

Elena Sanchez

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,743
citations

136950

32
h-index

138484

58
g-index

84
all docs

84
docs citations

84
times ranked

4927
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and optimization of Riluzole-loaded biodegradable nanoparticles incorporated in a mucoadhesive in situ gel for the posterior eye segment. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121379.	5.2	15
2	Development of Peptide Targeted PLGA-PEGylated Nanoparticles Loading Licochalcone-A for Ocular Inflammation. <i>Pharmaceutics</i> , 2022, 14, 285.	4.5	15
3	Physicochemical and biopharmaceutical aspects influencing skin permeation and role of SLN and NLC for skin drug delivery. <i>Heliyon</i> , 2022, 8, e08938.	3.2	48
4	Biodegradable nanoparticles for the treatment of epilepsy: From current advances to future challenges. <i>Epilepsia Open</i> , 2022, 7, .	2.4	14
5	Exudative versus Nonexudative Age-Related Macular Degeneration: Physiopathology and Treatment Options. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2592.	4.1	27
6	Permeability, anti-inflammatory and anti-VEGF profiles of steroidal-loaded cationic nanoemulsions in retinal pigment epithelial cells under oxidative stress. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121615.	5.2	7
7	Lipid Nanoparticles for the Posterior Eye Segment. <i>Pharmaceutics</i> , 2022, 14, 90.	4.5	28
8	Customized cationic nanoemulsions loading triamcinolone acetonide for corneal neovascularization secondary to inflammatory processes. <i>International Journal of Pharmaceutics</i> , 2022, 623, 121938.	5.2	9
9	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, S91-S107.	2.6	13
10	Epigallocatechin-3-gallate PEGylated poly(lactic-co-glycolic) acid nanoparticles mitigate striatal pathology and motor deficits in 3-nitropropionic acid intoxicated mice. <i>Nanomedicine</i> , 2021, 16, 19-35.	3.3	18
11	Silver nanoparticles obtained from Brazilian pepper extracts with synergistic anti-microbial effect: production, characterization, hydrogel formulation, cell viability, and in vitro efficacy. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 539-548.	2.4	13
12	Dexibuprofen Therapeutic Advances: Prodrugs and Nanotechnological Formulations. <i>Pharmaceutics</i> , 2021, 13, 414.	4.5	16
13	Nanomedicine-based technologies and novel biomarkers for the diagnosis and treatment of Alzheimer's disease: from current to future challenges. <i>Journal of Nanobiotechnology</i> , 2021, 19, 122.	9.1	60
14	Surface Functionalization of PLGA Nanoparticles to Increase Transport across the BBB for Alzheimer's Disease. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4305.	2.5	26
15	Psoriasis: From Pathogenesis to Pharmacological and Nano-Technological-Based Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4983.	4.1	40
16	Dexibuprofen ameliorates peripheral and central risk factors associated with Alzheimer's disease in metabolically stressed APP ^{swe} /PS1 ^{dE9} mice. <i>Cell and Bioscience</i> , 2021, 11, 141.	4.8	7
17	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. <i>Pharmaceutics</i> , 2021, 13, 1199.	4.5	13
18	Masitinib for the treatment of Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , 2021, 11, 263-276.	2.2	14

