

# Antonio A Lozano-PÃ©rez

## List of Publications by Year in descending order

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39  
papers

1,467  
citations

331259

21  
h-index

315357

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2324  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Sterilization on the Characteristics of Silk Fibroin Nanoparticles. <i>Polymers</i> , 2022, 14, 498.	2.0	6
2	Influence of addition of organic fillers on the properties of mechanically recycled PLA. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24291-24304.	2.7	25
3	Effect of Yerba Mate and Silk Fibroin Nanoparticles on the Migration Properties in Ethanolic Food Simulants and Composting Disintegrability of Recycled PLA Nanocomposites. <i>Polymers</i> , 2021, 13, 1925.	2.0	7
4	Silk fibroin nanoparticles enhance quercetin immunomodulatory properties in DSS-induced mouse colitis. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120935.	2.6	33
5	Extraction and Encapsulation of Phenolic Compounds of Tunisian Rosemary ( <i>Rosmarinus officinalis</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	16
6	The silk of gorse spider mite <i>Tetranychus lintearius</i> represents a novel natural source of nanoparticles and biomaterials. <i>Scientific Reports</i> , 2020, 10, 18471.	1.6	7
7	Comparative Study of the Antioxidant and Anti-Inflammatory Effects of Leaf Extracts from Four Different <i>Morus alba</i> Genotypes in High Fat Diet-Induced Obesity in Mice. <i>Antioxidants</i> , 2020, 9, 733.	2.2	24
8	Chemoprevention of Experimental Periodontitis in Diabetic Rats with Silk Fibroin Nanoparticles Loaded with Resveratrol. <i>Antioxidants</i> , 2020, 9, 85.	2.2	12
9	Fluorescent DTPA-Silk Fibroin Nanoparticles Radiolabeled with <sup>111</sup> In: A Dual Tool for Biodistribution and Stability Studies. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3299-3309.	2.6	9
10	scCO <sub>2</sub> -foamed silk fibroin aerogel/poly( $\epsilon$ -caprolactone) scaffolds containing dexamethasone for bone regeneration. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 31, 51-64.	3.3	49
11	Revealing the Influence of the Degumming Process in the Properties of Silk Fibroin Nanoparticles. <i>Polymers</i> , 2019, 11, 2045.	2.0	47
12	Extraction of organic compounds involved in the kinetic resolution of rac-2-pentanol from n-hexane by imidazolium-based ionic liquids: Liquid-liquid equilibrium. <i>Journal of Molecular Liquids</i> , 2018, 252, 445-453.	2.3	14
13	Biopolymeric Nanoparticle Synthesis in Ionic Liquids. , 2018, , .		8
14	CYTED Network to develop an immunogen compatible with integrated management strategies for tick control in cattle. <i>Vaccine</i> , 2018, 36, 6581-6586.	1.7	1
15	Density and refractive index data of binary and ternary mixtures of imidazolium-based ionic liquids, n-hexane and organic compounds involved in the kinetic resolution of rac-2-pentanol. <i>Data in Brief</i> , 2018, 19, 134-144.	0.5	4
16	Production of Curcumin-Loaded Silk Fibroin Nanoparticles for Cancer Therapy. <i>Nanomaterials</i> , 2018, 8, 126.	1.9	144
17	Silk fibroin nanoparticles as biocompatible nanocarriers of a novel light-responsive CO-prodrug. <i>Dalton Transactions</i> , 2018, 47, 10434-10438.	1.6	5
18	Silk fibroin nanoparticles: Efficient vehicles for the natural antioxidant quercetin. <i>International Journal of Pharmaceutics</i> , 2017, 518, 11-19.	2.6	77

