

# Aino Martinez-Marcos

## List of Publications by Year in descending order

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87  
papers

3,294  
citations

172207  
29  
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168136  
53  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and function of the vomeronasal system: an update. <i>Progress in Neurobiology</i> , 2003, 70, 245-318.	2.8	587
2	Convergence of olfactory and vomeronasal projections in the rat basal telencephalon. <i>Journal of Comparative Neurology</i> , 2007, 504, 346-362.	0.9	147
3	The pallial amygdala of amniote vertebrates: evolution of the concept, evolution of the structure. <i>Brain Research Bulletin</i> , 2002, 57, 463-469.	1.4	121
4	On the organization of olfactory and vomeronasal cortices. <i>Progress in Neurobiology</i> , 2009, 87, 21-30.	2.8	110
5	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.	1.2	106
6	Î±-Synucleinopathy in the human olfactory system in Parkinsonâ€™s disease: involvement of calcium-binding protein- and substance P-positive cells. <i>Acta Neuropathologica</i> , 2010, 119, 723-735.	3.9	87
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	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.	1.2	74
9	Topographical and laminar distribution of cortical input to the monkey entorhinal cortex. <i>Journal of Anatomy</i> , 2007, 211, 250-260.	0.9	72
10	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.	0.9	64
11	Interneurons, tau and amyloid-Î² in the piriform cortex in Alzheimerâ€™s disease. <i>Brain Structure and Function</i> , 2015, 220, 2011-2025.	1.2	64
12	The human olfactory system in two proteinopathies: Alzheimerâ€™s and Parkinsonâ€™s diseases. <i>Translational Neurodegeneration</i> , 2020, 9, 22.	3.6	62
13	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.	0.8	58
14	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.	1.2	55
15	Postnatal development of calcium-binding proteins immunoreactivity (parvalbumin, calbindin,) Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.0	55
16	Somatostatin, tau, and Î²-amyloid within the anterior olfactory nucleus in Alzheimer disease. <i>Experimental Neurology</i> , 2010, 223, 347-350.	2.0	55
17	Î±-Synuclein in the olfactory system in Parkinsonâ€™s disease: role of neural connections on spreading pathology. <i>Brain Structure and Function</i> , 2014, 219, 1513-26.	1.2	52
18	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.	1.1	50

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19	Amygdalo-hypothalamic projections in the lizard <i>Podarcis hispanica</i> : A combined anterograde and retrograde tracing study. , 1997, 384, 537-555.		46
20	Septal complex of the telencephalon of lizards: III. Efferent connections and general discussion. <i>Journal of Comparative Neurology</i> , 1998, 401, 525-548.	0.9	43
21	Organization of the ophidian amygdala: Chemosensory pathways to the hypothalamus. , 1999, 412, 51-68.		42
22	Centrifugal telencephalic afferent connections to the main and accessory olfactory bulbs. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 19.	0.9	39
23	Differential centrifugal afferents to the anterior and posterior accessory olfactory bulb. <i>NeuroReport</i> , 1999, 10, 2011-2015.	0.6	38
24	Vomeranasal inputs to the rodent ventral striatum. <i>Brain Research Bulletin</i> , 2008, 75, 467-473.	1.4	38
25	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.	0.9	37
26	Chemosensory Function of the Amygdala. <i>Vitamins and Hormones</i> , 2010, 83, 165-196.	0.7	37
27	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.	3.7	36
28	Interneurons in the human olfactory system in Alzheimer's disease. <i>Experimental Neurology</i> , 2016, 276, 13-21.	2.0	36
29	Cladistic Analysis of Olfactory and Vomeronasal Systems. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 3.	0.9	35
30	Differential Expression of Interneuron Populations and Correlation with Amyloid- $\beta$ Deposition in the Olfactory Cortex of an $A\beta$ PP/PS1 Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 113-129.	1.2	35
31	Neurogenesis, migration, and apoptosis in the vomeronasal epithelium of adult mice. <i>Journal of Neurobiology</i> , 2005, 63, 173-187.	3.7	33
32	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
33	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.	0.8	30
34	Gross anatomy dissections and self-directed learning in medicine. <i>Clinical Anatomy</i> , 2005, 18, 385-391.	1.5	29
35	$\alpha$ -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.	1.2	29
36	Subicular and CA1 hippocampal projections to the accessory olfactory bulb. <i>Hippocampus</i> , 2009, 19, 124-129.	0.9	28