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19	State of the Art on Toxicological Mechanisms of Metal and Metal Oxide Nanoparticles and Strategies to Reduce Toxicological Risks. <i>Toxics</i> , 2021, 9, 195.	3.7	11
20	Nanotherapeutics and nanotheragnostics for cancers: properties, pharmacokinetics, biopharmaceutics, and biosafety. <i>Current Pharmaceutical Design</i> , 2021, 27, .	1.9	1
21	Nanotechnology-Based Platforms for Vaginal Delivery of Peptide Microbicides. <i>Current Medicinal Chemistry</i> , 2021, 28, 4356-4379.	2.4	5
22	Metformin a Potential Pharmacological Strategy in Late Onset Alzheimer's Disease Treatment. <i>Pharmaceuticals</i> , 2021, 14, 890.	3.8	19
23	Calcium hydroxide-loaded PLGA biodegradable nanoparticles as an intracanal medicament. <i>International Endodontic Journal</i> , 2021, 54, 2086-2098.	5.0	20
24	Surface-Modified Multifunctional Thymol-Loaded Biodegradable Nanoparticles for Topical Acne Treatment. <i>Pharmaceutics</i> , 2021, 13, 1501.	4.5	15
25	Discovery of a Potent Dual Inhibitor of Acetylcholinesterase and Butyrylcholinesterase with Antioxidant Activity that Alleviates Alzheimer-like Pathology in Old APP/PS1 Mice. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 812-839.	6.4	45
26	Mono- and Dicationic DABCO/Quinuclidine Composed Nanomaterials for the Loading of Steroidal Drug: 32 Factorial Design and Physicochemical Characterization. <i>Nanomaterials</i> , 2021, 11, 2758.	4.1	9
27	Development of Lactoferrin-Loaded Liposomes for the Management of Dry Eye Disease and Ocular Inflammation. <i>Pharmaceutics</i> , 2021, 13, 1698.	4.5	28
28	Epilepsy in Neurodegenerative Diseases: Related Drugs and Molecular Pathways. <i>Pharmaceuticals</i> , 2021, 14, 1057.	3.8	27
29	DABCO-Customized Nanoemulsions: Characterization, Cell Viability and Genotoxicity in Retinal Pigmented Epithelium and Microglia Cells. <i>Pharmaceutics</i> , 2021, 13, 1652.	4.5	11
30	Development of topical eye-drops of lactoferrin-loaded biodegradable nanoparticles for the treatment of anterior segment inflammatory processes. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121188.	5.2	20
31	Lipid Nanocarriers for Hyperproliferative Skin Diseases. <i>Cancers</i> , 2021, 13, 5619.	3.7	8
32	Thymol-loaded PLGA nanoparticles: an efficient approach for acne treatment. <i>Journal of Nanobiotechnology</i> , 2021, 19, 359.	9.1	31
33	Development and Characterization of Nanoemulsions for Ophthalmic Applications: Role of Cationic Surfactants. <i>Materials</i> , 2021, 14, 7541.	2.9	20
34	Role of c-Jun N-Terminal Kinases (JNKs) in Epilepsy and Metabolic Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 255.	4.1	18
35	State-of-the-art polymeric nanoparticles as promising therapeutic tools against human bacterial infections. <i>Journal of Nanobiotechnology</i> , 2020, 18, 156.	9.1	38
36	Current advances in the development of novel polymeric nanoparticles for the treatment of neurodegenerative diseases. <i>Nanomedicine</i> , 2020, 15, 1239-1261.	3.3	68

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37	The preclinical discovery and development of opicapone for the treatment of Parkinson's disease. Expert Opinion on Drug Discovery, 2020, 15, 993-1003.	5.0	5
38	Lipid Vesicles Loaded with an HIV-1 Fusion Inhibitor Peptide as a Potential Microbicide. Pharmaceutics, 2020, 12, 502.	4.5	8
39	Nanomedicines for the Delivery of Antimicrobial Peptides (AMPs). Nanomaterials, 2020, 10, 560.	4.1	83
40	Retinal Drug Delivery: Rethinking Outcomes for the Efficient Replication of Retinal Behavior. Applied Sciences (Switzerland), 2020, 10, 4258.	2.5	4
41	Silver Nanoparticles-Composing Alginate/Gelatin Hydrogel Improves Wound Healing In Vivo. Nanomaterials, 2020, 10, 390.	4.1	138
42	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. Nanomaterials, 2020, 10, 292.	4.1	769
43	Diabetic Retinopathy and Ocular Melanoma: How Far We Are?. Applied Sciences (Switzerland), 2020, 10, 2777.	2.5	1
44	Dexibuprofen Biodegradable Nanoparticles: One Step Closer towards a Better Ocular Interaction Study. Nanomaterials, 2020, 10, 720.	4.1	44
45	Development of Chitosan/Silver Sulfadiazine/Zelite Composite Films for Wound Dressing. Pharmaceutics, 2019, 11, 535.	4.5	47
46	Sirtuins and SIRT6 in Carcinogenesis and in Diet. International Journal of Molecular Sciences, 2019, 20, 4945.	4.1	19
47	Cationic Surfactants: Self-Assembly, Structure-Activity Correlation and Their Biological Applications. International Journal of Molecular Sciences, 2019, 20, 5534.	4.1	88
48	Praziquantel-Solid Lipid Nanoparticles Produced by Supercritical Carbon Dioxide Extraction: Physicochemical Characterization, Release Profile, and Cytotoxicity. Molecules, 2019, 24, 3881.	3.8	36
49	Soft Cationic Nanoparticles for Drug Delivery: Production and Cytotoxicity of Solid Lipid Nanoparticles (SLNs). Applied Sciences (Switzerland), 2019, 9, 4438.	2.5	43
50	Trends in Atopic Dermatitis—From Standard Pharmacotherapy to Novel Drug Delivery Systems. International Journal of Molecular Sciences, 2019, 20, 5659.	4.1	43
51	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome—Review of Classical and New Compounds: Part-I. Pharmaceutics, 2019, 12, 152.	3.8	95
52	Therapeutic Interventions for Countering Leishmaniasis and Chagas Disease: From Traditional Sources to Nanotechnological Systems. Pathogens, 2019, 8, 119.	2.8	21
53	The Involvement of Peripheral and Brain Insulin Resistance in Late Onset Alzheimer's Dementia. Frontiers in Aging Neuroscience, 2019, 11, 236.	3.4	40
54	Evaluation of the Influence of Process Parameters on the Properties of Resveratrol-Loaded NLC Using 22 Full Factorial Design. Antioxidants, 2019, 8, 272.	5.1	40

