

# Aino Martinez-Marcos

## List of Publications by Year in descending order

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87  
papers

3,294  
citations

172457

29  
h-index

168389

53  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurodegeneration and astrogliosis in the entorhinal cortex in Alzheimer's disease: Stereological layer-specific assessment and proteomic analysis. <i>Alzheimer's and Dementia</i> , 2022, 18, 2468-2480.	0.8	21
2	Neurodegeneration and Astroglial Involvement in the Human CA1 Hippocampal Subfield Are Related to hsp90ab1 and bag3 in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 165.	4.1	22
3	Astroglial and sexually dimorphic neurodegeneration and microglial in the olfactory bulb in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 11.	5.3	23
4	What emotions do physical therapy students feel during their first visit to the dissection room?. <i>Annals of Anatomy</i> , 2021, 239, 151777.	1.9	5
5	The Human Hippocampus in Parkinson's Disease: An Integrative Stereological and Proteomic Study. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1345-1365.	2.8	27
6	Somatostatin and Astroglial Involvement in the Human Limbic System in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8434.	4.1	7
7	Anxiety among nursing students during their first human prosection. <i>Nurse Education Today</i> , 2020, 85, 104269.	3.3	16
8	The human olfactory system in two proteinopathies: Alzheimer's and Parkinson's diseases. <i>Translational Neurodegeneration</i> , 2020, 9, 22.	8.0	62
9	Somatostatin, Olfaction, and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2020, 14, 96.	2.8	22
10	Anxiety levels among health sciences students during their first visit to the dissection room. <i>BMC Medical Education</i> , 2020, 20, 109.	2.4	13
11	Cranial Pair 0: The Nervus Terminalis. <i>Anatomical Record</i> , 2019, 302, 394-404.	1.4	18
12	Human amyloid- $\beta^2$ enriched extracts: evaluation of in vitro and in vivo internalization and molecular characterization. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 56.	6.2	16
13	Neurodegeneration and contralateral $\alpha$ -synuclein induction after intracerebral $\alpha$ -synuclein injections in the anterior olfactory nucleus of a Parkinson's disease A53T mouse model. <i>Acta Neuropathologica Communications</i> , 2019, 7, 56.	5.2	13
14	Cranial nerves: Phylogeny and ontogeny. <i>Anatomical Record</i> , 2019, 302, 378-380.	1.4	6
15	Cranial Nerves: Morphology and Clinical Relevance. <i>Anatomical Record</i> , 2019, 302, 555-557.	1.4	5
16	Anxiety among Medical Students when Faced with the Practice of Anatomical Dissection. <i>Anatomical Sciences Education</i> , 2019, 12, 300-309.	3.7	28
17	Learning from human cadaveric prosections: Examining anxiety in speech therapy students. <i>Anatomical Sciences Education</i> , 2017, 10, 487-494.	3.7	21
18	$\alpha$ -Synucleinopathy in the Human Amygdala in Parkinson Disease: Differential Vulnerability of Somatostatin- and Parvalbumin-Expressing Neurons. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 754-758.	1.7	13

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19	Differential Effects of Parkinson's Disease on Interneuron Subtypes within the Human Anterior Olfactory Nucleus. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 113.	1.7	19
20	Neurogenesis, Neurodegeneration, Interneuron Vulnerability, and Amyloid- $\beta^2$ in the Olfactory Bulb of APP/PS1 Mouse Model of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 227.	2.8	20
21	Editorial: 50th Anniversary of Adult Neurogenesis: Olfaction, Hippocampus, and Beyond. <i>Frontiers in Neuroscience</i> , 2016, 10, 319.	2.8	3
22	Hippocampal $\beta$ -synuclein and interneurons in Parkinson's disease: Data from human and mouse models. <i>Movement Disorders</i> , 2016, 31, 979-988.	3.9	26
23	Interneurons in the human olfactory system in Alzheimer's disease. <i>Experimental Neurology</i> , 2016, 276, 13-21.	4.1	36
24	Olfactory and cortical projections to bulbar and hippocampal adult-born neurons. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 4.	1.7	17
25	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.	1.6	11
26	$\beta$ -Synuclein staging in the amygdala of a Parkinson's disease model: cell types involved. <i>European Journal of Neuroscience</i> , 2015, 41, 137-146.	2.6	9
27	Interneurons, tau and amyloid- $\beta^2$ in the piriform cortex in Alzheimer's disease. <i>Brain Structure and Function</i> , 2015, 220, 2011-2025.	2.3	64
28	$\beta$ -Synuclein in the olfactory system in Parkinson's disease: role of neural connections on spreading pathology. <i>Brain Structure and Function</i> , 2014, 219, 1513-26.	2.3	52
29	Ultrasound-guided sciatic nerve pulsed radiofrequency for chronic knee pain treatment: a novel approach. <i>Journal of Anesthesia</i> , 2013, 27, 935-938.	1.7	23
30	Interneurons and Beta-Amyloid in the Olfactory Bulb, Anterior Olfactory Nucleus and Olfactory Tubercle in APPxPS1 Transgenic Mice Model of Alzheimer's Disease. <i>Anatomical Record</i> , 2013, 296, 1413-1423.	1.4	30
31	Differential Expression of Interneuron Populations and Correlation with Amyloid- $\beta^2$ Deposition in the Olfactory Cortex of an APP/PS1 Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 113-129.	2.6	35
32	Centrifugal telencephalic afferent connections to the main and accessory olfactory bulbs. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 19.	1.7	39
33	$\beta$ -Synuclein in the olfactory system of a mouse model of Parkinson's disease: correlation with olfactory projections. <i>Brain Structure and Function</i> , 2012, 217, 447-458.	2.3	29
34	Cladistic Analysis of Olfactory and Vomeronasal Systems. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 3.	1.7	35
35	Maturation of newly born vomeronasal neurons in the adult mice. <i>NeuroReport</i> , 2011, 22, 28-32.	1.2	2
36	$\beta$ -Synucleinopathy in the human olfactory system in Parkinson's disease: involvement of calcium-binding protein- and substance P-positive cells. <i>Acta Neuropathologica</i> , 2010, 119, 723-735.	7.7	87

