Amanda Cano

List of Publications by Year
in descending order

52 papers	2,488 citations	331670 21 h-index	206112 48 g-index
53 all docs	53 docs citations	53 times ranked	2977 citing authors

#	Article	IF	Citations
1	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. Nanomaterials, 2020, 10, 292.	4.1	769
2	Dual-drug loaded nanoparticles of Epigallocatechin-3-gallate (EGCG)/Ascorbic acid enhance therapeutic efficacy of EGCG in a APPswe/PS1dE9 Alzheimer's disease mice model. Journal of Controlled Release, 2019, 301, 62-75.	9.9	207
3	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. Journal of Nanobiotechnology, 2018, 16, 32.	9.1	163
4	Current Applications of Nanoemulsions in Cancer Therapeutics. Nanomaterials, 2019, 9, 821.	4.1	147
5	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. Pharmaceutics, 2019, 11, 460.	4.5	115
6	Microemulsions and Nanoemulsions in Skin Drug Delivery. Bioengineering, 2022, 9, 158.	3.5	72
7	Current advances in the development of novel polymeric nanoparticles for the treatment of neurodegenerative diseases. Nanomedicine, 2020, 15, 1239-1261.	3.3	68
8	Epigallocatechin-3-gallate loaded PEGylated-PLGA nanoparticles: A new anti-seizure strategy for temporal lobe epilepsy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1073-1085.	3.3	60
9	Nanomedicine-based technologies and novel biomarkers for the diagnosis and treatment of Alzheimer's disease: from current to future challenges. Journal of Nanobiotechnology, 2021, 19, 122.	9.1	60
10	ADAM10 in Alzheimer's disease: Pharmacological modulation by natural compounds and its role as a peripheral marker. Biomedicine and Pharmacotherapy, 2019, 113, 108661.	5.6	52
11	Epigallocatechin-3-Gallate (EGCG) Improves Cognitive Deficits Aggravated by an Obesogenic Diet Through Modulation of Unfolded Protein Response in APPswe/PS1dE9 Mice. Molecular Neurobiology, 2020, 57, 1814-1827.	4.0	51
12	Physicochemical and biopharmaceutical aspects influencing skin permeation and role of SLN and NLC for skin drug delivery. Heliyon, 2022, 8, e08938.	3.2	48
13	Dexibuprofen Biodegradable Nanoparticles: One Step Closer towards a Better Ocular Interaction Study. Nanomaterials, 2020, 10, 720.	4.1	44
14	The Involvement of Peripheral and Brain Insulin Resistance in Late Onset Alzheimer's Dementia. Frontiers in Aging Neuroscience, 2019, 11, 236.	3.4	40
15	Psoriasis: From Pathogenesis to Pharmacological and Nano-Technological-Based Therapeutics. International Journal of Molecular Sciences, 2021, 22, 4983.	4.1	40
16	State-of-the-art polymeric nanoparticles as promising therapeutic tools against human bacterial infections. Journal of Nanobiotechnology, 2020, 18, 156.	9.1	38
17	Benzodiazepines and Related Drugs as a Risk Factor in Alzheimer's Disease Dementia. Frontiers in Aging Neuroscience, 2019, 11, 344.	3.4	35
18	Elastic and Ultradeformable Liposomes for Transdermal Delivery of Active Pharmaceutical Ingredients (APIs). International Journal of Molecular Sciences, 2021, 22, 9743.	4.1	30