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55	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome—Strategies for In Vivo Administration: Part-II. <i>Journal of Clinical Medicine</i> , 2019, 8, 1332.	2.4	43
56	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. <i>Pharmaceutics</i> , 2019, 11, 460.	4.5	115
57	Association of Platelet-Rich Plasma and Auto-Crosslinked Hyaluronic Acid Microparticles: Approach for Orthopedic Application. <i>Polymers</i> , 2019, 11, 1568.	4.5	13
58	Development, Cytotoxicity and Eye Irritation Profile of a New Sunscreen Formulation Based on Benzophenone-3-poly(μ -caprolactone) Nanocapsules. <i>Toxics</i> , 2019, 7, 51.	3.7	20
59	Flavonoid-Enriched Plant-Extract-Loaded Emulsion: A Novel Phytocosmetic Sunscreen Formulation with Antioxidant Properties. <i>Antioxidants</i> , 2019, 8, 443.	5.1	44
60	Current Applications of Nanoemulsions in Cancer Therapeutics. <i>Nanomaterials</i> , 2019, 9, 821.	4.1	147
61	A metabolic perspective of late onset Alzheimer's disease. <i>Pharmacological Research</i> , 2019, 145, 104255.	7.1	19
62	Evaluation of In Vitro Solar Protection Factor (SPF), Antioxidant Activity, and Cell Viability of Mixed Vegetable Extracts from <i>Dioscorea alata</i> L., <i>Ginkgo biloba</i> L., <i>Ruta graveolens</i> L., and <i>Vitis vinifera</i> L. <i>Plants</i> , 2019, 8, 453.	3.5	25
63	Ocular penetration of fluorometholone-loaded PEG-PLGA nanoparticles functionalized with cell-penetrating peptides. <i>Nanomedicine</i> , 2019, 14, 3089-3104.	3.3	41
64	Benzodiazepines and Related Drugs as a Risk Factor in Alzheimer's Disease Dementia. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 344.	3.4	35
65	Epigallocatechin-3-gallate loaded PEGylated-PLGA nanoparticles: A new anti-seizure strategy for temporal lobe epilepsy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1073-1085.	3.3	60
66	Peripheral and Central Effects of Memantine in a Mixed Preclinical Mice Model of Obesity and Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 7327-7339.	4.0	24
67	Neoplastic Multifocal Skin Lesions: Biology, Etiology, and Targeted Therapies for Nonmelanoma Skin Cancers. <i>Skin Pharmacology and Physiology</i> , 2018, 31, 59-73.	2.5	12
68	Memantine for the Treatment of Dementia: A Review on its Current and Future Applications. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1223-1240.	2.6	150
69	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. <i>Journal of Nanobiotechnology</i> , 2018, 16, 32.	9.1	163
70	Early Preclinical Changes in Hippocampal CREB-Binding Protein Expression in a Mouse Model of Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 4885-4895.	4.0	21
71	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018, 14, 1701808.	10.0	77
72	Multifokale Neoplasien der Haut: Biologie, Ätiologie und zielgerichtete Therapien von nicht-melanozytÄrem Hautkrebs. <i>Karger Kompass Dermatologie</i> , 2018, 6, 135-146.	0.0	0

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73	The Implication of the Brain Insulin Receptor in Late Onset Alzheimer's Disease Dementia. Pharmaceuticals, 2018, 11, 11.	3.8	45
74	Experimental Models for Aging and their Potential for Novel Drug Discovery. Current Neuropharmacology, 2018, 16, 1466-1483.	2.9	35
75	Peripheral and central effects of dexibuprofen on APP/PS1 mice fed with an obesogenic diet. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-16.	0.0	0
76	Dexibuprofen prevents neurodegeneration and cognitive decline in APP ^{swe} /PS1 ^{dE9} through multiple signaling pathways. Redox Biology, 2017, 13, 345-352.	9.0	36
77	New potential strategies for Alzheimer's disease prevention: pegylated biodegradable dexibuprofen nanospheres administration to APP ^{swe} /PS1 ^{dE9} . Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1171-1182.	3.3	64
78	Dexibuprofen loaded PEGylated nanospheres for Alzheimer's disease treatment. Journal of Controlled Release, 2017, 259, e29-e30.	9.9	0
79	Current Research Therapeutic Strategies for Alzheimer's Disease Treatment. Neural Plasticity, 2016, 2016, 1-15.	2.2	200
80	Flurbiprofen PLGA-PEG nanospheres: Role of hydroxy- β -cyclodextrin on ex vivo human skin permeation and in vivo topical anti-inflammatory efficacy. Colloids and Surfaces B: Biointerfaces, 2013, 110, 339-346.	5.0	49
81	Design of nanoparticles functionalized with cell penetrating peptides for the treatment of Alzheimer's disease. , 0, , .		0