

# Maria Alexandra de Sousa Rios

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

468  
citations

623188

14  
h-index

713013

21  
g-index

40  
all docs

40  
docs citations

40  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of H-CoMoO <sub>4</sub> nanosheets for antibacterial approaches. <i>Chemical Papers</i> , 2022, 76, 1085-1095.	1.0	0
2	Accelerated oxidation of fresh and stored biodiesel samples obtained from castor and soybean oils using the petrooxy method. <i>Biofuels</i> , 2021, 12, 543-547.	1.4	2
3	Effect of additives on the oxidative stability and corrosivity of biodiesel samples derived from babassu oil and residual frying oil: An experimental and theoretical assessment. <i>Fuel</i> , 2021, 289, 119939.	3.4	11
4	Insights into the Antimicrobial Activity of Hydrated Cobaltmolybdate Doped with Copper. <i>Molecules</i> , 2021, 26, 1267.	1.7	1
5	Aceite de coco babassu (Orbignya speciosa Mart.) extraído industrialmente y manualmente como materia prima para la producción de biodiesel. <i>Revista Ion</i> , 2021, 34, .	0.1	0
6	Degradation of Textile Dye Using the Advanced Oxidation Processes Photo-Fenton and Solar Photo-Fenton. <i>Revista Virtual De Quimica</i> , 2021, 13, 335-346.	0.1	0
7	Análise do uso de resíduo da siderurgia para aplicação em cerâmica vermelha através da caracterização química e mineralógica. <i>Revista Materia</i> , 2021, 26, .	0.1	0
8	Effects of Amine and Phenolic Based Antioxidants on the Stability of Babassu Biodiesel Using Rancimat and Differential Scanning Calorimetry Techniques. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 18-24.	1.8	19
9	Babassu Biodiesel Doped with Antioxidants: Assessment of Thermo-Oxidative Stability by Borchardt and Daniels Method. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2020, 97, 1355-1363.	0.8	0
10	Evaluation of oxidative stability of soybean biodiesel using ethanolic and chloroform extracts of <i>Platymiscium floribundum</i> as antioxidant. <i>Renewable Energy</i> , 2020, 159, 767-774.	4.3	15
11	Evaluation of the anticonvulsant and antioxidant activity of alkylated cardanol in rodents. <i>Natural Product Research</i> , 2020, 35, 1-7.	1.0	1
12	A potential bio-antioxidant for mineral oil from cashew nutshell liquid: an experimental and theoretical approach. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 369-381.	0.7	10
13	Comparative study of synthetic and natural antioxidants on the oxidative stability of biodiesel from Tilapia oil. <i>Renewable Energy</i> , 2020, 156, 1100-1106.	4.3	53
14	Soybean and babassu biodiesel production: a laboratory scale study and an exergy analysis approach. <i>Revista Materia</i> , 2020, 25, .	0.1	0
15	Avaliação do óleo e biodiesel de soja (glycine max) a partir de parâmetros físico-químicos. <i>Brazilian Journal of Development</i> , 2020, 6, 12685-12694.	0.0	0
16	A realização de visitas técnicas na formação profissional do técnico em Química: um estudo de caso. <i>Research, Society and Development</i> , 2020, 9, e419985651.	0.0	1
17	Castor e babassu biodiesel blends: estimating kinetic parameters by Differential Scanning Calorimetry using the Borchardt and Daniels method. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	6
18	Antidepressant-like effect of anacardic acid in mice via the L-arginine-nitric oxide-serotonergic system. <i>Phytotherapy Research</i> , 2019, 33, 2126-2138.	2.8	4

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19	A thermogravimetric analysis of biomass wastes from the northeast region of Brazil as fuels for energy recovery. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 1557-1572.	1.2	21
20	Influence of Synthetic and Natural Antioxidants on the Oxidation Stability of Beef Tallow Before Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2019, 10, 797-803.	1.8	22
21	Investiga��o do potencial do talo e da palha da carna��ba para utiliza��o como biocombust��vel. <i>Revista Materia</i> , 2019, 24, .	0.1	0
22	Blendas de baga��o de cana-de-a��car, podas de mangueira e cajueiro: caracteriza��o das propriedades e investiga��o de seus potenciais energ��ticos. <i>Revista Materia</i> , 2019, 24, .	0.1	4
23	Anxiolytic effect of anacardic acids from cashew ( <i>Anacardium occidentale</i> ) nut shell in mice. <i>IUBMB Life</i> , 2018, 70, 420-431.	1.5	14
24	Anticonvulsant effect of anacardic acid in murine models: Putative role of GABAergic and antioxidant mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1686-1695.	2.5	23
25	Study of kinetics and thermodynamic parameters of the degradation process of biodiesel produced from fish viscera oil. <i>Fuel Processing Technology</i> , 2017, 161, 95-100.	3.7	28
26	Phosphorus cardanol: chemical characterization and thermal stability. <i>Scientia Plena</i> , 2016, 12, .	0.1	1
27	Avalia��o do Uso dos Antioxidantes Comerciais BHT e IONOL na Estabilidade Oxidativa de Sebo Bovino. <i>Conex��es - Ci��ncia E Tecnologia</i> , 2016, 10, .	0.0	0
28	Green methodology for synthesis of alkylated cardanol based on the green chemical principles. <i>Progress in Industrial Ecology</i> , 2015, 9, 312.	0.1	1
29	Kinetic and thermal stability study of hydrogenated cardanol and alkylated hydrogenated cardanol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1617-1625.	2.0	9
30	Evaluation of antioxidants on the thermo-oxidative stability of soybean biodiesel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 921-927.	2.0	19
31	Effect of organophosphate antioxidant on the thermo-oxidative degradation of a mineral oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 553-559.	2.0	27
32	Thermal behavior of phosphorus derivatives of hydrogenated cardanol. <i>Fuel Processing Technology</i> , 2012, 96, 1-8.	3.7	27
33	Utilization of compounds derived from biomass for solution of the industrial problems of the biofuels section. <i>Estudos Tecnol��gicos Em Engenharia</i> , 2012, 7, 163-176.	0.1	0
34	Antioxidative Activity of 5- <i>n</i> -Pentadecyl-2- <i>tert</i> -butylphenol Stabilizers in Mineral Lubricant Oil. <i>Energy &amp; Fuels</i> , 2010, 24, 3285-3291.	2.5	27
35	Study of Antioxidant Properties of 5- <i>n</i> -Pentadecyl-2- <i>tert</i> -amylphenol. <i>Energy &amp; Fuels</i> , 2009, 23, 2517-2522.	2.5	21
36	Cashew Nut Shell Liquid: A Versatile Raw Material Utilized for Syntheses of Phosphorus Compounds. <i>Energy &amp; Fuels</i> , 2009, 23, 5432-5437.	2.5	22

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37	Study of antioxidant property of a thiosphorated compound derived from cashew nut shell liquid in hydrogenated naphthenics oils. Brazilian Journal of Chemical Engineering, 2008, 25, 119-127.	0.7	17
38	Evaluation of antioxidant properties of a phosphorated cardanol compound on mineral oils (NH10) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	3.4	56
39	Thermal and photochemical behavior of trans-ruthenium(II) dichloride tetrphosphite complexes. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 184, 265-272.	2.0	3
40	Cashew nut husk and babassu coconut husk residues: evaluation of their energetic properties. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-9.	1.2	3