

Ricardo J B Pinto

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.

41
papers

1,724
citations

21
h-index

41
g-index

42
ext. papers

1,931
ext. citations

6.3
avg, IF

4.53
L-index

#	Paper	IF	Citations
41	Biodistribution and pulmonary metabolic effects of silver nanoparticles in mice following acute intratracheal instillations. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 2301-2314	5.1	4
40	Cellulose Nanocrystals/Chitosan-Based Nanosystems: Synthesis, Characterization, and Cellular Uptake on Breast Cancer Cells. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
39	Antioxidant and antimicrobial films based on brewers spent grain arabinoxylans, nanocellulose and feruloylated compounds for active packaging. <i>Food Hydrocolloids</i> , 2020 , 108, 105836	10.6	37
38	Multifunctional hybrid structures made of open-cell aluminum foam impregnated with cellulose/graphene nanocomposites. <i>Carbohydrate Polymers</i> , 2020 , 238, 116197	10.3	9
37	One-Minute Synthesis of Size-Controlled Fucoidan-Gold Nanosystems: Antitumoral Activity and Dark Field Imaging. <i>Materials</i> , 2020 , 13,	3.5	4
36	Highly Electroconductive Nanopapers Based on Nanocellulose and Copper Nanowires: A New Generation of Flexible and Sustainable Electrical Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34208-34216	9.5	11
35	Dual nanofibrillar-based bio-sorbent films composed of nanocellulose and lysozyme nanofibrils for mercury removal from spring waters. <i>Carbohydrate Polymers</i> , 2020 , 238, 116210	10.3	16
34	Nanocellulose-Based Patches Loaded with Hyaluronic Acid and Diclofenac towards Aphthous Stomatitis Treatment. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
33	Bio-based synthesis of oxidation resistant copper nanowires using an aqueous plant extract. <i>Journal of Cleaner Production</i> , 2019 , 221, 122-131	10.3	18
32	High pressure extraction of bioactive diterpenes from the macroalgae : an efficient and environmentally friendly approach.. <i>RSC Advances</i> , 2019 , 9, 39893-39903	3.7	1
31	NMR Metabolomics Reveals Metabolism-Mediated Protective Effects in Liver (HepG2) Cells Exposed to Subtoxic Levels of Silver Nanoparticles. <i>Journal of Proteome Research</i> , 2018 , 17, 1636-1646	5.6	13
30	Tuning lysozyme nanofibers dimensions using deep eutectic solvents for improved reinforcement ability. <i>International Journal of Biological Macromolecules</i> , 2018 , 115, 518-527	7.9	12
29	Ionic liquids as promoters of fast lysozyme fibrillation. <i>Journal of Molecular Liquids</i> , 2018 , 272, 456-467	6	11
28	Demystifying the morphology and size control on the biosynthesis of gold nanoparticles using Eucalyptus globulus bark extract. <i>Industrial Crops and Products</i> , 2017 , 105, 83-92	5.9	23
27	Thermosetting AESO-bacterial cellulose nanocomposite foams with tailored mechanical properties obtained by Pickering emulsion templating. <i>Polymer</i> , 2017 , 118, 127-134	3.9	21
26	Exploiting poly(ionic liquids) and nanocellulose for the development of bio-based anion-exchange membranes. <i>Biomass and Bioenergy</i> , 2017 , 100, 116-125	5.3	29
25	Wheat chronic exposure to TiO-nanoparticles: Cyto- and genotoxic approach. <i>Plant Physiology and Biochemistry</i> , 2017 , 121, 89-98	5.4	26

24	Antimicrobial Properties and Therapeutic Applications of Silver Nanoparticles and Nanocomposites 2017 , 223-259		5
23	Bioactive chitosan/ellagic acid films with UV-light protection for active food packaging. <i>Food Hydrocolloids</i> , 2017 , 73, 120-128	10.6	100
22	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017 , 137, 265-276	4.6	35
21	1 Development and applications of cellulose nanofibres based polymer nanocomposites 2017 , 1-65		2
20	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , 2016 , 17, 1395-403	6.9	42
19	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 225-231	7.9	5
18	Production of lysozyme nanofibers using deep eutectic solvent aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 36-44	6	25
17	Unveiling the chemistry behind the green synthesis of metal nanoparticles. <i>ChemSusChem</i> , 2014 , 7, 27048131	11	26
16	Cationic release behaviour of antimicrobial cellulose/silver nanocomposites. <i>Cellulose</i> , 2014 , 21, 3551-3560	9	9
15	One-pot synthesis of biofoams from castor oil and cellulose microfibrils for energy absorption impact materials. <i>Cellulose</i> , 2014 , 21, 1723-1733	5.5	9
14	An overview of luminescent bio-based composites. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a.	9	19
13	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 143-8	6	86
12	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1890-1896	2.3	13
11	Antibacterial activity of nanocomposites of copper and cellulose. <i>BioMed Research International</i> , 2013 , 2013, 280512	3	80
10	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5043-5049	2.3	34
9	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. <i>Cellulose</i> , 2012 , 19, 1425-1436	5.5	150
8	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. <i>Carbohydrate Research</i> , 2012 , 348, 77-83	2.9	123
7	Composites of Cellulose and Metal Nanoparticles 2012 ,		27

6	Transparent bionanocomposites with improved properties prepared from acetylated bacterial cellulose and poly(lactic acid) through a simple approach. <i>Green Chemistry</i> , 2011 , 13, 419	10	117
5	Antibacterial activity of nanocomposites of silver and bacterial or vegetable cellulosic fibers. <i>Acta Biomaterialia</i> , 2009 , 5, 2279-89	10.8	234
4	Surface modification of cellulosic fibres for multi-purpose TiO ₂ based nanocomposites. <i>Composites Science and Technology</i> , 2009 , 69, 1051-1056	8.6	95
3	Silver-bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 439-443	2.3	83
2	Novel SiO ₂ /cellulose nanocomposites obtained by in situ synthesis and via polyelectrolytes assembly. <i>Composites Science and Technology</i> , 2008 , 68, 1088-1093	8.6	86
1	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. <i>Journal of Colloid and Interface Science</i> , 2007 , 312, 506-12	9.3	69