M Isabel Rodriguez-Moldes

List of Publications by Year
in descending order

78 papers	2,119 citations	186209 28 h-index	289141 40 g-index
81 all docs	81 docs citations	81 times ranked	945 citing authors

#	Article	IF	Citations
1	Identifying Amygdala-Like Territories in <i>Scyliorhinus canicula</i> (Chondrichthyan): Evidence for a Pallial Amygdala. Brain, Behavior and Evolution, 2021, , 1-22.	0.9	3
2	Differential expression of five prosomatostatin genes in the central nervous system of the catshark <scp><i>Scyliorhinus canicula</i></scp>. Journal of Comparative Neurology, 2020, 528, 2333-2360.	0.9	9
3	Neurogenetic asymmetries in the catshark developing habenulae: mechanistic and evolutionary implications. Scientific Reports, 2018, 8, 4616.	1.6	9
4	The Shark Basal Hypothalamus: Molecular Prosomeric Subdivisions and Evolutionary Trends. Frontiers in Neuroanatomy, 2018, 12, 17.	0.9	8
5	A Developmental Study of the Cerebellar Nucleus in the Catshark, a Basal Gnathostome. Brain, Behavior and Evolution, 2017, 89, 1-14.	0.9	5
6	The Brains of Cartilaginous Fishes. , 2017, , 77-97.		13
7	The Shark Alar Hypothalamus: Molecular Characterization of Prosomeric Subdivisions and Evolutionary Trends. Frontiers in Neuroanatomy, 2016, 10, 113.	0.9	11
8	Genoarchitecture of the rostral hindbrain of a shark: basis for understanding the emergence of the cerebellum at the agnathanâ€"gnathostome transition. Brain Structure and Function, 2016, 221, 1321-1335.	1.2	24
9	Morphogenesis of the cerebellum and cerebellum-related structures in the shark Scyliorhinus canicula: insights on the ground pattern of the cerebellar ontogeny. Brain Structure and Function, 2016, 221, 1691-1717.	1.2	23
10	Prosomeric organization of the hypothalamus in an elasmobranch, the catshark Scyliorhinus canicula. Frontiers in Neuroanatomy, 2015, 09, 37.	0.9	24
11	Tangential migratory pathways of subpallial origin in the embryonic telencephalon of sharks: evolutionary implications. Brain Structure and Function, 2015, 220, 2905-2926.	1.2	25
12	The ancestral role of nodal signalling in breaking L/R symmetry in the vertebrate forebrain. Nature Communications, 2015, 6, 6686.	5.8	32
13	Development of the Terminal Nerve System in the Shark <i>Scyliorhinus canicula</i>. Brain, Behavior and Evolution, 2014, 84, 277-287.	0.9	8
14	Development of the cerebellar afferent system in the shark <i>Scyliorhinus canicula</i>: Insights into the basal organization of precerebellar nuclei in gnathostomes. Journal of Comparative Neurology, 2014, 522, 131-168.	0.9	28
15	Developmental, tract-tracing and immunohistochemical study of the peripheral olfactory system in a basal vertebrate: insights on Pax6 neurons migrating along the olfactory nerve. Brain Structure and Function, 2014, 219, 85-104.	1.2	32
16	Glycineâ€immunoreactive neurons in the brain of a shark (<i>Scyliorhinus canicula</i> L.). Journal of Comparative Neurology, 2013, 521, 3057-3082.	0.9	18
17	Development of tyrosine hydroxylaseâ€immunoreactive cell populations and fiber pathways in the brain of the dogfish <i>Scyliorhinus canicula</i>: New perspectives on the evolution of the vertebrate catecholaminergic system. Journal of Comparative Neurology, 2012, 520, 3574-3603.	0.9	31
18	Contributions of Developmental Studies in the Dogfish <i>Scyliorhinus canicula</i> to the Brain Anatomy of Elasmobranchs: Insights on the Basal Ganglia. Brain, Behavior and Evolution, 2012, 80, 127-141.	0.9	32

