

# Miren Ettcheto

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64

papers

1,888

citations

22

h-index

42

g-index

74

ext. papers

2,563

ext. citations

5.7

avg, IF

4.88

L-index

#	Paper	IF	Citations
64	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	355
63	Current Research Therapeutic Strategies for Alzheimer's Disease Treatment. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 8501693	3.3	153
62	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. <i>Journal of Controlled Release</i> , <b>2019</b> , 301, 62-75	11.7	122
61	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. <i>Journal of Nanobiotechnology</i> , <b>2018</b> , 16, 32	9.4	97
60	Memantine for the Treatment of Dementia: A Review on its Current and Future Applications. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 62, 1223-1240	4.3	95
59	PEGylated PLGA nanospheres optimized by design of experiments for ocular administration of dexibuprofen-in vitro, ex vivo and in vivo characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 241-250	6	82
58	Current Applications of Nanoemulsions in Cancer Therapeutics. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	72
57	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	68
56	Long-term exposition to a high fat diet favors the appearance of amyloid depositions in the brain of C57BL/6J mice. A potential model of sporadic Alzheimer's disease. <i>Mechanisms of Ageing and Development</i> , <b>2017</b> , 162, 38-45	5.6	61
55	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , <b>2018</b> , 14, 1701808	11	58
54	New potential strategies for Alzheimer's disease prevention: pegylated biodegradable dexibuprofen nanospheres administration to APPswe/PS1dE9. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1171-1182	6	45
53	Masitinib for the treatment of mild to moderate Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , <b>2015</b> , 15, 587-96	4.3	42
52	ADAM10 in Alzheimer's disease: Pharmacological modulation by natural compounds and its role as a peripheral marker. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 113, 108661	7.5	38
51	Epigallocatechin-3-gallate loaded PEGylated-PLGA nanoparticles: A new anti-seizure strategy for temporal lobe epilepsy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 1073-1085	6	37
50	Current advances in the development of novel polymeric nanoparticles for the treatment of neurodegenerative diseases. <i>Nanomedicine</i> , <b>2020</b> , 15, 1239-1261	5.6	35
49	The Implication of the Brain Insulin Receptor in Late Onset Alzheimer's Disease Dementia. <i>Pharmaceutics</i> , <b>2018</b> , 11,	5.2	32
48	Evaluation of Neuropathological Effects of a High-Fat Diet in a Presymptomatic Alzheimer's Disease Stage in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 54, 233-51	4.3	32

47	Epigallocatechin-3-Gallate (EGCG) Improves Cognitive Deficits Aggravated by an Obesogenic Diet Through Modulation of Unfolded Protein Response in APPswe/PS1dE9 Mice. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 1814-1827	6.2	28
46	The Involvement of Peripheral and Brain Insulin Resistance in Late Onset Alzheimer's Dementia. <i>Frontiers in Aging Neuroscience</i> , <b>2019</b> , 11, 236	5.3	25
45	Dexibuprofen prevents neurodegeneration and cognitive decline in APPswe/PS1dE9 through multiple signaling pathways. <i>Redox Biology</i> , <b>2017</b> , 13, 345-352	11.3	24
44	The role of leptin in the sporadic form of Alzheimer's disease. Interactions with the adipokines amylin, ghrelin and the pituitary hormone prolactin. <i>Life Sciences</i> , <b>2015</b> , 140, 19-28	6.8	24
43	Dexibuprofen Biodegradable Nanoparticles: One Step Closer towards a Better Ocular Interaction Study. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	22
42	Experimental Models for Aging and their Potential for Novel Drug Discovery. <i>Current Neuropharmacology</i> , <b>2018</b> , 16, 1466-1483	7.6	19
41	Peripheral and Central Effects of Memantine in a Mixed Preclinical Mice Model of Obesity and Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 7327-7339	6.2	18
40	State-of-the-art polymeric nanoparticles as promising therapeutic tools against human bacterial infections. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 156	9.4	17
39	Early Preclinical Changes in Hippocampal CREB-Binding Protein Expression in a Mouse Model of Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4885-4895	6.2	16
38	Evaluation of the Role of JNK1 in the Hippocampus in an Experimental Model of Familial Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6183-6193	6.2	16
37	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> , <b>2021</b> , 64, 812-839	8.3	16
36	JNK1 inhibition by Licochalcone A leads to neuronal protection against excitotoxic insults derived of kainic acid. <i>Neuropharmacology</i> , <b>2018</b> , 131, 440-452	5.5	16
35	Hypercholesterolemia and neurodegeneration. Comparison of hippocampal phenotypes in LDLr knockout and APPswe/PS1dE9 mice. <i>Experimental Gerontology</i> , <b>2015</b> , 65, 69-78	4.5	15
34	Role of JNK isoforms in the kainic acid experimental model of epilepsy and neurodegeneration. <i>Frontiers in Bioscience - Landmark</i> , <b>2017</b> , 22, 795-814	2.8	15
33	Benzodiazepines and Related Drugs as a Risk Factor in Alzheimer's Disease Dementia. <i>Frontiers in Aging Neuroscience</i> , <b>2019</b> , 11, 344	5.3	14
32	JNK Isoforms Are Involved in the Control of Adult Hippocampal Neurogenesis in Mice, Both in Physiological Conditions and in an Experimental Model of Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5856-5865	6.2	13
31	Anti-inflammatory role of Leptin in glial cells through p38 MAPK pathway inhibition. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 409-418	3.9	12
30	A metabolic perspective of late onset Alzheimer's disease. <i>Pharmacological Research</i> , <b>2019</b> , 145, 104255	10.2	12

