

Maria H Casimiro

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

408
citations

11
h-index

19
g-index

36
ext. papers

464
ext. citations

3.7
avg, IF

3.18
L-index

#	Paper	IF	Citations
31	Esterification of free fatty acids to biodiesel over heteropolyacids immobilized on mesoporous silica. <i>Applied Catalysis A: General</i> , 2010 , 390, 183-189	5.1	76
30	Study on chemical, UV and gamma radiation-induced grafting of 2-hydroxyethyl methacrylate onto chitosan. <i>Radiation Physics and Chemistry</i> , 2005 , 72, 731-735	2.5	59
29	Study of PDMS conformation in PDMS-based hybrid materials prepared by gamma irradiation. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 1336-1340	2.5	29
28	Suitability of gamma irradiated chitosan based membranes as matrix in drug release system. <i>International Journal of Pharmaceutics</i> , 2010 , 395, 142-6	6.5	29
27	Characterisation of gamma irradiated chitosan/pHEMA membranes for biomedical purposes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 236, 482-487	1.2	27
26	PVA composite catalytic membranes for hyacinth flavour synthesis in a pervaporation membrane reactor. <i>Catalysis Today</i> , 2014 , 236, 98-107	5.3	26
25	Drug release assays from new chitosan/pHEMA membranes obtained by gamma irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 265, 406-409	1.2	20
24	Structural characterization of PDMS/TEOS/CaO/TiO ₂ hybrid materials obtained by sol-gel. <i>Materials Chemistry and Physics</i> , 2014 , 143, 557-563	4.4	18
23	PVA supported catalytic membranes obtained by irradiation for biodiesel production. <i>Radiation Physics and Chemistry</i> , 2014 , 94, 171-175	2.5	14
22	Thermal analysis evaluation of mechanical properties changes promoted by gamma radiation on surgical polymeric textiles. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002 , 191, 675-679	1.2	13
21	Chitosan/Poly(vinylpyrrolidone) Matrices Obtained by Gamma-Irradiation for Skin Scaffolds: Characterization and Preliminary Cell Response Studies. <i>Materials</i> , 2018 , 11,	3.5	13
20	Impact on CO ₂ and CO ₂ /CH ₄ Separation Performance Using Cu-BTC with Supported Ionic Liquids-Based Mixed Matrix Membranes. <i>Membranes</i> , 2018 , 8,	3.8	10
19	New method for the immobilization of nitroxyl radical on mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2015 , 203, 63-72	5.3	9
18	Adhesives used in paper conservation: Chemical stability and fungal bioreceptivity. <i>Journal of Cultural Heritage</i> , 2018 , 34, 53-60	2.9	9
17	Chitosan-Based Matrices Prepared by Gamma Irradiation for Tissue Regeneration: Structural Properties vs. Preparation Method. <i>Topics in Current Chemistry</i> , 2017 , 375, 5	7.2	8
16	A Case of Self-Organization in Highly Emissive Eu(III) Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3429-3434	2.3	7
15	Evidence of structural order recovery in LDPE based copolymers prepared by gamma irradiation. <i>Radiation Physics and Chemistry</i> , 2014 , 94, 31-35	2.5	7

14	Catalytic poly(vinyl alcohol) functionalized membranes obtained by gamma irradiation. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 1314-1318	2.5	7
13	Characterization and Long-Term Stability of Historical PMMA: Impact of Additives and Acrylic Sheet Industrial Production Processes. <i>Polymers</i> , 2020 , 12,	4.5	7
12	Ionizing Radiation for Preparation and Functionalization of Membranes and Their Biomedical and Environmental Applications. <i>Membranes</i> , 2019 , 9,	3.8	7
11	Influence of the polymer molecular weight on the microstructure of hybrid materials prepared by Irradiation. <i>Radiation Physics and Chemistry</i> , 2015 , 106, 126-129	2.5	6
10	Synthesis and characterization of novel γ -induced porous PHEMA/L composites. <i>Materials Chemistry and Physics</i> , 2013 , 138, 11-16	4.4	2
9	Thermochromism of Highly Luminescent Photopolymer Flexible Films Based On Eu (III) Salts Confined in Polysulfone. <i>Materials</i> , 2020 , 13,	3.5	1
8	Cleaning fungal stains on paper with hydrogels: The effect of pH control. <i>International Biodeterioration and Biodegradation</i> , 2020 , 152, 104996	4.8	1
7	Production of Biodiesel by Methanolysis of Soybean oil Over Basic Polymeric Catalytic Membranes. <i>Procedia Engineering</i> , 2012 , 44, 1607-1611		1
6	Chitosan/PVA Based Membranes Processed by Gamma Radiation as Scaffolding Materials for Skin Regeneration. <i>Membranes</i> , 2021 , 11,	3.8	1
5	Redistribution of Cs 137 introduced into montmorillonite in association with organic matter coming from biomass composting. <i>Chemosphere</i> , 2018 , 207, 147-153	8.4	1
4	Preparation and densification of bulk pyrite, FeS ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 159, 110296	3.9	0
3	Nanostructure of PDMS/EOs/BrZr hybrids prepared by direct deposition of gamma radiation energy. <i>Applied Surface Science</i> , 2015 , 352, 91-94	6.7	
2	Catalytic Composite PVA Membranes for Acetalisation of Phenylacetaldehyde in Membrane Reactors. <i>Procedia Engineering</i> , 2012 , 44, 1612-1618		
1	Símbolos de estatus o una visi3n de los primeros momentos del Bronce Medio del suroeste: las estructuras funerarias de Horta do Pinheiro 5 (Torr3 do Alentejo, sur de Portugal). <i>Trabajos De Prehistoria</i> , 2021 , 78, 292-308	0.6	