

Ana C Santos

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,435
citations

249298

26
h-index

263392

45
g-index

80
all docs

80
docs citations

80
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology-based sunscreens—a review. <i>Materials Today Chemistry</i> , 2022, 23, 100709.	1.7	13
2	Nano- and microparticle-stabilized Pickering emulsions designed for topical therapeutics and cosmetic applications. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121455.	2.6	31
3	Gut-Thyroid axis: How gut microbial dysbiosis associated with euthyroid thyroid cancer. <i>Journal of Cancer</i> , 2022, 13, 2014-2028.	1.2	13
4	Nanoparticles as phytochemical carriers for cancer treatment: News of the last decade. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 179-197.	2.4	16
5	pH-Sensitive Peptide Hydrogels as a Combination Drug Delivery System for Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 652.	2.0	27
6	Understanding of Immune Escape Mechanisms and Advances in Cancer Immunotherapy. <i>Journal of Oncology</i> , 2022, 2022, 1-13.	0.6	13
7	Nanomaterials in hair care and treatment. <i>Acta Biomaterialia</i> , 2022, 142, 14-35.	4.1	18
8	Nanocarrier-based dermopharmaceutical formulations for the topical management of atopic dermatitis. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121656.	2.6	18
9	Phytochemical-loaded liposomes for anticancer therapy: an updated review. <i>Nanomedicine</i> , 2022, 17, 547-568.	1.7	35
10	Cytotoxic Evaluation, Molecular Docking, and 2D-QSAR Studies of Dihydropyrimidinone Derivatives as Potential Anticancer Agents. <i>Journal of Oncology</i> , 2022, 2022, 1-25.	0.6	10
11	<i>Trichilia catigua</i> and <i>Turnera diffusa</i> phyto-phospholipid nanostructures: Physicochemical characterization and bioactivity in cellular models of induced neuroinflammation and neurotoxicity. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121774.	2.6	4
12	Nanocarriers for the topical treatment of psoriasis - pathophysiology, conventional treatments, nanotechnology, regulatory and toxicology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 176, 95-107.	2.0	17
13	pH Sensitive Pluronic Acid/Agarose-Hydrogels as Controlled Drug Delivery Carriers: Design, Characterization and Toxicity Evaluation. <i>Pharmaceutics</i> , 2022, 14, 1218.	2.0	17
14	Co-Delivery of erlotinib and resveratrol via nanostructured lipid Carriers: A synergistically promising approach for cell proliferation prevention and ROS-Mediated apoptosis activation. <i>International Journal of Pharmaceutics</i> , 2022, 624, 122027.	2.6	15
15	Advanced particulate carrier-mediated technologies for nasal drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103569.	1.4	9
16	Naringenin: A potential flavonoid phytochemical for cancer therapy. <i>Life Sciences</i> , 2022, 305, 120752.	2.0	72
17	Naringenin Nano-Delivery Systems and Their Therapeutic Applications. <i>Pharmaceutics</i> , 2021, 13, 291.	2.0	89
18	Plant-mediated green synthesis of metal-based nanoparticles for dermopharmaceutical and cosmetic applications. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120311.	2.6	104

