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List of Publications by Year in Descending Order

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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.

55 papers	682 citations	16 h-index	24 g-index
56 ext. papers	751 ext. citations	3.1 avg, IF	3.82 L-index

#	Paper	IF	Citations
55	Biodegradation Study of Polyurethanes from Linseed and Passion Fruit Oils. <i>Coatings</i> , 2022 , 12, 617	2.9	1
54	Optical and morphological features of poly(vinyl carbazole)/ferrite composites for potential opto-electronic applications. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	0
53	Graphene Oxide/Zinc Oxide Nanocomposite Displaying Selective Toxicity to Glioblastoma Cell Lines. <i>ACS Applied Bio Materials</i> , 2021 , 4, 829-843	4.1	2
52	Starch-Mediated Immobilization, Photochemical Reduction, and Gas Sensitivity of Graphene Oxide Films. <i>ACS Omega</i> , 2020 , 5, 5001-5012	3.9	8
51	The Role Played by Graphene Oxide in the Photodeposition and Surface-Enhanced Raman Scattering Activity of Plasmonic Ag Nanoparticle Substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020 , 217, 1900965	1.6	1
50	Ethyl esters obtained from pequi and macaúba oils by transesterification with homogeneous acid catalysis. <i>Fuel</i> , 2020 , 259, 116206	7.1	16
49	Preparation of PLA blends by polycondensation of D,L-lactic acid using supported 12-tungstophosphoric acid as a heterogeneous catalyst. <i>Heliyon</i> , 2019 , 5, e01810	3.6	7
48	Original photochemical synthesis of Ag nanoparticles mediated by potato starch. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	9
47	Preliminary multiscale studies of the montmorillonite, amylose and fatty acids for polymer-clay nanocomposite modeling. <i>MRS Advances</i> , 2019 , 4, 1155-1160	0.7	0
46	Preliminary Molecular Dynamics Studies of the Montmorillonite, Amylose, Fatty Acids and Water for Polymer-Clay Nanocomposite Modeling. <i>MRS Advances</i> , 2018 , 3, 1659-1663	0.7	1
45	Molecular dynamics simulations of montmorillonite reinforcing amylose plasticized by Brazilian Cerrado oils: polymer-clay nanocomposite. <i>MRS Communications</i> , 2018 , 8, 266-274	2.7	3
44	Thermostability and physicochemical properties of two macaúba oils and their derivatives related to their use as a lubricant base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 132, 293-303	4.1	2
43	Quenching Effects of Graphene Oxides on the Fluorescence Emission and Reactive Oxygen Species Generation of Chloroaluminum Phthalocyanine. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 6842-6851	2.8	9
42	Preliminary analysis of N-vinylpyrrolidone based polymer gel dosimeter. <i>Polimeros</i> , 2018 , 28, 433-439	1.6	1
41	Molecular dynamics studies of amylose plasticized with Brazilian Cerrado oils: part I. <i>Polimeros</i> , 2018 , 28, 266-274	1.6	1
40	Photocatalytic Method for the Simultaneous Synthesis and Immobilization of Ag Nanoparticles onto Solid Substrates. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24110-24119	3.8	3
39	Facile green synthesis of nanomagnets for modulating magnetohyperthermia: tailoring size, shape and phase. <i>RSC Advances</i> , 2017 , 7, 47669-47680	3.7	6

38	Electrochemical behaviour of some redox couples at layer-by-layer assembled poly(diallyl dimethylammonium)/reduced graphene oxide electrodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017 , 214, 1700096	1.6	3
37	Synthesis of poly(lactic acid) by heterogeneous acid catalysis from d,l-lactic acid. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	9
36	Photochemically-assisted synthesis of non-toxic and biocompatible gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 317-323	6	25
35	Synthesis and Thermomechanical Properties of Polyurethanes and Biocomposites Derived from Macauba Oil and Coconut Husk Fibers. <i>Coatings</i> , 2015 , 5, 527-544	2.9	11
34	Facile Method to Tune the Particle Size and Thermal Stability of Magnetite Nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	2
33	Thermal and electrical properties of starch-graphene oxide nanocomposites improved by photochemical treatment. <i>Carbohydrate Polymers</i> , 2014 , 106, 305-11	10.3	38
32	Reduced graphene oxide multilayers for gas and liquid phases chemical sensing. <i>RSC Advances</i> , 2014 , 4, 17917	3.7	27
31	Investigation of the torsional barrier of EDOT using molecular mechanics and DFT methods. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2405	2	2
30	On the nuclearity of tricarbonylrhenium(I) complexes with N,O,O-donating Schiff bases derived from amino acids. <i>Journal of Organometallic Chemistry</i> , 2014 , 750, 80-85	2.3	4
29	POMA/PMMA blends modified by dye: Spectroscopic and morphological properties. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 183-189	2.9	
28	Comparative study of the oxidative and thermal stability of vegetable oils to be used as lubricant bases. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 1437-1442	4.1	18
27	Synthesis of polyols and polyurethanes from vegetable oils kinetic and characterization. <i>Journal of Polymer Research</i> , 2013 , 20, 1	2.7	19
26	Characterization of Polyurethanes from Vegetable Oils by TG/DTG, DMA and FT-IR. <i>Macromolecular Symposia</i> , 2012 , 319, 173-178	0.8	9
25	Studies of optical, morphological and electrical properties of POMA/PMMA blends, using two different levels of doping with CSA. <i>Polimeros</i> , 2012 , 22, 384-389	1.6	4
24	Reducing size-dispersion in one-pot aqueous synthesis of maghemite nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8061-6	1.3	9
23	Evaluation of Spectroscopic and Morphological Properties of PMMA Modified with ILs. <i>Macromolecular Symposia</i> , 2012 , 319, 203-209	0.8	2
22	Characterization of the PEDOT:PSS/KDP mixture on a flexible substrates and the use in pressure sensing devices. <i>Applied Surface Science</i> , 2011 , 257, 8594-8599	6.7	3
21	Preparaç�o, caracterizaç�o e degradaç�o de blendas PS/TPS usando glicerol e l�eo de buriti como plastificantes. <i>Polimeros</i> , 2010 , 20, 6-13	1.6	18

