

# Ricardo J B Pinto

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/287077/ricardo-j-b-pinto-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Antibacterial activity of nanocomposites of silver and bacterial or vegetable cellulosic fibers. <i>Acta Biomaterialia</i> , <b>2009</b> , 5, 2279-89	10.8	234
40	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. <i>Cellulose</i> , <b>2012</b> , 19, 1425-1436	5.5	150
39	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. <i>Carbohydrate Research</i> , <b>2012</b> , 348, 77-83	2.9	123
38	Transparent bionanocomposites with improved properties prepared from acetylated bacterial cellulose and poly(lactic acid) through a simple approach. <i>Green Chemistry</i> , <b>2011</b> , 13, 419	10	117
37	Bioactive chitosan/ellagic acid films with UV-light protection for active food packaging. <i>Food Hydrocolloids</i> , <b>2017</b> , 73, 120-128	10.6	100
36	Surface modification of cellulosic fibres for multi-purpose TiO <sub>2</sub> based nanocomposites. <i>Composites Science and Technology</i> , <b>2009</b> , 69, 1051-1056	8.6	95
35	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 103, 143-8	6	86
34	Novel SiO <sub>2</sub> /cellulose nanocomposites obtained by in situ synthesis and via polyelectrolytes assembly. <i>Composites Science and Technology</i> , <b>2008</b> , 68, 1088-1093	8.6	86
33	Silver-bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , <b>2008</b> , 39, 439-443	2.3	83
32	Antibacterial activity of nanocomposites of copper and cellulose. <i>BioMed Research International</i> , <b>2013</b> , 2013, 280512	3	80
31	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 312, 506-12	9.3	69
30	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , <b>2016</b> , 17, 1395-403	6.9	42
29	Antioxidant and antimicrobial films based on brewers spent grain arabinoxylans, nanocellulose and feruloylated compounds for active packaging. <i>Food Hydrocolloids</i> , <b>2020</b> , 108, 105836	10.6	37
28	Control of <i>Listeria innocua</i> biofilms by biocompatible photodynamic antifouling chitosan based materials. <i>Dyes and Pigments</i> , <b>2017</b> , 137, 265-276	4.6	35
27	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5043-5049	2.3	34
26	Exploiting poly(ionic liquids) and nanocellulose for the development of bio-based anion-exchange membranes. <i>Biomass and Bioenergy</i> , <b>2017</b> , 100, 116-125	5.3	29
25	Composites of Cellulose and Metal Nanoparticles <b>2012</b> ,		27

24	Wheat chronic exposure to TiO-nanoparticles: Cyto- and genotoxic approach. <i>Plant Physiology and Biochemistry</i> , <b>2017</b> , 121, 89-98	5.4	26
23	Unveiling the chemistry behind the green synthesis of metal nanoparticles. <i>ChemSusChem</i> , <b>2014</b> , 7, 2704811	4.1	26
22	Production of lysozyme nanofibers using deep eutectic solvent aqueous solutions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 36-44	6	25
21	Demystifying the morphology and size control on the biosynthesis of gold nanoparticles using Eucalyptus globulus bark extract. <i>Industrial Crops and Products</i> , <b>2017</b> , 105, 83-92	5.9	23
20	Thermosetting AESO-bacterial cellulose nanocomposite foams with tailored mechanical properties obtained by Pickering emulsion templating. <i>Polymer</i> , <b>2017</b> , 118, 127-134	3.9	21
19	An overview of luminescent bio-based composites. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	19
18	Bio-based synthesis of oxidation resistant copper nanowires using an aqueous plant extract. <i>Journal of Cleaner Production</i> , <b>2019</b> , 221, 122-131	10.3	18
17	Dual nanofibrillar-based bio-sorbent films composed of nanocellulose and lysozyme nanofibrils for mercury removal from spring waters. <i>Carbohydrate Polymers</i> , <b>2020</b> , 238, 116210	10.3	16
16	NMR Metabolomics Reveals Metabolism-Mediated Protective Effects in Liver (HepG2) Cells Exposed to Subtoxic Levels of Silver Nanoparticles. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1636-1646	5.6	13
15	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1890-1896	2.3	13
14	Tuning lysozyme nanofibers dimensions using deep eutectic solvents for improved reinforcement ability. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 115, 518-527	7.9	12
13	Highly Electroconductive Nanopapers Based on Nanocellulose and Copper Nanowires: A New Generation of Flexible and Sustainable Electrical Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34208-34216	9.5	11
12	Ionic liquids as promoters of fast lysozyme fibrillation. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 272, 456-467	6	11
11	Multifunctional hybrid structures made of open-cell aluminum foam impregnated with cellulose/graphene nanocomposites. <i>Carbohydrate Polymers</i> , <b>2020</b> , 238, 116197	10.3	9
10	Cationic release behaviour of antimicrobial cellulose/silver nanocomposites. <i>Cellulose</i> , <b>2014</b> , 21, 3551-3560	5.9	9
9	One-pot synthesis of biofoams from castor oil and cellulose microfibers for energy absorption impact materials. <i>Cellulose</i> , <b>2014</b> , 21, 1723-1733	5.5	9
8	Nanocellulose-Based Patches Loaded with Hyaluronic Acid and Diclofenac towards Aphthous Stomatitis Treatment. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	9
7	Cellulose Nanocrystals/Chitosan-Based Nanosystems: Synthesis, Characterization, and Cellular Uptake on Breast Cancer Cells. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	6

6	Antimicrobial Properties and Therapeutic Applications of Silver Nanoparticles and Nanocomposites <b>2017</b> , 223-259		5
5	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 92, 225-231	7.9	5
4	One-Minute Synthesis of Size-Controlled Fucoidan-Gold Nanosystems: Antitumoral Activity and Dark Field Imaging. <i>Materials</i> , <b>2020</b> , 13,	3.5	4
3	Biodistribution and pulmonary metabolic effects of silver nanoparticles in mice following acute intratracheal instillations. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 2301-2314	5.1	4
2	1 Development and applications of cellulose nanofibres based polymer nanocomposites <b>2017</b> , 1-65		2
1	High pressure extraction of bioactive diterpenes from the macroalgae : an efficient and environmentally friendly approach.. <i>RSC Advances</i> , <b>2019</b> , 9, 39893-39903	3.7	1