

Joyce Araujo

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.

45
papers

1,535
citations

18
h-index

39
g-index

51
ext. papers

1,750
ext. citations

5
avg, IF

4.46
L-index

#	Paper	IF	Citations
45	Key parameters to enhance the antibacterial effect of graphene oxide in solution.. <i>RSC Advances</i> , 2021 , 11, 6509-6516	3.7	3
44	Polymeric nanowrinkles: surface modification of polypropylene films in the VUV energy range. <i>Journal of Materials Science</i> , 2021 , 56, 9532-9543	4.3	1
43	High-performance electrochemical sensor based on molecularly imprinted polypyrrole-graphene modified glassy carbon electrode. <i>Thin Solid Films</i> , 2020 , 699, 137875	2.2	9
42	Improvement of thermoplastic elastomer degradation resistance by low-energy plasma immersion ion bombardment. <i>Materials Chemistry and Physics</i> , 2020 , 242, 122467	4.4	3
41	Graphene as interface modifier in ITO and ITO-Cr electrodes. <i>Current Applied Physics</i> , 2020 , 20, 846-852	2.6	2
40	Optimization of Benzodiazepine Drugs Removal from Water by Heterogeneous Photocatalysis Using TiO ₂ /Activated Carbon Composite. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	13
39	Effect of HMVF and LMVF layers thickness and annealing on the optical properties of Ti-Si-O-N films for mid-temperature solar thermal absorbers. <i>Solar Energy</i> , 2019 , 189, 318-324	6.8	1
38	Kraft lignin and polyethylene terephthalate blends: effect on thermal and mechanical properties. <i>Polimeros</i> , 2019 , 29,	1.6	3
37	Cross-linked lignin coatings produced by UV light and SF ₆ plasma treatments. <i>Progress in Organic Coatings</i> , 2019 , 128, 82-89	4.8	3
36	Characterization of Polyaniline-Based Blends, Composites, and Nanocomposites 2018 , 209-233		3
35	Assessment of the Impact of Microgrid Control Strategies in the Power Distribution Reliability Indices. <i>Journal of Control, Automation and Electrical Systems</i> , 2017 , 28, 271-283	1.5	15
34	Nanoscale analyses of the surface structure and composition of biochars extracted from field trials or after co-composting using advanced analytical electron microscopy. <i>Geoderma</i> , 2017 , 294, 70-79	6.7	65
33	Activation of Tungsten Oxide for Propane Dehydrogenation and Its High Catalytic Activity and Selectivity. <i>Catalysis Letters</i> , 2017 , 147, 622-632	2.8	29
32	Biochar built soil carbon over a decade by stabilizing rhizodeposits. <i>Nature Climate Change</i> , 2017 , 7, 371-374	37.6	155
31	TiO ₂ nanotubes enriched with calcium, phosphorous and zinc: promising bio-selective functional surfaces for osseointegrated titanium implants. <i>RSC Advances</i> , 2017 , 7, 49720-49738	3.7	14
30	Hardening of Al thin films by TiC doping. <i>Surface and Coatings Technology</i> , 2017 , 325, 650-655	4.4	4
29	Paper spray ionization mass spectrometry applied to forensic chemistry [drugs of abuse, inks and questioned documents. <i>Analytical Methods</i> , 2017 , 9, 4400-4409	3.2	35