29	Review of the advances in treatment for Alzheimer disease: strategies for combating Amyloid protein. <i>Neurologia (English Edition)</i> , <b>2018</b> , 33, 47-58	0.4	12
28	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> , <b>2021</b> , 19, 122	9.4	12
27	Role of c-Jun N-Terminal Kinases (JNKs) in Epilepsy and Metabolic Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	11
26	Lipid Nanoparticles for the Posterior Eye Segment.. <i>Pharmaceutics</i> , <b>2021</b> , 14,	6.4	10
25	Characterizing the multiple roles of FGF-2 in SOD1 ALS mice in vivo and in vitro. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 7395-7410	7	8
24	c-Jun N-terminal Kinase 1 ablation protects against metabolic-induced hippocampal cognitive impairments. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 1723-1733	5.5	7
23	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> , <b>2021</b> , 16, 19-35	5.6	7
22	The Ethyl Acetate Extract of Leaves of <i>Ugni molinae</i> Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APP <sup>swe</sup> /PS1 <sup>dE9</sup> Mice Fed with a High Fat Diet. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 66, 1175-1191	4.3	7
21	Role of brain c-Jun N-terminal kinase 2 in the control of the insulin receptor and its relationship with cognitive performance in a high-fat diet pre-clinical model. <i>Journal of Neurochemistry</i> , <b>2019</b> , 149, 255-268	6	6
20	A Chronological Review of Potential Disease-Modifying Therapeutic Strategies for Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 1286-1299	3.3	6
19	Epilepsy in Neurodegenerative Diseases: Related Drugs and Molecular Pathways. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	6
18	Mice Lacking Functional Fas Death Receptors Are Protected from Kainic Acid-Induced Apoptosis in the Hippocampus. <i>Molecular Neurobiology</i> , <b>2015</b> , 52, 120-9	6.2	5
17	Surface Functionalization of PLGA Nanoparticles to Increase Transport across the BBB for Alzheimer's Disease. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 4305	2.6	5
16	c-Jun N-Terminal Kinases in Alzheimer's Disease: A Possible Target for the Modulation of the Earliest Alterations. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 82, S127-S139	4.3	3
15	Involvement of JNK1 in Neuronal Polarization During Brain Development. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
14	Metformin a Potential Pharmacological Strategy in Late Onset Alzheimer's Disease Treatment. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	3
13	Targeting Brain Renin-Angiotensin System for the prevention and treatment of Alzheimer's disease: past, present and future.. <i>Ageing Research Reviews</i> , <b>2022</b> , 101612	12	3
12	Pharmacological Strategies to Improve Dendritic Spines in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 82, S91-S107	4.3	2

11	The preclinical discovery and development of opicapone for the treatment of Parkinson's disease. <i>Expert Opinion on Drug Discovery</i> , <b>2020</b> , 15, 993-1004	6.2	2
10	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> , <b>2021</b> , 612, 121379	6.5	2
9	Potential preventive disease-modifying pharmacological strategies to delay late onset Alzheimer's disease. <i>Neural Regeneration Research</i> , <b>2019</b> , 14, 1721-1725	4.5	2
8	Cannabidiol (CBD) Alters the Functionality of Neutrophils (PMN). Implications in the Refractory Epilepsy Treatment. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	2
7	Dexibuprofen ameliorates peripheral and central risk factors associated with Alzheimer's disease in metabolically stressed APPswe/PS1dE9 mice. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 141	9.8	2
6	Masitinib for the treatment of Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , <b>2021</b> , 11, 263-276	2.8	2
5	State of the Art on Toxicological Mechanisms of Metal and Metal Oxide Nanoparticles and Strategies to Reduce Toxicological Risks. <i>Toxics</i> , <b>2021</b> , 9,	4.7	2
4	Isoform-selective as opposed to complete depletion of fibroblast growth factor 2 (FGF-2) has no major impact on survival and gene expression in SOD1 amyotrophic lateral sclerosis mice. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 3028-3045	3.5	1
3	JNK1 and JNK3: divergent functions in hippocampal metabolic-cognitive function.. <i>Molecular Medicine</i> , <b>2022</b> , 28, 48	6.2	1
2	GSPE pre-treatment protects against long-term cafeteria diet-induced mitochondrial and inflammatory affectations in the hippocampus of rats. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-11	3.6	
1	EPIGALLOGATECHIN-3-GALLATE IMPROVES COGNITIVE DECLINE AND METABOLIC ALTERATIONS IN APP/PS1 FAMILIAL MODEL OF ALZHEIMER'S DISEASE FED WITH HIGH FAT DIET. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO1-1-32	0	