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19	Optimally biosynthesized, PEGylated gold nanoparticles functionalized with quercetin and camptothecin enhance potential anti-inflammatory, anti-cancer and anti-angiogenic activities. <i>Journal of Nanobiotechnology</i> , 2021, 19, 84.	4.2	37
20	<i>Trichilia catigua</i> and <i>Turnera diffusa</i> extracts: In vitro inhibition of tyrosinase, antiglycation activity and effects on enzymes and pathways engaged in the neuroinflammatory process. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113865.	2.0	12
21	Ethosomes as Nanocarriers for the Development of Skin Delivery Formulations. <i>Pharmaceutical Research</i> , 2021, 38, 947-970.	1.7	74
22	Preclinical developments of natural-occurring halloysite clay nanotubes in cancer therapeutics. <i>Advances in Colloid and Interface Science</i> , 2021, 291, 102406.	7.0	26
23	Unleashing the potential of cell membrane-based nanoparticles for COVID-19 treatment and vaccination. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1395-1414.	2.4	14
24	Nanotechnology-based formulations toward the improved topical delivery of anti-acne active ingredients. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1435-1454.	2.4	8
25	Emerging role of nanoclays in cancer research, diagnosis, and therapy. <i>Coordination Chemistry Reviews</i> , 2021, 440, 213956.	9.5	56
26	Prevention of UV-induced skin cancer in mice by gamma oryzanol-loaded nanoethosomes. <i>Life Sciences</i> , 2021, 283, 119759.	2.0	15
27	Cyclodextrin-based delivery systems for in vivo-tested anticancer therapies. <i>Drug Delivery and Translational Research</i> , 2021, 11, 49-71.	3.0	46
28	Multifunctional polymeric micelle-based nucleic acid delivery: Current advances and future perspectives. <i>Applied Materials Today</i> , 2021, 25, 101217.	2.3	21
29	Melanin nanoparticles as a promising tool for biomedical applications— a review. <i>Acta Biomaterialia</i> , 2020, 105, 26-43.	4.1	89
30	<i>Sterculia striata</i> gum as a potential oral delivery system for protein drugs. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1683-1692.	3.6	24
31	Electro-responsive controlled drug delivery from melanin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119773.	2.6	11
32	Biomimetic cancer cell membrane-coated nanosystems as next-generation cancer therapies. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1515-1518.	2.4	20
33	Micelleplexes: A Promising Nanocarrier for the Transport of Genetic Material and Drugs. , 2020, , 267-287.		1
34	Nanovehicles for co-delivery of anticancer agents. <i>Drug Discovery Today</i> , 2020, 25, 1416-1430.	3.2	61
35	Micelleplex-based nucleic acid therapeutics: From targeted stimuli-responsiveness to nanotoxicity and regulation. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 153, 105461.	1.9	15
36	Nanomedicine in osteosarcoma therapy: Micelleplexes for delivery of nucleic acids and drugs toward osteosarcoma-targeted therapies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 148, 88-106.	2.0	21

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37	Complex Polysaccharide-Based Nanocomposites for Oral Insulin Delivery. <i>Marine Drugs</i> , 2020, 18, 55.	2.2	16
38	Topical Minoxidil-Loaded Nanotechnology Strategies for Alopecia. <i>Cosmetics</i> , 2020, 7, 21.	1.5	38
39	miR-29b and retinoic acid co-delivery: a promising tool to induce a synergistic antitumoral effect in non-small cell lung cancer cells. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1367-1380.	3.0	11
40	Micelleplexes as nucleic acid delivery systems for cancer-targeted therapies. <i>Journal of Controlled Release</i> , 2020, 323, 442-462.	4.8	41
41	Surface functionalization of PLGA nanoparticles for drug delivery. , 2020, , 185-203.		2
42	Missivas. Dialogismo literario e interacci3n sociocultural. Hachetetep% Revista Cient3fica De Educaci3n Y Comunicaci3n, 2020, 1, 44-54.	0.2	0
43	Innovative nanocompounds for cutaneous administration of classical antifungal drugs: a systematic review. <i>Journal of Dermatological Treatment</i> , 2019, 30, 617-626.	1.1	11
44	Nanocarriers for resveratrol delivery: Impact on stability and solubility concerns. <i>Trends in Food Science and Technology</i> , 2019, 91, 483-497.	7.8	49
45	Sonication-assisted Layer-by-Layer self-assembly nanoparticles for resveratrol delivery. <i>Materials Science and Engineering C</i> , 2019, 105, 110022.	3.8	9
46	Evolution of Hair Treatment and Care: Prospects of Nanotube-Based Formulations. <i>Nanomaterials</i> , 2019, 9, 903.	1.9	42
47	Nanotechnological breakthroughs in the development of topical phytochemicals-based formulations. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118787.	2.6	41
48	Subcutaneous delivery of biotherapeutics: challenges at the injection site. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 143-151.	2.4	31
49	Biomedical potential of clay nanotube formulations and their toxicity assessment. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1169-1182.	2.4	44
50	First-time oral administration of resveratrol-loaded layer-by-layer nanoparticles to rats a€ a pharmacokinetics study. <i>Analyst, The</i> , 2019, 144, 2062-2079.	1.7	25
51	Nanotechnology-based formulations for resveratrol delivery: Effects on resveratrol in vivo bioavailability and bioactivity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 127-140.	2.5	82
52	Targeting Cancer Via Resveratrol-Loaded Nanoparticles Administration: Focusing on In Vivo Evidence. <i>AAPS Journal</i> , 2019, 21, 57.	2.2	24
53	Layer-by-Layer Assembly for Nanoarchitectonics. , 2019, , 89-121.		1
54	Comparison of ELISA and HPLC-MS methods for the determination of exenatide in biological and biotechnology-based formulation matrices. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 143-155.	2.4	19