#	ARTICLE	IF	CITATIONS
19	Development of Lactoferrin-Loaded Liposomes for the Management of Dry Eye Disease and Ocular Inflammation. Pharmaceutics, 2021, 13, 1698.	4.5	28
20	Lipid Nanoparticles for the Posterior Eye Segment. Pharmaceutics, 2022, 14, 90.	4.5	28
21	Epilepsy in Neurodegenerative Diseases: Related Drugs and Molecular Pathways. Pharmaceuticals, 2021, 14, 1057.	3.8	27
22	Surface Functionalization of PLGA Nanoparticles to Increase Transport across the BBB for Alzheimer's Disease. Applied Sciences (Switzerland), 2021, 11, 4305.	2.5	26
23	Encapsulation of Active Pharmaceutical Ingredients in Lipid Micro/Nanoparticles for Oral Administration by Spray-Cooling. Pharmaceutics, 2021, 13, 1186.	4.5	23
24	Development of topical eye-drops of lactoferrin-loaded biodegradable nanoparticles for the treatment of anterior segment inflammatory processes. International Journal of Pharmaceutics, 2021, 609, 121188.	5.2	20
25	A metabolic perspective of late onset Alzheimer's disease. Pharmacological Research, 2019, 145, 104255.	7.1	19
26	Metformin a Potential Pharmacological Strategy in Late Onset Alzheimer's Disease Treatment. Pharmaceuticals, 2021, 14, 890.	3.8	19
27	Role of c-Jun N-Terminal Kinases (JNKs) in Epilepsy and Metabolic Cognitive Impairment. International Journal of Molecular Sciences, 2020, 21, 255.	4.1	18
28	Epigallocatechin-3-gallate PEGylated poly(lactic-co-glycolic) acid nanoparticles mitigate striatal pathology and motor deficits in 3-nitropropionic acid intoxicated mice. Nanomedicine, 2021, 16, 19-35.	3.3	18
29	Recent Advances on Antitumor Agents-loaded Polymeric and Lipid-based Nanocarriers for the Treatment of Brain Cancer. Current Pharmaceutical Design, 2020, 26, 1316-1330.	1.9	17
30	Matrix metalloproteinase 10 is linked to the risk of progression to dementia of the Alzheimer's type. Brain, 2022, 145, 2507-2517.	7.6	16
31	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. Nanomaterials, 2022, 12, 377.	4.1	15
32	Development and optimization of Riluzole-loaded biodegradable nanoparticles incorporated in a mucoadhesive in situ gel for the posterior eye segment. International Journal of Pharmaceutics, 2022, 612, 121379.	5.2	15
33	Development of Peptide Targeted PLGA-PEGylated Nanoparticles Loading Licochalcone-A for Ocular Inflammation. Pharmaceutics, 2022, 14, 285.	4.5	15
34	Biodegradable nanoparticles for the treatment of epilepsy: From current advances to future challenges. Epilepsia Open, 2022, 7, .	2.4	14
35	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. Journal of Alzheimer's Disease, 2021, 82, S91-S107.	2.6	13
36	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. Pharmaceutics, 2021, 13, 1199.	4.5	13

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37	Establishing In-House Cutoffs of CSF Alzheimer's Disease Biomarkers for the AT(N) Stratification of the Alzheimer Center Barcelona Cohort. International Journal of Molecular Sciences, 2022, 23, 6891.	4.1	13
38	State of the Art on Toxicological Mechanisms of Metal and Metal Oxide Nanoparticles and Strategies to Reduce Toxicological Risks. Toxics, 2021, 9, 195.	3.7	11
39	The Ethyl Acetate Extract of Leaves of Ugni molinae Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APPswe/PS1dE9 Mice Fed with a High Fat Diet. Journal of Alzheimer's Disease, 2018, 66, 1175-1191.	2.6	10
40	Comparison of migration disturbance potency of epigallocatechin gallate (EGCG) synthetic analogs and EGCG PEGylated PLGA nanoparticles in rat neurospheres. Food and Chemical Toxicology, 2019, 123, 195-204.	3.6	10
41	Antimycotic nail polish based on humic acid–coated silver nanoparticles for onychomycosis. Journal of Chemical Technology and Biotechnology, 2021, 96, 2208-2218.	3.2	9
42	Photoprotection and skin irritation effect of hydrogels containing hydroalcoholic extract of red propolis: A natural pathway against skin cancer. Heliyon, 2022, 8, e08893.	3.2	9
43	Lipid Nanocarriers for Hyperproliferative Skin Diseases. Cancers, 2021, 13, 5619.	3.7	8
44	Automatized FACEmemory® scoring is related to Alzheimer's disease phenotype and biomarkers in early-onset mild cognitive impairment: the BIOFACE cohort. Alzheimer's Research and Therapy, 2022, 14, 43.	6.2	8
45	Dexibuprofen ameliorates peripheral and central risk factors associated with Alzheimer's disease in metabolically stressed APPswe/PS1dE9 mice. Cell and Bioscience, 2021, 11, 141.	4.8	7
46	BIOFACE: A Prospective Study of Risk Factors, Cognition, and Biomarkers in a Cohort of Individuals with Early-Onset Mild Cognitive Impairment. Study Rationale and Research Protocols. Journal of Alzheimer's Disease, 2021, 83, 1233-1249.	2.6	7
47	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
48	Lipid-Drug Conjugates and Nanoparticles for the Cutaneous Delivery of Cannabidiol. International Journal of Molecular Sciences, 2022, 23, 6165.	4.1	3
49	Epidemiology of COVID-19 in the State of Sergipe/Brazil and Its Relationship with Social Indicators. Epidemiologia, 2021, 2, 262-270.	2.2	1
50	Liposomal formulations of oxybutynin and resiniferatoxin for the treatment of urinary diseases: improvement of drug tolerance upon intravesical. Drug Delivery and Translational Research, 2021, , 1.	5.8	1
51	Combined Therapy of Chitosan and Exercise Improves the Lipid Profile, Adipose Tissue and Hepatic Alterations in an In Vivo Model of Induced-Hyperlipidemia. Nutraceuticals, 2022, 2, 116-131.	1.7	1
52	Dexibuprofen loaded PEGylated nanospheres for Alzheimer's disease treatment. Journal of Controlled Release, 2017, 259, e29-e30.	9.9	0