PatrÃ-cia Figueiredo

List of Publications by Year
in descending order

33 papers	2,219 citations	304743 22 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	2998 citing authors

#	Article	IF	Citations
1	Properties and chemical modifications of lignin: Towards lignin-based nanomaterials for biomedical applications. Progress in Materials Science, 2018, 93, 233-269.	32.8	526
2	InÂvitro evaluation of biodegradable lignin-based nanoparticles for drug delivery and enhanced antiproliferation effect in cancer cells. Biomaterials, 2017, 121, 97-108.	11.4	296
3	The versatile biomedical applications of bismuth-based nanoparticles and composites: therapeutic, diagnostic, biosensing, and regenerative properties. Chemical Society Reviews, 2020, 49, 1253-1321.	38.1	261
4	Production of pure drug nanocrystals and nano co-crystals by confinement methods. Advanced Drug Delivery Reviews, 2018, 131, 3-21.	13.7	115
5	Functionalization of carboxylated lignin nanoparticles for targeted and pH-responsive delivery of anticancer drugs. Nanomedicine, 2017, 12, 2581-2596.	3.3	96
6	Mesoporous Silica Nanoparticles for Targeted and Stimuliâ€Responsive Delivery of Chemotherapeutics: A Review. Advanced Biology, 2018, 2, 1800020.	3.0	82
7	Dualâ€Crosslinked Dynamic Hydrogel Incorporating {Mo₁₅₄} with pH and NIR Responsiveness for Chemoâ€Photothermal Therapy. Advanced Materials, 2021, 33, e2007761.	21.0	73
8	Peptide-guided resiquimod-loaded lignin nanoparticles convert tumor-associated macrophages from M2 to M1 phenotype for enhanced chemotherapy. Acta Biomaterialia, 2021, 133, 231-243.	8.3	72
9	Nutlinâ€3a and Cytokine Coâ€loaded Sperminеâ€Modified Acetalated Dextran Nanoparticles for Cancer Chemoâ€Immunotherapy. Advanced Functional Materials, 2017, 27, 1703303.	14.9	61
10	Preparation of cetyl palmitate-based PEGylated solid lipid nanoparticles by microfluidic technique. Acta Biomaterialia, 2021, 121, 566-578.	8.3	59
11	Preparation and Characterization of Dentin Phosphophorynâ€Derived Peptideâ€Functionalized Lignin Nanoparticles for Enhanced Cellular Uptake. Small, 2019, 15, e1901427.	10.0	57
12	Process optimization of ecological probe sonication technique for production of rifampicin loaded niosomes. Journal of Drug Delivery Science and Technology, 2019, 50, 27-33.	3.0	46
13	Close-loop dynamic nanohybrids on collagen-ark with in situ gelling transformation capability for biomimetic stage-specific diabetic wound healing. Materials Horizons, 2019, 6, 385-393.	12.2	46
14	LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. International Journal of Pharmaceutics, 2021, 597, 120346.	5.2	45
15	A Virusâ€Mimicking pHâ€Responsive Acetalated Dextranâ€Based Membraneâ€Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics. Advanced Functional Materials, 2019, 29, 1905352.	14.9	43
16	Angiopep2-functionalized polymersomes for targeted doxorubicin delivery to glioblastoma cells. International Journal of Pharmaceutics, 2016, 511, 794-803.	5.2	42
17	Dual-peptide functionalized acetalated dextran-based nanoparticles for sequential targeting of macrophages during myocardial infarction. Nanoscale, 2020, 12, 2350-2358.	5.6	42
18	Immunostimulation and Immunosuppression: Nanotechnology on the Brink. Small Methods, 2018, 2, 1700347.	8.6	32

#	Article	IF	Citations
19	Systematic in vitro biocompatibility studies of multimodal cellulose nanocrystal and lignin nanoparticles. Journal of Biomedical Materials Research - Part A, 2020, 108, 770-783.	4.0	32
20	Green Fabrication Approaches of Lignin Nanoparticles from Different Technical Lignins: A Comparison Study. ChemSusChem, 2021, 14, 4718-4730.	6.8	32
21	All-in-one microfluidic assembly of insulin-loaded pH-responsive nano-in-microparticles for oral insulin delivery. Biomaterials Science, 2020, 8, 3270-3277.	5.4	28
22	Antimicrobial Colloidal Silverâ€“Lignin Particles via Ion and Solvent Exchange. ACS Sustainable Chemistry and Engineering, 2019, 7, 15297-15303.	6.7	24
23	Formulation optimization and in vitro characterization of rifampicin and ceftriaxone dual drug loaded niosomes with high energy probe sonication technique. Journal of Drug Delivery Science and Technology, 2020, 58, 101763.	3.0	23
24	Neonatal Fc receptor-targeted lignin-encapsulated porous silicon nanoparticles for enhanced cellular interactions and insulin permeation across the intestinal epithelium. Bioactive Materials, 2022, 9, 299-315.	15.6	23
25	Superfast and controllable microfluidic inking of anti-inflammatory melanin-like nanoparticles inspired by cephalopods. Materials Horizons, 2020, 7, 1573-1580.	12.2	16
26	Utilization of green formulation technique and efficacy estimation on cell line studies for dual anticancer drug therapy with niosomes. International Journal of Pharmaceutics, 2019, 572, 118764.	5.2	13
27	Intracellular Delivery of Budesonide and Polydopamine Coâ€Loaded in Endosomolytic Poly(butyl) Tj ETQq1 1 0.784314 rgBT /Overloc from M1 to M2. Advanced Therapeutics, 2021, 4, 2000058.	3.2	13
28	Preparation and biological evaluation of ethionamide-mesoporous silicon nanoparticles against Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 403-405.	2.2	11
29	The Emerging Role of Multifunctional Theranostic Materials in Cancer Nanomedicine. , 2018, , 1-31.		8
30	Advanced Nanovaccines for Immunotherapy Applications: From Concept to Animal Tests. , 2019, , 231-260.		1
31	Introduction to lignocellulosic materials. , 2021, , 1-34.		1
32	New insights into ethionamide metabolism: influence of oxidized methionine on its degradation path. RSC Medicinal Chemistry, 2020, 11, 1423-1428.	3.9	0
33	Requirements and properties of biomaterials for biomedical applications. , 2021, , 195-226.		0