

Ana M Rosa Da Costa

List of Publications by Citations

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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.

61

papers

1,288

citations

22

h-index

33

g-index

62

ext. papers

1,466

ext. citations

5.1

avg, IF

4.58

L-index

#	Paper	IF	Citations
61	Chitosan/carrageenan nanoparticles: effect of cross-linking with tripolyphosphate and charge ratios. <i>Carbohydrate Polymers</i> , 2012 , 89, 282-9	10.3	175
60	Oxidative leaching process with cupric ion in hydrochloric acid media for recovery of Pd and Rh from spent catalytic converters. <i>Journal of Hazardous Materials</i> , 2014 , 278, 82-90	12.8	61
59	Pullulan-based nanoparticles as carriers for transmucosal protein delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 50, 102-13	5.1	52
58	Non-viral strategies for ocular gene delivery. <i>Materials Science and Engineering C</i> , 2017 , 77, 1275-1289	8.3	50
57	Determination of the botanical origin of honey by sensor fusion of impedance e-tongue and optical spectroscopy. <i>Computers and Electronics in Agriculture</i> , 2013 , 94, 1-11	6.5	44
56	Asymmetric synthesis of N-aryl aziridines. <i>Tetrahedron: Asymmetry</i> , 2002 , 12, 3349-3365		44
55	Synthesis of phenanthridines by radical Caryl-Caryl coupling. <i>Tetrahedron</i> , 1997 , 53, 269-284	2.4	42
54	Mechanism of uranium (VI) removal by two anaerobic bacterial communities. <i>Journal of Hazardous Materials</i> , 2010 , 184, 89-96	12.8	39
53	Recovery of Platinum and Palladium from Chloride Solutions by a Thiodiglycolamide Derivative. <i>Solvent Extraction and Ion Exchange</i> , 2014 , 32, 78-94	2.5	38
52	New syntheses of the amaryllidaceae alkaloids vasconine, oxoassoanine, pratosine and ismine by radical cyclisation. <i>Tetrahedron</i> , 1997 , 53, 299-306	2.4	36
51	The chemistry and reactivity of aryl radicals in the C-C bond formation from o-bromobenzylphenylethers with tin hydride and azobisisobutyronitrile. <i>Tetrahedron</i> , 1997 , 53, 285-298	2.4	35
50	Development of a highly sensitive bacteria detection assay using fluorescent pH-responsive polymeric micelles. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3517-23	11.8	34
49	Aryl-aryl coupling induced by n-tributylstannyl hydride: an efficient phenanthridine synthesis. <i>Tetrahedron Letters</i> , 1990 , 31, 1881-1884	2	33
48	Charged pullulan derivatives for the development of nanocarriers by polyelectrolyte complexation. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 129-38	7.9	31
47	Chitosan/sulfated locust bean gum nanoparticles: In vitro and in vivo evaluation towards an application in oral immunization. <i>International Journal of Biological Macromolecules</i> , 2017 , 96, 786-797	7.9	29
46	Metabolic fingerprinting of gilthead seabream (<i>Sparus aurata</i>) liver to track interactions between dietary factors and seasonal temperature variations. <i>PeerJ</i> , 2014 , 2, e527	3.1	27
45	Biocompatibility and Stability of Polysaccharide Polyelectrolyte Complexes Aimed at Respiratory Delivery. <i>Materials</i> , 2015 , 8, 5647-5670	3.5	26

44	Inhalable Antitubercular Therapy Mediated by Locust Bean Gum Microparticles. <i>Molecules</i> , 2016 , 21,	4.8	26
43	Liquid-Liquid Extraction of Platinum from Chloride Media by N,N?-Dimethyl-N,N?-Dicyclohexyltetradecylmalonamide. <i>Solvent Extraction and Ion Exchange</i> , 2013 , 31, 12-23	2.5	24
42	Antioxidant and anti-cholinesterase activities of <i>Lavandula viridis</i> LHB extracts after in vitro gastrointestinal digestion. <i>Industrial Crops and Products</i> , 2014 , 55, 83-89	5.9	23
41	The Solvent Extraction Performance of N,N?-Dimethyl-N,N?-Diethylmalonamide Towards Platinum and Palladium in Chloride Media. <i>Separation Science and Technology</i> , 2014 , 49, 966-973	2.5	23
40	Impact of Biohybrid Magnetite Nanoparticles and Moroccan Propolis on Adherence of Methicillin Resistant Strains of <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2016 , 21,	4.8	23
39	Spray-drying of konjac glucomannan to produce microparticles for an application as antitubercular drug carriers. <i>Powder Technology</i> , 2019 , 342, 246-252	5.2	22
38	Inhalable Fucoidan Microparticles Combining Two Antitubercular Drugs with Potential Application in Pulmonary Tuberculosis Therapy. <i>Polymers</i> , 2018 , 10,	4.5	21
37	Synthesis and characterization of Locust Bean Gum derivatives and their application in the production of nanoparticles. <i>Carbohydrate Polymers</i> , 2018 , 181, 974-985	10.3	21
36	Dietary Creatine Supplementation in Gilthead Seabream (<i>Lepomis niloticus</i>): Comparative Proteomics Analysis on Fish Allergens, Muscle Quality, and Liver. <i>Frontiers in Physiology</i> , 2018 , 9, 1844	4.6	21
35	Inhalable chitosan microparticles for simultaneous delivery of isoniazid and rifabutin in lung tuberculosis treatment. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1313-1320	3.6	20
34	Dual antibiotherapy of tuberculosis mediated by inhalable locust bean gum microparticles. <i>International Journal of Pharmaceutics</i> , 2017 , 529, 433-441	6.5	19
33	Transfection efficiency of chitosan and thiolated chitosan in retinal pigment epithelium cells: A comparative study. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2013 , 5, 111-8	1.1	18
32	Evaluation of cystamine-modified hyaluronic acid/chitosan polyplex as retinal gene vector. <i>Materials Science and Engineering C</i> , 2016 , 58, 264-72	8.3	17
31	N,N?-tetrasubstituted succinamides as new molecules for liquid-liquid extraction of Pt(IV) from chloride media. <i>Separation and Purification Technology</i> , 2016 , 158, 409-416	8.3	16
30	Characterization and comparison of two novel nanosystems associated with siRNA for cellular therapy. <i>International Journal of Pharmaceutics</i> , 2016 , 497, 255-67	6.5	16
29	N,N?-dimethyl-N,N?-dicyclohexylsuccinamide: A novel molecule for the separation and recovery of Pd(II) by liquid-liquid extraction. <i>Separation and Purification Technology</i> , 2018 , 201, 96-105	8.3	14
28	Locust bean gum as an alternative polymeric coating for embryonic stem cell culture. <i>Materials Science and Engineering C</i> , 2014 , 40, 336-44	8.3	14
27	Efficiency of RAFT-synthesized PDMAEMA in gene transfer to the retina. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 265-275	4.4	13

