

# Ana C S Alcântara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3558132/publications.pdf>

Version: 2024-02-01

38  
papers

1,434  
citations

361296

20  
h-index

377752

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bionanocomposites based on alginate-zein/layered double hydroxide materials as drug delivery systems. <i>Journal of Materials Chemistry</i> , 2010, 20, 9495.	6.7	233
2	Fibrous clays based bionanocomposites. <i>Progress in Polymer Science</i> , 2013, 38, 1392-1414.	11.8	209
3	Pectin-coated chitosan-LDH bionanocomposite beads as potential systems for colon-targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2014, 463, 1-9.	2.6	193
4	Polysaccharide-fibrous clay bionanocomposites. <i>Applied Clay Science</i> , 2014, 96, 2-8.	2.6	100
5	Nanostructured lipid carriers as robust systems for topical lidocaine-prilocaine release in dentistry. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 192-202.	1.9	72
6	Bionanocomposites based on cationic and anionic layered clays as controlled release devices of amoxicillin. <i>Applied Clay Science</i> , 2019, 173, 35-45.	2.6	48
7	Zein-Fibrous Clays Biohybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5216-5224.	1.0	45
8	Improved efficacy of naproxen-loaded NLC for temporomandibular joint administration. <i>Scientific Reports</i> , 2019, 9, 11160.	1.6	43
9	Characterization of ceramic tiles prepared from two clays from Sergipe - Brazil. <i>Applied Clay Science</i> , 2008, 39, 160-165.	2.6	40
10	Preparation, characterization and in vitro anticancer performance of nanoconjugate based on carbon quantum dots and 5-Fluorouracil. <i>Materials Science and Engineering C</i> , 2021, 120, 111781.	3.8	40
11	Bionanocomposites containing magnetic graphite as potential systems for drug delivery. <i>International Journal of Pharmaceutics</i> , 2014, 477, 553-563.	2.6	36
12	Bionanocomposite systems based on montmorillonite and biopolymers for the controlled release of olanzapine. <i>Materials Science and Engineering C</i> , 2017, 75, 1250-1258.	3.8	35
13	Functional Carboxymethylcellulose/Zein Bionanocomposite Films Based on Neomycin Supported on Sepiolite or Montmorillonite Clays. <i>ACS Omega</i> , 2018, 3, 13538-13550.	1.6	35
14	Clay-bionanocomposites with sacran megamolecules for the selective uptake of neodymium. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1391-1399.	5.2	33
15	Advances in Hybrid Polymer-Based Materials for Sustained Drug Release. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-16.	1.2	30
16	Bionanocomposites based on polysaccharides and fibrous clays for packaging applications. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	29
17	Recent Advances on Fibrous Clay-Based Nanocomposites. <i>Advances in Polymer Science</i> , 2014, , 39-86.	0.4	25
18	Building Up Functional Bionanocomposites from the Assembly of Clays and Biopolymers. <i>Chemical Record</i> , 2018, 18, 696-712.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Effective intercalation of zein into Na-montmorillonite: role of the protein components and use of the developed biointerfaces. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1772-1782.	1.5	23
20	Facile synthesis of ZnO-clay minerals composites using an ultrasonic approach for photocatalytic performance. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113934.	2.0	22
21	Hybrid nanofilms as topical anesthetics for pain-free procedures in dentistry. <i>Scientific Reports</i> , 2020, 10, 11341.	1.6	15
22	A pre-formulation study of tetracaine loaded in optimized nanostructured lipid carriers. <i>Scientific Reports</i> , 2021, 11, 21463.	1.6	15
23	Au@Ag bimetallic nanoparticles deposited on palygorskite in the presence of TiO <sub>2</sub> for enhanced photodegradation activity through synergistic effect. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23995-24007.	2.7	13
24	Investigating Methylene Blue Adsorption and Photocatalytic Activity of ZnO/CNC Nanohybrids. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-10.	1.5	12
25	Combination of synthetic anthelmintics and monoterpenes: Assessment of efficacy, and ultrastructural and biophysical properties of <i>Haemonchus contortus</i> using atomic force microscopy. <i>Veterinary Parasitology</i> , 2021, 290, 109345.	0.7	11
26	Preparation and electrochemical properties of sepiolite supported Co <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Applied Clay Science</i> , 2021, 203, 106020.	2.6	9
27	In situ assembling of layered double hydroxide to magadiite layered silicate with enhanced photocatalytic and recycling performance. <i>Applied Surface Science</i> , 2021, 569, 151007.	3.1	9
28	Zein-layered hydroxide biohybrids: strategies of synthesis and characterization. <i>Materials</i> , 2020, 13, 825.	1.3	7
29	Functional Nanocomposites Based on Fibrous Clays. <i>RSC Smart Materials</i> , 2016, , 1-53.	0.1	6
30	Design of solid foams for flame retardant based on bionanocomposites systems. <i>Applied Clay Science</i> , 2019, 180, 105173.	2.6	5
31	Nanostructured organic-organic bio-hybrid delivery systems. , 2019, , 341-374.		5
32	BIONANOCOMPOSITE BEADS BASED ON MONTMORILLONITE AND BIOPOLYMERS AS POTENTIAL SYSTEMS FOR ORAL RELEASE OF CIPROFLOXACIN. <i>Clays and Clay Minerals</i> , 2021, 69, 547-560.	0.6	4
33	Fabrication of Noncytotoxic Functional Siloxane-Coated Bacterial Cellulose Nanocrystals. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2306-2313.	2.0	4
34	Effect of PET on the crystallization of lithium/sodium acetate glasses studied by isothermal and non-isothermal kinetic methods. <i>Journal of Physics: Conference Series</i> , 2010, 249, 012050.	0.3	1
35	Structure-directing study of 1-methylimidazolium-based dication with tetramethylene as spacer length in the synthesis of microporous silicoaluminophosphates. <i>New Journal of Chemistry</i> , 2021, 45, 7185-7195.	1.4	1
36	Thermal kinetics on adsorption heat transformation based on activated biocarbon and ethanol as working pairs. <i>Materials Letters</i> , 2022, 311, 131622.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Bionanocomposites based on layered double hydroxides as drug delivery systems. , 2012, , .		0
38	BIONANOCOMPÓSITOS POLIMÉRICOS À BASE DE MONTMORILLONITA “MATERIAIS DE INTERESSE CONTÍNUO. Química Nova, 2020, , .	0.3	0