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37	Neurogenesis in subclasses of vomeronasal sensory neurons in adult mice. <i>Developmental Neurobiology</i> , 2010, 70, 961-970.	3.0	27
38	Staging of $\alpha$ -synuclein in the olfactory bulb in a model of Parkinson's disease: Cell types involved. <i>Movement Disorders</i> , 2010, 25, 1701-1707.	3.9	24
39	Chemosensory Function of the Amygdala. <i>Vitamins and Hormones</i> , 2010, 83, 165-196.	1.7	37
40	Somatostatin, tau, and $\beta$ -amyloid within the anterior olfactory nucleus in Alzheimer disease. <i>Experimental Neurology</i> , 2010, 223, 347-350.	4.1	55
41	Subicular and CA1 hippocampal projections to the accessory olfactory bulb. <i>Hippocampus</i> , 2009, 19, 124-129.	1.9	28
42	Fate of marginal neuroblasts in the vomeronasal epithelium of adult mice. <i>Journal of Comparative Neurology</i> , 2009, 517, 723-736.	1.6	19
43	On the organization of olfactory and vomeronasal cortices. <i>Progress in Neurobiology</i> , 2009, 87, 21-30.	5.7	110
44	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
45	Convergence of unimodal and polymodal sensory input to the entorhinal cortex in the fascicularis monkey. <i>Neuroscience</i> , 2008, 151, 255-271.	2.3	33
46	Vomeronasal inputs to the rodent ventral striatum. <i>Brain Research Bulletin</i> , 2008, 75, 467-473.	3.0	38
47	Projections of olfactory bulbs to the olfactory and vomeronasal cortices. <i>NeuroReport</i> , 2008, 19, 1541-1544.	1.2	8
48	V1R and V2R segregated vomeronasal pathways to the hypothalamus. <i>NeuroReport</i> , 2008, 19, 1623-1626.	1.2	23
49	Convergence of olfactory and vomeronasal projections in the rat basal telencephalon. <i>Journal of Comparative Neurology</i> , 2007, 504, 346-362.	1.6	147
50	Segregated pathways to the vomeronasal amygdala: differential projections from the anterior and posterior divisions of the accessory olfactory bulb. <i>European Journal of Neuroscience</i> , 2007, 25, 2065-2080.	2.6	106
51	Topographical and laminar distribution of cortical input to the monkey entorhinal cortex. <i>Journal of Anatomy</i> , 2007, 211, 250-260.	1.5	72
52	Projections from the posterolateral olfactory amygdala to the ventral striatum: neural basis for reinforcing properties of chemical stimuli. <i>BMC Neuroscience</i> , 2007, 8, 103.	1.9	58
53	Efferent connections of the main olfactory bulb in the opossum ( <i>Monodelphis domestica</i> ): A characterization of the olfactory entorhinal cortex in a marsupial. <i>Neuroscience Letters</i> , 2006, 395, 51-56.	2.1	19
54	Substantia nigra compacta neurons that innervate the reticular thalamic nucleus in the rat also project to striatum or globus pallidus: Implications for abnormal motor behavior. <i>Neuroscience</i> , 2006, 143, 477-486.	2.3	50

