

Ricardo J B Pinto

List of Publications by Year in descending order

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41
papers

2,153
citations

257101

24
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315357

38
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42
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docs citations

42
times ranked

3336
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial activity of nanocomposites of silver and bacterial or vegetable cellulosic fibers. <i>Acta Biomaterialia</i> , 2009, 5, 2279-2289.	4.1	262
2	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. <i>Cellulose</i> , 2012, 19, 1425-1436.	2.4	161
3	Bioactive chitosan/ellagic acid films with UV-light protection for active food packaging. <i>Food Hydrocolloids</i> , 2017, 73, 120-128.	5.6	142
4	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. <i>Carbohydrate Research</i> , 2012, 348, 77-83.	1.1	136
5	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.	4.6	126
6	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, 143-148.	2.5	110
7	Surface modification of cellulosic fibres for multi-purpose TiO ₂ based nanocomposites. <i>Composites Science and Technology</i> , 2009, 69, 1051-1056.	3.8	104
8	Antibacterial Activity of Nanocomposites of Copper and Cellulose. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	101
9	Silver-impregnated bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 439-443.	1.2	97
10	Novel SiO ₂ /cellulose nanocomposites obtained by in situ synthesis and via polyelectrolytes assembly. <i>Composites Science and Technology</i> , 2008, 68, 1088-1093.	3.8	97
11	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 506-512.	5.0	78
12	Antioxidant and antimicrobial films based on brewers spent grain arabinoxylans, nanocellulose and feruloylated compounds for active packaging. <i>Food Hydrocolloids</i> , 2020, 108, 105836.	5.6	68
13	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , 2016, 17, 1395-1403.	2.6	53
14	Exploiting poly(ionic liquids) and nanocellulose for the development of bio-based anion-exchange membranes. <i>Biomass and Bioenergy</i> , 2017, 100, 116-125.	2.9	40
15	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , 2017, 137, 265-276.	2.0	40
16	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5043-5049.	1.0	37
17	Unveiling the Chemistry behind the Green Synthesis of Metal Nanoparticles. <i>ChemSusChem</i> , 2014, 7, 2704-2711.	3.6	37
18	Production of lysozyme nanofibers using deep eutectic solvent aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 36-44.	2.5	34

#	ARTICLE	IF	CITATIONS
19	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.	2.5	34
20	Wheat chronic exposure to TiO ₂ -nanoparticles: Cyto- and genotoxic approach. <i>Plant Physiology and Biochemistry</i> , 2017, 121, 89-98.	2.8	33
21	Composites of Cellulose and Metal Nanoparticles. , 0, , .		31
22	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.	5.1	30
23	Bio-based synthesis of oxidation resistant copper nanowires using an aqueous plant extract. <i>Journal of Cleaner Production</i> , 2019, 221, 122-131.	4.6	27
24	Multifunctional hybrid structures made of open-cell aluminum foam impregnated with cellulose/graphene nanocomposites. <i>Carbohydrate Polymers</i> , 2020, 238, 116197.	5.1	26
25	Thermosetting AESO-bacterial cellulose nanocomposite foams with tailored mechanical properties obtained by Pickering emulsion templating. <i>Polymer</i> , 2017, 118, 127-134.	1.8	25
26	An overview of luminescent bio-based composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	24
27	Nanocellulose-Based Patches Loaded with Hyaluronic Acid and Diclofenac towards Aphthous Stomatitis Treatment. <i>Nanomaterials</i> , 2020, 10, 628.	1.9	24
28	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.	4.0	21
29	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.	1.8	20
30	Cellulose Nanocrystals/Chitosan-Based Nanosystems: Synthesis, Characterization, and Cellular Uptake on Breast Cancer Cells. <i>Nanomaterials</i> , 2021, 11, 2057.	1.9	18
31	Ionic liquids as promoters of fast lysozyme fibrillation. <i>Journal of Molecular Liquids</i> , 2018, 272, 456-467.	2.3	16
32	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1890-1896.	1.0	15
33	Tuning lysozyme nanofibers dimensions using deep eutectic solvents for improved reinforcement ability. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 518-527.	3.6	15
34	Cationic release behaviour of antimicrobial cellulose/silver nanocomposites. <i>Cellulose</i> , 2014, 21, 3551-3560.	2.4	12
35	One-pot synthesis of biofoams from castor oil and cellulose microfibers for energy absorption impact materials. <i>Cellulose</i> , 2014, 21, 1723-1733.	2.4	12
36	One-Minute Synthesis of Size-Controlled Fucoidan-Gold Nanosystems: Antitumoral Activity and Dark Field Imaging. <i>Materials</i> , 2020, 13, 1076.	1.3	12

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37	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.	2.7	12
38	1 Development and applications of cellulose nanofibres based polymer nanocomposites. , 2017, , 1-65.		8
39	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 225-231.	3.6	7
40	Antimicrobial Properties and Therapeutic Applications of Silver Nanoparticles and Nanocomposites. , 2017, , 223-259.		6
41	High pressure extraction of bioactive diterpenes from the macroalgae <i>Bifurcaria bifurcata</i> : an efficient and environmentally friendly approach. <i>RSC Advances</i> , 2019, 9, 39893-39903.	1.7	2