28	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and ¹ H NMR. <i>European Polymer Journal</i> , 2016 , 85, 588-604	5.2	14
27	Versailles Project on Advanced Materials and Standards Interlaboratory Study on Measuring the Thickness and Chemistry of Nanoparticle Coatings Using XPS and LEIS. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 24070-24079	3.8	28
26	Copper Nanocrystals Encapsulated in Zr-based Metal-Organic Frameworks for Highly Selective CO Hydrogenation to Methanol. <i>Nano Letters</i> , 2016 , 16, 7645-7649	11.5	285
25	Nucleation, Growth Mechanism, and Controlled Coating of ZnO ALD onto Vertically Aligned N-Doped CNTs. <i>Langmuir</i> , 2016 , 32, 7038-44	4	14
24	Nanocrystalline anatase TiO ₂ /reduced graphene oxide composite films as photoanodes for photoelectrochemical water splitting studies: the role of reduced graphene oxide. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2608-16	3.6	73
23	Phosphorous bonding in single wall carbon nanotubes studied by X-ray photoelectron spectroscopy and DFT calculations. <i>Carbon</i> , 2016 , 99, 1-7	10.4	13
22	Final report of CCQM-K129 Measurement of Mole Fractions of Cu, In, Ga and Se in Cu(In,Ga)Se ₂ Films. <i>Metrologia</i> , 2016 , 53, 08011-08011	2.1	4
21	Study of Carbon Nanostructures for Soil Fertility Improvement. <i>Nanomedicine and Nanotoxicology</i> , 2016 , 85-104	0.3	
20	Effect of graphene oxide on bacteria and peripheral blood mononuclear cells. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016 , 14, e423-e430	1.8	3
19	Calcium incorporation in graphene oxide particles: A morphological, chemical, electrical, and thermal study. <i>Thin Solid Films</i> , 2016 , 610, 10-18	2.2	22
18	Understanding growth mechanisms and tribocorrosion behaviour of porous TiO ₂ anodic films containing calcium, phosphorous and magnesium. <i>Applied Surface Science</i> , 2015 , 341, 1-12	6.7	67
17	Localized surface grafting reactions on carbon nanofibers induced by gamma and e-beam irradiation. <i>Applied Surface Science</i> , 2015 , 335, 78-84	6.7	12
16	New transfer method of CVD-grown graphene using a flexible, transparent and conductive polyaniline-rubber thin film for organic electronic applications. <i>Chemical Engineering Journal</i> , 2015 , 273, 509-518	14.7	43
15	Effects of plasma on polyethylene fiber surface for prosthodontic application. <i>Journal of Applied Oral Science</i> , 2015 , 23, 614-22	3.3	7
14	Classification of soil samples based on Raman spectroscopy and X-ray fluorescence spectrometry combined with chemometric methods and variable selection. <i>Analytical Methods</i> , 2014 , 6, 8930-8939	3.2	14
13	Chemical analysis and molecular models for calcium-oxygen-carbon interactions in black carbon found in fertile Amazonian anthrosoils. <i>Environmental Science & Technology</i> , 2014 , 48, 7445-52	10.3	44
12	A study of the physical, chemical and biological properties of TiO ₂ coatings produced by micro-arc oxidation in a Ca-P-based electrolyte. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 1769-80	4.5	21
11	Selective extraction of humic acids from an anthropogenic Amazonian dark earth and from a chemically oxidized charcoal. <i>Biology and Fertility of Soils</i> , 2014 , 50, 1223-1232	6.1	45

10	Elastomer composite based on EPDM reinforced with polyaniline coated curau fibers prepared by mechanical mixing. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	6
9	Antistatic-reinforced biocomposites of polyamide-6 and polyaniline-coated curau fibers prepared on a pilot plant scale. <i>Polymer Composites</i> , 2013 , 34, 1081-1090	3	17
8	Crystallinity, oxidation states and morphology of polyaniline coated curau fibers in polyamide-6 composites. <i>Composites Science and Technology</i> , 2013 , 88, 106-112	8.6	9
7	Nanocomposites based on MWCNT and styrene-butadiene-tyrene block copolymers: Effect of the preparation method on dispersion and polymer-filler interactions. <i>Composites Science and Technology</i> , 2012 , 72, 1487-1492	8.6	25
6	Conductive composites of polyamide-6 with polyaniline coated vegetal fiber. <i>Chemical Engineering Journal</i> , 2011 , 174, 425-431	14.7	31
5	Polyolefin composites with curau fibres: Effect of the processing conditions on mechanical properties, morphology and fibres dimensions. <i>Composites Science and Technology</i> , 2010 , 70, 29-35	8.6	55
4	Biomicrofibrillar composites of high density polyethylene reinforced with curau fibers: Mechanical, interfacial and morphological properties. <i>Composites Science and Technology</i> , 2010 , 70, 1637-1644	8.6	56
3	Polyamide-6/high-density polyethylene blend using recycled high-density polyethylene as compatibilizer: Morphology, mechanical properties, and thermal stability. <i>Polymer Engineering and Science</i> , 2009 , 49, 2005-2014	2.3	13
2	Thermal properties of high density polyethylene composites with natural fibres: Coupling agent effect. <i>Polymer Degradation and Stability</i> , 2008 , 93, 1770-1775	4.7	235
1	Use of postconsumer polyethylene in blends with polyamide 6: Effects of the extrusion method and the compatibilizer. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 1310-1317	2.9	18