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37	Anxiety among Medical Students when Faced with the Practice of Anatomical Dissection. <i>Anatomical Sciences Education</i> , 2019, 12, 300-309.	2.5	28
38	Neurogenesis in subclasses of vomeronasal sensory neurons in adult mice. <i>Developmental Neurobiology</i> , 2010, 70, 961-970.	1.5	27
39	The Human Hippocampus in Parkinson's Disease: An Integrative Stereological and Proteomic Study. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1345-1365.	1.5	27
40	Hippocampal $\alpha$ -synuclein and interneurons in Parkinson's disease: Data from human and mouse models. <i>Movement Disorders</i> , 2016, 31, 979-988.	2.2	26
41	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.	3.7	25
42	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.	2.2	24
43	Neural substrates for tongue-flicking behavior in snakes. <i>Journal of Comparative Neurology</i> , 2001, 432, 75-87.	0.9	23
44	V1R and V2R segregated vomeronasal pathways to the hypothalamus. <i>NeuroReport</i> , 2008, 19, 1623-1626.	0.6	23
45	Ultrasound-guided sciatic nerve pulsed radiofrequency for chronic knee pain treatment: a novel approach. <i>Journal of Anesthesia</i> , 2013, 27, 935-938.	0.7	23
46	Astrogliosis and sexually dimorphic neurodegeneration and microgliosis in the olfactory bulb in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 11.	2.5	23
47	The Parahippocampal Gyrus in the Baboon: Anatomical, Cytoarchitectonic and Magnetic Resonance Imaging (MRI) Studies. <i>Cerebral Cortex</i> , 2004, 14, 231-246.	1.6	22
48	Somatostatin, Olfaction, and Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2020, 14, 96.	1.4	22
49	Neurodegeneration and Astrogliosis 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.	1.8	22
50	Neural substrates for processing chemosensory information in snakes. <i>Brain Research Bulletin</i> , 2002, 57, 543-546.	1.4	21
51	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
52	Learning from human cadaveric prosections: Examining anxiety in speech therapy students. <i>Anatomical Sciences Education</i> , 2017, 10, 487-494.	2.5	21
53	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.	0.4	21
54	Neurogenesis, Neurodegeneration, Interneuron Vulnerability, and Amyloid- $\beta$ in the Olfactory Bulb of APP/PS1 Mouse Model of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 227.	1.4	20

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55	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.	1.0	19
56	Fate of marginal neuroblasts in the vomeronasal epithelium of adult mice. <i>Journal of Comparative Neurology</i> , 2009, 517, 723-736.	0.9	19
57	Differential Effects of Parkinson's Disease on Interneuron Subtypes within the Human Anterior Olfactory Nucleus. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 113.	0.9	19
58	Cranial Pair 0: The Nervus Terminalis. <i>Anatomical Record</i> , 2019, 302, 394-404.	0.8	18
59	Olfactory and cortical projections to bulbar and hippocampal adult-born neurons. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 4.	0.9	17
60	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.	3.0	16
61	Anxiety among nursing students during their first human prosection. <i>Nurse Education Today</i> , 2020, 85, 104269.	1.4	16
62	Ascending projections from the optic tectum in the lizard <i>Podarcis hispanica</i> . <i>Visual Neuroscience</i> , 1998, 15, 459-475.	0.5	14
63	What is the amygdala? A comparative approach. <i>Trends in Neurosciences</i> , 1999, 22, 207.	4.2	14
64	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.	1.0	14
65	$\beta$ -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.	0.9	13
66	Neurodegeneration and contralateral $\beta$ -synuclein induction after intracerebral $\beta$ -synuclein injections in the anterior olfactory nucleus of a Parkinson's disease A53T mouse model. <i>Acta Neuropathologica Communications</i> , 2019, 7, 56.	2.4	13
67	Anxiety levels among health sciences students during their first visit to the dissection room. <i>BMC Medical Education</i> , 2020, 20, 109.	1.0	13
68	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.	0.9	12
69	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.	2.1	12
70	Quantitative estimation of the primary auditory cortex in human brains. <i>Brain Research</i> , 2004, 1008, 20-28.	1.1	12
71	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.	1.0	12
72	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

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73	Î±-Synuclein staging in the amygdala of a Parkinson's disease model: cell types involved. European Journal of Neuroscience, 2015, 41, 137-146.	1.2	9
74	Projections of olfactory bulbs to the olfactory and vomeronasal cortices. NeuroReport, 2008, 19, 1541-1544.	0.6	8
75	Somatostatin and Astroglial Involvement in the Human Limbic System in Alzheimer's Disease. International Journal of Molecular Sciences, 2021, 22, 8434.	1.8	7
76	Catecholaminergic interplexiform cells in the retina of lizards. Vision Research, 1996, 36, 1349-1355.	0.7	6
77	Retinal ganglion cells projecting to the optic tectum and visual thalamus of lizards. Visual Neuroscience, 2002, 19, 575-581.	0.5	6
78	Cranial nerves: Phylogeny and ontogeny. Anatomical Record, 2019, 302, 378-380.	0.8	6
79	The olfactostriatum of snakes: A basal ganglia vomeronasal structure in tetrapods. Brain Research Bulletin, 2005, 66, 337-340.	1.4	5
80	Cranial Nerves: Morphology and Clinical Relevance. Anatomical Record, 2019, 302, 555-557.	0.8	5
81	What emotions do physical therapy students feel during their first visit to the dissection room?. Annals of Anatomy, 2021, 239, 151777.	1.0	5
82	Immunohistochemical identification of components of the chemoattractant signal transduction pathway in vomeronasal bipolar neurons of garter snakes. Brain Research, 2002, 952, 146-151.	1.1	4
83	Editorial: 50th Anniversary of Adult Neurogenesis: Olfaction, Hippocampus, and Beyond. Frontiers in Neuroscience, 2016, 10, 319.	1.4	3
84	Maturation of newly born vomeronasal neurons in the adult mice. NeuroReport, 2011, 22, 28-32.	0.6	2
85	Neural Basis of Hyposmia in Alzheimer's Disease. , 0, , .		2
86	Neuronal and glial characterization in the rostrocaudal axis of the human anterior olfactory nucleus: Involvement in Parkinson's disease. Frontiers in Neuroanatomy, 0, 16, .	0.9	2
87	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0