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55	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.	2.6	21
56	Neurogenesis, migration, and apoptosis in the vomeronasal epithelium of adult mice. <i>Journal of Neurobiology</i> , 2005, 63, 173-187.	3.6	33
57	Gross anatomy dissections and self-directed learning in medicine. <i>Clinical Anatomy</i> , 2005, 18, 385-391.	2.7	29
58	Chemoarchitecture and afferent connections of the "olfactostriatum", a specialized vomeronasal structure within the basal ganglia of snakes. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 49-69.	2.1	12
59	Efferent connections of the "olfactostriatum": A specialized vomeronasal structure within the basal ganglia of snakes. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 217-226.	2.1	14
60	The "olfactostriatum" of snakes: A basal ganglia vomeronasal structure in tetrapods. <i>Brain Research Bulletin</i> , 2005, 66, 337-340.	3.0	5
61	The Parahippocampal Gyrus in the Baboon: Anatomical, Cytoarchitectonic and Magnetic Resonance Imaging (MRI) Studies. <i>Cerebral Cortex</i> , 2004, 14, 231-246.	2.9	22
62	Quantitative estimation of the primary auditory cortex in human brains. <i>Brain Research</i> , 2004, 1008, 20-28.	2.2	12
63	Postnatal development of calcium-binding proteins immunoreactivity (parvalbumin, calbindin.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 1</i>	2.1	55
64	Structure and function of the vomeronasal system: an update. <i>Progress in Neurobiology</i> , 2003, 70, 245-318.	5.7	587
65	Retinal ganglion cells projecting to the optic tectum and visual thalamus of lizards. <i>Visual Neuroscience</i> , 2002, 19, 575-581.	1.0	6
66	The pallial amygdala of amniote vertebrates: evolution of the concept, evolution of the structure. <i>Brain Research Bulletin</i> , 2002, 57, 463-469.	3.0	121
67	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.	3.0	78
68	Neural substrates for processing chemosensory information in snakes. <i>Brain Research Bulletin</i> , 2002, 57, 543-546.	3.0	21
69	Immunohistochemical identification of components of the chemoattractant signal transduction pathway in vomeronasal bipolar neurons of garter snakes. <i>Brain Research</i> , 2002, 952, 146-151.	2.2	4
70	Neural substrates for tongue-flicking behavior in snakes. <i>Journal of Comparative Neurology</i> , 2001, 432, 75-87.	1.6	23
71	Cell migration to the anterior and posterior divisions of the granule cell layer of the accessory olfactory bulb of adult opossums. <i>Developmental Brain Research</i> , 2001, 127, 95-98.	1.7	12
72	Neurogenesis in the vomeronasal epithelium of adult rats: Evidence for different mechanisms for growth and neuronal turnover. <i>Journal of Neurobiology</i> , 2000, 44, 423-435.	3.6	36

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73	Cell turnover in the vomeronasal epithelium: Evidence for differential migration and maturation of subclasses of vomeronasal neurons in the adult opossum. <i>Journal of Neurobiology</i> , 2000, 43, 50-63.	3.6	25
74	Differential projections from the anterior and posterior divisions of the accessory olfactory bulb to the medial amygdala in the opossum, <i>Monodelphis domestica</i> . <i>European Journal of Neuroscience</i> , 1999, 11, 3789-3799.	2.6	55
75	Afferents to the red nucleus in the lizard <i>Podarcis hispanica</i> : Putative pathways for visuomotor integration. <i>Journal of Comparative Neurology</i> , 1999, 411, 35-55.	1.6	12
76	Organization of the ophidian amygdala: Chemosensory pathways to the hypothalamus. , 1999, 412, 51-68.		42
77	What is the amygdala? A comparative approach. <i>Trends in Neurosciences</i> , 1999, 22, 207.	8.6	14
78	Differential centrifugal afferents to the anterior and posterior accessory olfactory bulb. <i>NeuroReport</i> , 1999, 10, 2011-2015.	1.2	38
79	Septal complex of the telencephalon of lizards: III. Efferent connections and general discussion. <i>Journal of Comparative Neurology</i> , 1998, 401, 525-548.	1.6	43
80	Identification of the reptilian basolateral amygdala: an anatomical investigation of the afferents to the posterior dorsal ventricular ridge of the lizard <i>Podarcis hispanica</i> . <i>European Journal of Neuroscience</i> , 1998, 10, 3517-3534.	2.6	74
81	Ascending projections from the optic tectum in the lizard <i>Podarcis hispanica</i> . <i>Visual Neuroscience</i> , 1998, 15, 459-475.	1.0	14
82	A Lacertilian Dorsal Retinorecipient Thalamus: A Re-Investigation in the Old-World Lizard <i>Podarcis hispanica</i> ; (Part 1 of 2). <i>Brain, Behavior and Evolution</i> , 1997, 50, 313-323.	1.7	64
83	Septal complex of the telencephalon of the lizard <i>Podarcis hispanica</i> . II. afferent connections. <i>Journal of Comparative Neurology</i> , 1997, 383, 489-511.	1.6	37
84	Amygdalo-hypothalamic projections in the lizard <i>Podarcis hispanica</i> : A combined anterograde and retrograde tracing study. <i>Journal of Comparative Neurology</i> , 1997, 384, 537-555.	1.6	46
85	Catecholaminergic interplexiform cells in the retina of lizards. <i>Vision Research</i> , 1996, 36, 1349-1355.	1.4	6
86	Neural Basis of Hyposmia in Alzheimer's Disease. , 0, , .		2
87	Neuronal and glial characterization in the rostrocaudal axis of the human anterior olfactory nucleus: Involvement in Parkinson's disease. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	1.7	2