

# MarÃ-a del Mar Arroyo-JimÃ©nez

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,016  
citations

430442

18  
h-index

329751

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced antinociception in mice lacking neuronal nicotinic receptor subunits. <i>Nature</i> , 1999, 398, 805-810.	13.7	514
2	Effects of nicotine in the dopaminergic system of mice lacking the alpha4 subunit of neuronal nicotinic acetylcholine receptors. <i>European Journal of Neuroscience</i> , 2003, 17, 1329-1337.	1.2	224
3	Diversity and distribution of nicotinic acetylcholine receptors in the locus ceruleus neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12126-12131.	3.3	165
4	Convergence of olfactory and vomeronasal projections in the rat basal telencephalon. <i>Journal of Comparative Neurology</i> , 2007, 504, 346-362.	0.9	147
5	The mitochondria-targeted anti-oxidant MitoQ reduces aspects of mitochondrial fission in the 6-OHDA cell model of Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 174-182.	1.8	115
6	Ultrastructural Localization of the $\alpha 4$ -Subunit of the Neuronal Acetylcholine Nicotinic Receptor in the Rat Substantia Nigra. <i>Journal of Neuroscience</i> , 1999, 19, 6475-6487.	1.7	103
7	Comparative aspects of the olfactory portion of the entorhinal cortex and its projection to the hippocampus in rodents, nonhuman primates, and the human brain. <i>Brain Research Bulletin</i> , 2002, 57, 557-560.	1.4	78
8	Topographical and laminar distribution of cortical input to the monkey entorhinal cortex. <i>Journal of Anatomy</i> , 2007, 211, 250-260.	0.9	72
9	Bioactive Flavonoids, Antioxidant Behaviour, and Cytoprotective Effects of Dried Grapefruit Peels ( <i>Citrus paradisi</i> Macf.). <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	70
10	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. <i>Journal of Controlled Release</i> , 2018, 276, 125-139.	4.8	70
11	Postnatal development of calcium-binding proteins immunoreactivity (parvalbumin, calbindin,) Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.0	55
12	Three-dimensional mapping of neurofibrillary tangle burden in the human medial temporal lobe. <i>Brain</i> , 2021, 144, 2784-2797.	3.7	38
13	Convergence of unimodal and polymodal sensory input to the entorhinal cortex in the fascicularis monkey. <i>Neuroscience</i> , 2008, 151, 255-271.	1.1	33
14	Gross anatomy dissections and self-directed learning in medicine. <i>Clinical Anatomy</i> , 2005, 18, 385-391.	1.5	29
15	Improving green enrichment of virgin olive oil by oregano. Effects on antioxidants. <i>Food Chemistry</i> , 2016, 197, 509-515.	4.2	24
16	Design of the interface of edible nanoemulsions to modulate the bioaccessibility of neuroprotective antioxidants. <i>International Journal of Pharmaceutics</i> , 2015, 490, 209-218.	2.6	23
17	Reciprocal connections between olfactory structures and the cortex of the rostral superior temporal sulcus in the Macaca fascicularis monkey. <i>European Journal of Neuroscience</i> , 2005, 22, 2503-2518.	1.2	21
18	PEGylated Nanoemulsions for Oral Delivery: Role of the Inner Core on the Final Fate of the Formulation. <i>Langmuir</i> , 2017, 33, 4269-4279.	1.6	20

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19	Nanotechnology in reproduction: Vitamin E nanoemulsions for reducing oxidative stress in sperm cells. <i>Free Radical Biology and Medicine</i> , 2020, 160, 47-56.	1.3	20
20	Neuroprotective Natural Molecules, From Food to Brain. <i>Frontiers in Neuroscience</i> , 2018, 12, 721.	1.4	18
21	Mapping of tyrosine hydroxylase in the alpaca ( <i>Lama pacos</i> ) brainstem and colocalization with CGRP. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 63-72.	1.0	15
22	Mapping of tyrosine hydroxylase in the diencephalon of alpaca ( <i>Lama pacos</i> ) and co-distribution with somatostatin-28 (1-12). <i>Journal of Chemical Neuroanatomy</i> , 2013, 50-51, 66-74.	1.0	14
23	Influence of the surface properties of nanocapsules on their interaction with intestinal barriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 203-213.	2.0	14
24	Developmental study of the distribution of hypoxia-induced factor-1 alpha and microtubule-associated protein 2 in children's brainstem: Comparison between controls and cases with signs of perinatal hypoxia. <i>Neuroscience</i> , 2014, 271, 77-98.	1.1	13
25	Colloids for drug delivery to the brain. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 42, 193-206.	1.4	13
26	The role of the intestinal-protein corona on the mucodiffusion behaviour of new nanoemulsions stabilised by ascorbyl derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110740.	2.5	13
27	Quantitative estimation of the primary auditory cortex in human brains. <i>Brain Research</i> , 2004, 1008, 20-28.	1.1	12
28	Downstream effects of polypathology on neurodegeneration of medial temporal lobe subregions. <i>Acta Neuropathologica Communications</i> , 2021, 9, 128.	2.4	12
29	Prefrontal cortex afferents to the anterior temporal lobe in the <i>Macaca fascicularis</i> monkey. <i>Journal of Comparative Neurology</i> , 2015, 523, 2570-2598.	0.9	11
30	Ascorbyl-dipalmitate-stabilised nanoemulsions as a potential localised treatment of inflammatory bowel diseases. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119533.	2.6	10
31	Vitamin transporters in mice brain with aging. <i>Journal of Anatomy</i> , 2018, 232, 699-715.	0.9	9
32	The Nonhuman Primate Hippocampus: Neuroanatomy and Patterns of Cortical Connectivity. , 2017, , 3-36.		8
33	Distribution of peptidergic populations in the human dentate gyrus (Somatostatin [SOM-28, SOM-12]) Tj ETQq1 1_0,784314,rgBT /Orel	1.5	7
34	Developmental study of vitamin C distribution in children's brainstems by immunohistochemistry. <i>Annals of Anatomy</i> , 2015, 201, 65-78.	1.0	5
35	Ultrafast determination of vitamin E using LC-ESI-MS/MS for preclinical development of new nutraceutical formulations. <i>Bioanalysis</i> , 2018, 10, 215-227.	0.6	5
36	Neuropeptides in the developing human hippocampus under hypoxic-ischemic conditions. <i>Journal of Anatomy</i> , 2021, 239, 856-868.	0.9	5

#	ARTICLE	IF	CITATIONS
37	Neurodegenerative Diseases: A Multidisciplinary Approach. Current Pharmaceutical Design, 2021, 27, 3305-3336.	0.9	5
38	New Indices for Refining Multiple Choice Questions. Journal of Probability and Statistics, 2014, 2014, 1-8.	0.3	3
39	Postnatal development of the human entorhinal cortex. , 2002, , 20-31.		3
40	Investidura como Doctor Honoris Causa del Excelentísimo Señor D. Juan Carlos Izpisua Belmonte. , 0, , .		0