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19	Silkworm Gut Fiber of <i>Bombyx mori</i> as an Implantable and Biocompatible Light-Diffusing Fiber. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1142.	1.8	9
20	Intestinal anti-inflammatory effects of RGD-functionalized silk fibroin nanoparticles in trinitrobenzenesulfonic acid-induced experimental colitis in rats. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5945-5958.	3.3	40
21	Graphene adsorbed on silk-fibroin meshes: Biomimetic and reversible conformational movements driven by reactions. <i>Electrochimica Acta</i> , 2016, 209, 521-528.	2.6	16
22	Effect of aqueous and particulate silk fibroin in a rat model of experimental colitis. <i>International Journal of Pharmaceutics</i> , 2016, 511, 1-9.	2.6	26
23	Fabrication of electrospun silk fibroin scaffolds coated with graphene oxide and reduced graphene for applications in biomedicine. <i>Bioelectrochemistry</i> , 2016, 108, 36-45.	2.4	56
24	Production of silk fibroin nanoparticles using ionic liquids and high-power ultrasounds. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	52
25	Importance of refrigeration time in the electrospinning of silk fibroin aqueous solutions. <i>Journal of Materials Science</i> , 2015, 50, 4879-4887.	1.7	18
26	Textile/Metal-Organic Framework Composites as Self-Detoxifying Filters for Chemical Warfare Agents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6790-6794.	7.2	291
27	Antitumor properties of platinum( <sup>IV</sup> ) prodrug-loaded silk fibroin nanoparticles. <i>Dalton Transactions</i> , 2015, 44, 13513-13521.	1.6	38
28	Mechanical behaviour and formation process of silkworm silk gut. <i>Soft Matter</i> , 2015, 11, 8981-8991.	1.2	14
29	Investigating the Dispersion Behavior in Solvents, Biocompatibility, and Use as Support for Highly Efficient Metal Catalysts of Exfoliated Graphitic Carbon Nitride. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24032-24045.	4.0	57
30	Silk fibroin nanoparticles constitute a vector for controlled release of resveratrol in an experimental model of inflammatory bowel disease in rats. <i>International Journal of Nanomedicine</i> , 2014, 9, 4507.	3.3	62
31	Effects of composite films of silk fibroin and graphene oxide on the proliferation, cell viability and mesenchymal phenotype of periodontal ligament stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2731-2741.	1.7	75
32	Influence of the protocol used for fibroin extraction on the mechanical properties and fiber sizes of electrospun silk mats. <i>Materials Science and Engineering C</i> , 2013, 33, 1945-1950.	3.8	53
33	Preparation, crystal structures and NMR characterization of substituted-benzoate complexes Nickel(II)-N <sub>3</sub> -macrocycles. <i>Polyhedron</i> , 2007, 26, 1029-1036.	1.0	17
34	Structure and magnetic properties of carbonate-bridged five-coordinate nickel(ii) complexes controlled by solvent effect. <i>Dalton Transactions</i> , 2006, , 3906-3911.	1.6	38
35	Synthesis and Characterization of Heterotrinary Complexes of Nickel and Palladium with Pyridinecarboxylate as Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3049-3056.	1.0	13
36	Heteronuclear Nickel-Iron Complexes and the Crystal Structure of [Fe <sub>2</sub> (CO) <sub>6</sub> ( $\frac{1}{4}$ -S) <sub>2</sub> {Ni(dppe)}]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2062-2066.	0.6	10

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37	Five-coordinate nickel(ii) complexes with carboxylate anions and derivatives of 1,5,9-triazacyclododec-1-ene: structural and <sup>1</sup> H NMR spectroscopic studies. Dalton Transactions, 2005, , 104-109.	1.6	25
38	Pentacoordinate Nickel(II) Complexes Double Bridged by Phosphate Ester or Phosphinate Ligands: Spectroscopic, Structural, Kinetic, and Magnetic Studies. Chemistry - A European Journal, 2004, 10, 1738-1746.	1.7	38
39	Dithiophosphate and dithiophosphonate complexes of pentacoordinate nickel(II) containing the macrocycle 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene ([12]aneN3-mc1) or its 9-methyl derivative ([12]aneN3-mc2).. Polyhedron, 2002, 21, 1935-1942.	1.0	25