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55	Nanotechnology for the development of new cosmetic formulations. Expert Opinion on Drug Delivery, 2019, 16, 313-330.	2.4	103
56	Prevalence of vitamin D deficiency amongst soccer athletes and effects of 8 weeks supplementation. Journal of Sports Medicine and Physical Fitness, 2019, 59, 693-699.	0.4	11
57	Microemulsions: Principles, Scope, Methods, and Applications in Transdermal Drug Delivery. , 2019, , 91-118.		0
58	Neoplastic Multifocal Skin Lesions: Biology, Etiology, and Targeted Therapies for Nonmelanoma Skin Cancers. Skin Pharmacology and Physiology, 2018, 31, 59-73.	1.1	12
59	Layer-by-Layer coated drug-core nanoparticles as versatile delivery platforms. , 2018, , 595-635.		9
60	Multifokale Neoplasien der Haut: Biologie, Ätiologie und zielgerichtete Therapien von nicht-melanozytÄrem Hautkrebs. Karger Kompass Dermatologie, 2018, 6, 135-146.	0.0	0
61	RNAi-based therapeutics for lung cancer: biomarkers, microRNAs, and nanocarriers. Expert Opinion on Drug Delivery, 2018, 15, 965-982.	2.4	15
62	Poly(lactic-co-glycolic acid) (PLGA) matrix implants. , 2018, , 375-402.		20
63	Halloysite clay nanotubes for life sciences applications: From drug encapsulation to bioscaffold. Advances in Colloid and Interface Science, 2018, 257, 58-70.	7.0	148
64	Mesoporous silica nanoparticles as drug delivery systems against melanoma. , 2018, , 437-466.		4
65	Linalool bioactive properties and potential applicability in drug delivery systems. Colloids and Surfaces B: Biointerfaces, 2018, 171, 566-578.	2.5	139
66	Subcutaneous delivery of monoclonal antibodies: How do we get there?. Journal of Controlled Release, 2018, 286, 301-314.	4.8	138
67	miR-145-loaded micelleplexes as a novel therapeutic strategy to inhibit proliferation and migration of osteosarcoma cells. European Journal of Pharmaceutical Sciences, 2018, 123, 28-42.	1.9	24
68	OBTENÃŁO DE NANOPARTÍCULAS BIODEGRADÁVEIS DE IBUPROFENO ENCAPSULADAS POR LAYER-BY-LAYER (LBL) SELF-ASSEMBLY CAMADA POR CAMADA AUTO-ESTRUTURADAS. VisÃO Acadêmica, 2018, 18, .	0.1	0
69	Monoterpenes-Based Pharmaceuticals: A Review of Applications In Human Health and Drug Delivery Systems. , 2018, , 85-130.		0
70	Nanocrystals of Poorly Water-Soluble Drugs: Production Technologies, Characterization, and Functionalization. , 2018, , 43-66.		0
71	Ibuprofen nanocrystals developed by 22 factorial design experiment: A new approach for poorly water-soluble drugs. Saudi Pharmaceutical Journal, 2017, 25, 1117-1124.	1.2	33
72	Targeting dendritic cells for the treatment of autoimmune disorders. Colloids and Surfaces B: Biointerfaces, 2017, 158, 237-248.	2.5	20

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73	Sonication-Assisted Layer-by-Layer Assembly for Low Solubility Drug Nanoformulation. ACS Applied Materials & Interfaces, 2015, 7, 11972-11983.	4.0	43
74	Advance in Methods Studying the Pharmacokinetics of Polyphenols. Current Drug Metabolism, 2014, 15, 96-115.	0.7	10
75	Ultrasonication of insulin-loaded microgel particles produced by internal gelation: Impact on particle's size and insulin bioactivity. Carbohydrate Polymers, 2013, 98, 1397-1408.	5.1	23
76	New delivery systems to improve the bioavailability of resveratrol. Expert Opinion on Drug Delivery, 2011, 8, 973-990.	2.4	107
77	Discordant phenotypes in first cousins withUBE3Aframeshift mutation. , 2004, 127A, 258-262.		10
78	Application of nanotechnology in management and treatment of diabetic wounds. Journal of Drug Targeting, 0, , 1-21.	2.1	8