20	Thermal study and evaluation of new menthol-based ionic liquids as polymeric additives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 99, 539-543	4.1	16
19	Thermoplastic starch films with vegetable oils of Brazilian Cerrado. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 99, 675-679	4.1	23
18	Physicochemical and rheological properties of passion fruit oil and its polyol. <i>European Journal of Lipid Science and Technology</i> , 2010 , 112, 1253-1262	3	16
17	Luminescence and energy transfer from a β i oil in polystyrene matrix. <i>Optical Materials</i> , 2010 , 32, 1134-1138	3.9	4
16	Morphological and thermomechanical characterization of thermoplastic starch/montmorillonite nanocomposites. <i>Composite Structures</i> , 2010 , 92, 2066-2070	5.3	83
15	Synthesis and Characterization of Polymeric Materials from Vegetable Oils. <i>Macromolecular Symposia</i> , 2009 , 286, 89-94	0.8	11
14	Theoretical investigation of carotenoid ultraviolet spectra. <i>International Journal of Quantum Chemistry</i> , 2009 , 109, 739-745	2.1	34
13	Degradation of different polystyrene/thermoplastic starch blends buried in soil. <i>Carbohydrate Polymers</i> , 2009 , 75, 58-62	10.3	53
12	Synthesis and structural characterization of cadmium(II) complexes with chelating keto-hydroxy compounds: The X-ray molecular structure of [Cd ₂ (nq) ₄ (H ₂ O) ₄](BH ₂ O) (nqH = 2-hydroxynaphthoquinone). <i>Polyhedron</i> , 2009 , 28, 3811-3815	2.7	7
11	Thermal and structural behavior of Buriti oil/poly(methyl methacrylate) and Buriti oil/polystyrene materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 529-534	4.1	9
10	KDP/PEDOT:PSS mixture as a new alternative in the fabrication of pressure sensing devices. <i>Applied Surface Science</i> , 2008 , 255, 734-736	6.7	7
9	Polystyrene/thermoplastic starch blends with different plasticizers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 87, 635-638	4.1	61
8	The preparation of new oxoniobium(V) complexes from hydrated Niobium(V) Oxide: the crystal and molecular structure of Oxotris(2-pyridinolato-N-oxide)niobium(V). <i>Transition Metal Chemistry</i> , 2007 , 32, 112-116	2.1	11
7	Preparation and characterization of blends of recycled polystyrene with cassava starch. <i>Journal of Materials Science</i> , 2007 , 42, 7530-7536	4.3	31
6	Absorption and photoluminescence of Buriti oil/polystyrene and Buriti oil/poly(methyl methacrylate) blends. <i>European Polymer Journal</i> , 2006 , 42, 3324-3332	5.2	26
5	Energy transfer to Eu(III) in the solid-state low-density polyethylene/poly(acrylic acid) and low-density polyethylene/Eu ₂ O ₃ /poly(acrylic acid) matrices. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 919-931	2.9	1
4	Effect of iron(III) oxide on the thermal polymerization of methyl methacrylate in low density polyethylene matrix. <i>Polymer Bulletin</i> , 1996 , 36, 495-502	2.4	3
3	Low-density polyethylene modified by thermal polymerization of 4-vinylpyridine and methyl methacrylate: Structural studies. <i>Polymer Engineering and Science</i> , 1996 , 36, 1125-1128	2.3	3

2	Effects of film thickness and inhibitor concentration on the sorption and thermal polymerization of acrylic acid in low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 1993 , 47, 1395-1399	2.9	5
1	Sorption and thermal polymerization of vinyl monomers in low density polyethylene-iron (III) oxide composite. <i>Polymer Bulletin</i> , 1991 , 26, 665-672	2.4	4