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19	Dynamic expression of Pax6 in the shark olfactory system: evidence for the presence of Pax6 cells along the olfactory nerve pathway. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2012, 318, 79-90.	0.6	18
20	Pax6 expression during retinogenesis in sharks: comparison with markers of cell proliferation and neuronal differentiation. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2012, 318, 91-108.	0.6	29
21	Regionalization of the Shark Hindbrain: A Survey of an Ancestral Organization. Frontiers in Neuroanatomy, 2011, 5, 16.	0.9	23
22	Comparative analysis of Met-enkephalin, galanin and GABA immunoreactivity in the developing trout preopticâ€"hypophyseal system. General and Comparative Endocrinology, 2011, 173, 148-158.	0.8	14
23	Distribution of glycine immunoreactivity in the brain of the Siberian sturgeon (Acipenser baeri): Comparison with Î³-aminobutyric acid. Journal of Comparative Neurology, 2011, 519, 1115-1142.	0.9	43
24	BRAIN AND NERVOUS SYSTEM | Functional Morphology of the Brains of Cartilaginous Fishes. , 2011, , 26-36.		2
25	Dynamic expression of Pax6 in the shark olfactory system: evidence for the presence of Pax6 cells along the olfactory nerve pathway. , 2011, , n/a-n/a.		0
26	Pax6 expression during retinogenesis in sharks: comparison with markers of cell proliferation and neuronal differentiation. , 2011, , n/a-n/a.		0
27	[P1.39]: Development of descending supraspinal pathways in a shark and neurochemical characterization of projection neurons. International Journal of Developmental Neuroscience, 2010, 28, 668-669.	0.7	0
28	Patterns of cell proliferation and rod photoreceptor differentiation in shark retinas. Journal of Chemical Neuroanatomy, 2010, 39, 1-14.	1.0	45
29	Calretinin immunoreactivity in the developing retina of sharks: Comparison with cell proliferation and GABAergic system markers. Experimental Eye Research, 2010, 91, 378-386.	1.2	17
30	Calretinin-immunoreactive systems in the cerebellum and cerebellum-related lateral-line medullary nuclei of an elasmobranch, Scyliorhinus canicula. Journal of Chemical Neuroanatomy, 2009, 37, 46-54.	1.0	16
31	A Developmental Approach to Forebrain Organization in Elasmobranchs: New Perspectives on the Regionalization of the Telencephalon. Brain, Behavior and Evolution, 2009, 74, 20-29.	0.9	36
32	Development of the serotoninergic system in the central nervous system of a shark, the lesser spotted dogfish <i>Scyliorhinus canicula</i>. Journal of Comparative Neurology, 2008, 511, 804-831.	0.9	56
33	Morphogenesis in the retina of a slow-developing teleost: Emergence of the GABAergic system in relation to cell proliferation and differentiation. Brain Research, 2008, 1194, 21-27.	1.1	20
34	Distribution of somatostatin immunoreactive neurons and fibres in the central nervous system of a chondrostean, the Siberian sturgeon (Acipenser baeri). Brain Research, 2008, 1209, 92-104.	1.1	14
35	Development of the cerebellar body in sharks: Spatiotemporal relations of Pax6 expression, cell proliferation and differentiation. Neuroscience Letters, 2008, 432, 105-110.	1.0	45
36	Early development of GABAergic cells of the retina in sharks: An immunohistochemical study with GABA and GAD antibodies. Journal of Chemical Neuroanatomy, 2008, 36, 6-16.	1.0	23

