals in Biodegradable Films. <i>Revista Virtual De Quimica</i> , 2016, 8, 1104-1114.	0.4	4
20	Impact of the Biofuels Burning on Particle Emissions from the Vehicular Exhaust. , 0, , .		3
21	Use of Patent Indicators as a Methodology for Evaluating the Development of Supercritical Extraction Technology. <i>Revista Virtual De Quimica</i> , 2016, 8, 1079-1093.	0.4	2
22	Experimental Evaluation of Marine Diesel Engine Performance Using Blends of Biodiesel and Diesel with High-Sulfur Concentration. <i>Revista Virtual De Quimica</i> , 2016, 8, 1192-1203.	0.4	1
23	Scientific Collaboration Networks of the "Energy and Environment INCT" <i>Revista Virtual De Quimica</i> , 2016, 8, 1234-1248.	0.4	1
24	Analysis of the GTAW Process Influence on UNS S32760 Superduplex Steel Microstructure and Corrosion Resistance. <i>Revista Virtual De Quimica</i> , 2016, 8, 1040-1053.	0.4	1
25	Contribui�o da produ�o de biodiesel para a economia circular utilizando din�mica de sistemas. <i>Revista Brasileira De Gest�o Ambiental E Sustentabilidade</i> , 2021, 8, 93-106.	0.0	0
26	INCT E&A connecting education, science, and technology. <i>Revista Virtual De Quimica</i> , 2011, 3, .	0.4	0
27	Especial Dedicado ao INCT de Energia & Ambiente. <i>Revista Virtual De Quimica</i> , 2011, 3, .	0.4	0
28	Synergy Between Industry and Graduate Programs in Brazil: A Success Story on the Theme of Environmental Management. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.4	0
29	Evaluation of the Permeability of a Catalytic Bed of Palladium Dispersed on Alumina for the Selective Hydrogenation of MAPD in a trickle-bed Reactor from a Petrochemical Plant. <i>Revista Virtual De Quimica</i> , 2016, 8, 1130-1151.	0.4	0
30	A Model for Turbulent Diffusion in a Vertically Inhomogeneous Atmospheric Boundary Layer. <i>Revista Virtual De Quimica</i> , 2016, 8, 1220-1233.	0.4	0
31	Management Applications, Computational Modeling and Industrial Technology in Chemistry. <i>Revista Virtual De Quimica</i> , 2016, 8, 1038-1039.	0.4	0
32	Use and Application of Photochemical Modeling to Predict the Formation of Tropospheric Ozone. <i>Revista Virtual De Quimica</i> , 2017, 9, 2082-2099.	0.4	0
33	EIXOS MOBILIZADORES EM QU�MICA: UM BREVE OLHAR QUINZE ANOS DEPOIS. <i>Quimica Nova</i> , 2018, , .	0.3	0