26	Electrostatic repulsion between cucurbit[7]urils can be overcome in [3]pseudorotaxane without adding salts. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3886-94	4.2	11
25	Magnetite nanoparticles functionalized with propolis against methicillin resistant strains of <i>Staphylococcus aureus</i> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 102, 25-33	5.3	10
24	Inhalable Spray-Dried Chondroitin Sulphate Microparticles: Effect of Different Solvents on Particle Properties and Drug Activity. <i>Polymers</i> , 2020 , 12,	4.5	9
23	A bridge between liquid-liquid extraction and the use of bacterial communities for palladium and platinum recovery as nanosized metal sulphides. <i>Hydrometallurgy</i> , 2016 , 163, 40-48	4	9
22	One-minute and green synthesis of magnetic iron oxide nanoparticles assisted by design of experiments and high energy ultrasound: Application to biosensing and immunoprecipitation. <i>Materials Science and Engineering C</i> , 2021 , 123, 112023	8.3	8
21	Leaching efficiency and kinetics of the recovery of palladium and rhodium from a spent auto-catalyst in HCl/CuCl media. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 2293-2304	2.6	8
20	LIGAND SIZE POLYDISPERSITY EFFECT ON SSCP SIGNAL INTERPRETATION. <i>Electrochimica Acta</i> , 2015 , 166, 395-402	6.7	7
19	Carrageenan from red algae: an application in the development of inhalable tuberculosis therapy targeting the macrophages. <i>Drug Delivery and Translational Research</i> , 2020 , 10, 1675-1687	6.2	7
18	Temporal metabolic profiling of the <i>Quercus suber</i> - <i>Phytophthora cinnamomi</i> system by middle-infrared spectroscopy. <i>Forest Pathology</i> , 2016 , 46, 122-133	1.2	7
17	Spray-dried fucoidan microparticles for pulmonary delivery of antitubercular drugs. <i>Journal of Microencapsulation</i> , 2018 , 35, 392-405	3.4	7
16	Intrinsic and extrinsic resistive switching in a planar diode based on silver oxide nanoparticles. <i>Thin Solid Films</i> , 2012 , 522, 407-411	2.2	7
15	Photosensitizers for photodynamic therapy: One-pot heterogeneous catalytic transfer reduction of porphyrins. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 294-7	1.1	7
14	Engineering of konjac glucomannan into respirable microparticles for delivery of antitubercular drugs. <i>International Journal of Pharmaceutics</i> , 2021 , 604, 120731	6.5	6
13	Insights on the intracellular trafficking of PDMAEMA gene therapy vectors. <i>Materials Science and Engineering C</i> , 2018 , 93, 277-288	8.3	5
12	Self-assembled polymeric nanoparticles as new, smart contrast agents for cancer early detection using magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2015 , 10, 63-76	7.3	5
11	Importance of phenols structure on their activity as antinitrosating agents: A kinetic study. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 128-34	1.1	5
10	Equilibrium constants and protonation site for N-methylbenzenesulfonamides. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1732-8	2.5	4
9	Novel triblock co-polymer nanofibre system as an alternative support for embryonic stem cells growth and pluripotency. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016 , 10, E467-E476	4.4	4

8	Mid-infrared spectroscopic screening of metabolic alterations in stress-exposed gilthead seabream (<i>Sparus aurata</i>). <i>Scientific Reports</i> , 2020 , 10, 16343	4.9	3
7	Cytocompatibility and cellular interactions of chondroitin sulfate microparticles designed for inhaled tuberculosis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 163, 171-178	5.7	3
6	Human-derived NLS enhance the gene transfer efficiency of chitosan. <i>Bioscience Reports</i> , 2021 , 41,	4.1	3
5	Non-volatile memory device using a polymer modified nanocrystal. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011 , 176, 1552-1555	3.1	2
4	Encapsulation of <i>Rosmarinus officinalis</i> essential oil in β -cyclodextrins. <i>Journal of Food Processing and Preservation</i> , 2021 , 45, e15806	2.1	2
3	Effect of monomer organization on the behavior of PSS-PS micelles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 506, 313-319	5.1	1
2	Planar Non-Volatile Memory based on Metal Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1337, 145		1
1	Effect of creatine and EDTA supplemented diets on European seabass (<i>Dicentrarchus labrax</i>) allergenicity, fish muscle quality and omics fingerprint. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021 , 41, 100941	2	0