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37	Tangentially migrating GABAergic cells of subpallial origin invade massively the pallium in developing sharks. Brain Research Bulletin, 2008, 75, 405-409.	1.4	53
38	The segmental organization of the developing shark brain based on neurochemical markers, with special attention to the prosencephalon. Brain Research Bulletin, 2008, 75, 236-240.	1.4	34
39	The Dogfish <i>Scyliorhinus canicula:</i> A Reference in Jawed Vertebrates. Cold Spring Harbor Protocols, 2008, 2008, pdb.emo111.	0.2	60
40	New Insights on Saccus vasculosus Evolution: A Developmental and Immunohistochemical Study in Elasmobranchs. Brain, Behavior and Evolution, 2007, 70, 187-204.	0.9	44
41	Organization of the torus longitudinalis in the rainbow trout (Oncorhynchus mykiss): An immunohistochemical study of the GABAergic system and a DiI tract-tracing study. Journal of Comparative Neurology, 2007, 503, 348-370.	0.9	32
42	GABAergic system of the pineal organ of an elasmobranch (Scyliorhinus canicula): a developmental immunocytochemical study. Cell and Tissue Research, 2006, 323, 273-281.	1.5	11
43	Patterns of cell proliferation and cell death in the developing retina and optic tectum of the brown trout. Developmental Brain Research, 2005, 154, 101-119.	2.1	96
44	Reelin expression in the retina and optic tectum of developing common brown trout. Developmental Brain Research, 2005, 154, 187-197.	2.1	9
45	Cell proliferation in the developing and adult hindbrain and midbrain of trout and medaka (teleosts): A segmental approach. Developmental Brain Research, 2005, 160, 157-175.	2.1	39
46	Distribution of galanin-like immunoreactivity in the brain of the Siberian sturgeon (Acipenser baeri). Journal of Comparative Neurology, 2005, 487, 54-74.	0.9	20
47	Temporal and spatial organization of tyrosine hydroxylase-immunoreactive cell groups in the embryonic brain of an elasmobranch, the lesser-spotted dogfish Scyliorhinus canicula. Brain Research Bulletin, 2005, 66, 541-545.	1.4	19
48	Distribution and development of glutamic acid decarboxylase immunoreactivity in the spinal cord of the dogfishScyliorhinus canicula(elasmobranchs). Journal of Comparative Neurology, 2004, 478, 189-206.	0.9	38
49	Development of catecholaminergic systems in the spinal cord of the dogfish Scyliorhinus canicula (Elasmobranchs). Developmental Brain Research, 2003, 142, 141-150.	2.1	18
50	Development of galanin-like immunoreactivity in the brain of the brown trout (Salmo trutta fario), with some observations on sexual dimorphism. Journal of Comparative Neurology, 2003, 465, 263-285.	0.9	28
51	Tyrosine hydroxylase immunoreactive neurons in the forebrain of the trout: organization, cellular features and innervation. Brain Research Bulletin, 2002, 57, 389-392.	1.4	17
52	Organization of cholinergic systems in the brain of different fish groups: a comparative analysis. Brain Research Bulletin, 2002, 57, 331-334.	1.4	36
53	Distribution of tyrosine hydroxylase (TH) and dopamine Î²-hydroxylase (DBH) immunoreactivity in the central nervous system of two chondrostean fishes (Acipenser baeriandHuso huso). Journal of Comparative Neurology, 2002, 448, 280-297.	0.9	42
54	Differential expression of thymosins Î²4 and Î²10 during rat cerebellum postnatal development. Brain Research, 2001, 894, 255-265.	1.1	42

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55	Distribution of choline acetyltransferase immunoreactivity in the brain of an elasmobranch, the lesser spotted dogfish (Scyliorhinus canicula). Journal of Comparative Neurology, 2000, 420, 139-170.	0.9	124
56	Distribution of choline acetyltransferase (ChAT) immunoreactivity in the central nervous system of a chondrostean, the siberian sturgeon (Acipenser baeri). Journal of Comparative Neurology, 2000, 426, 602-621.	0.9	57
57	Distribution of choline acetyltransferase (ChAT) immunoreactivity in the brain of the adult trout and tract-tracing observations on the connections of the nuclei of the isthmus. Journal of Comparative Neurology, 2000, 428, 450-474.	0.9	92
58	Distribution of serotonin (5HT)-immunoreactive structures in the central nervous system of two chondrostean species (Acipenser baeri andHuso huso). , 1999, 407, 333-348.		41
59	Distribution of GABA immunoreactivity in the central and peripheral nervous system of amphioxus (Branchiostoma lanceolatum pallas). Journal of Comparative Neurology, 1998, 401, 293-307.	0.9	35
60	Distribution of GABA immunoreactivity in the central and peripheral nervous system of amphioxus (Branchiostoma lanceolatum pallas). , 1998, 401, 293.		1
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73	Immunocytochemical and electron-microscopic study of the elasmobranch nucleus sacci vasculosi. Cell and Tissue Research, 1992, 270, 395-404.	1.5	17
74	Asymmetric distribution of calbindin-D28K in the ganglia habenulae of an elasmobranch fish. Anatomy and Embryology, 1990, 181, 389-91.	1.5	14
75	Light microscopic and ultrastructural study of the development of the saccus vasculosus in the rainbow trout,Oncorhynchus mykiss. Journal of Morphology, 1990, 206, 79-93.	0.6	12
76	Immunohistochemical Localization of Calbindin-D₂₈_K in the Brain of a Cartilaginous Fish, the Dogfish (<i>Scyliorhinus canicula</i> L.). Cells Tissues Organs, 1990, 137, 293-302.	1.3	30
77	Ultrastructural Study of the Evolution of Globules in Coronet Cells of the Saccus Vasculosus of an Elasmobranch (<i>Scyliorhinus canicula</i> L.), with some Observations on Cerebrospinal Fluidâ€Contacting Neurons. Acta Zoologica, 1988, 69, 217-224.	0.6	11
78	Comparative analysis of several neurochemical markers in the trout developing hypothalamus-hypophysial system, with special attention to the pituitary. Frontiers in Endocrinology, 0, 1, .	1.5	0