

# Carolina Cf Frassoni

## List of Publications by Year in descending order

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86  
papers

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145106

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docs citations

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times ranked

4907  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic expression of NR2F1 and SOX2 in developing and adult human cortex: comparison with cortical malformations. <i>Brain Structure and Function</i> , 2021, 226, 1303-1322.	1.2	11
2	NR2F1 regulates regional progenitor dynamics in the mouse neocortex and cortical gyrification in BBSOAS patients. <i>EMBO Journal</i> , 2020, 39, e104163.	3.5	49
3	Kir4.1 RNA Interference by In Utero Electroporation Fails to Affect Ictogenesis and Reveals a Possible role of Kir4.1 in Corticogenesis. <i>Neuroscience</i> , 2020, 441, 65-76.	1.1	0
4	A two-hit story: Seizures and genetic mutation interaction sets phenotype severity in SCN1A epilepsies. <i>Neurobiology of Disease</i> , 2019, 125, 31-44.	2.1	51
5	Sox2 Acts in Thalamic Neurons to Control the Development of Retina-Thalamus-Cortex Connectivity. <i>IScience</i> , 2019, 15, 257-273.	1.9	29
6	Distribution of superparamagnetic Au/Fe nanoparticles in an isolated guinea pig brain with an intact blood brain barrier. <i>Nanoscale</i> , 2018, 10, 22420-22428.	2.8	10
7	Proliferative cells in the rat developing neocortical grey matter: new insights into gliogenesis. <i>Brain Structure and Function</i> , 2018, 223, 4053-4066.	1.2	6
8	Familial Precocious Fetal Abnormal Cortical Sulcation. <i>Neuropediatrics</i> , 2016, 47, 253-258.	0.3	1
9	Expanding the spectrum of human ganglionic eminence region anomalies on fetal magnetic resonance imaging. <i>Neuroradiology</i> , 2016, 58, 293-300.	1.1	13
10	Increased p<sc>CREB</sc> expression and the spontaneous epileptiform activity in a <sc>BCNU</sc>-treated rat model of cortical dysplasia. <i>Epilepsia</i> , 2015, 56, 1343-1354.	2.6	12
11	In vivo DTI tractography of the rat brain: an atlas of the main tracts in Paxinos space with histological comparison. <i>Magnetic Resonance Imaging</i> , 2015, 33, 296-303.	1.0	27
12	Developmental expression of Kir4.1 in astrocytes and oligodendrocytes of rat somatosensory cortex and hippocampus. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 198-205.	0.7	29
13	7<sc>T MRI</sc> features in control human hippocampus and hippocampal sclerosis: An ex vivo study with histologic correlations. <i>Epilepsia</i> , 2014, 55, 2003-2016.	2.6	76
14	Action Potential Initiation in Neocortical Inhibitory Interneurons. <i>PLoS Biology</i> , 2014, 12, e1001944.	2.6	109
15	Assessment of human hippocampal developmental neuroanatomy by means of ex<sc>vivo 7 T magnetic resonance imaging. <i>International Journal of Developmental Neuroscience</i> , 2014, 34, 33-41.	0.7	7
16	Epileptiform Activity and Cognitive Deficits in SNAP-25+<sc>Mice are Normalized by Antiepileptic Drugs. <i>Cerebral Cortex</i> , 2014, 24, 364-376.	1.6	78
17	Cytoarchitectural, behavioural and neurophysiological dysfunctions in the <sc>BCNU</sc>-treated rat model of cortical dysplasia. <i>European Journal of Neuroscience</i> , 2013, 37, 150-162.	1.2	13
18	Genesis of Heterotopia in BCNU Model of Cortical Dysplasia, Detected by Means of in utero Electroporation. <i>Developmental Neuroscience</i> , 2013, 35, 516-526.	1.0	8

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19	Eps8 controls dendritic spine density and synaptic plasticity through its actin-capping activity. <i>EMBO Journal</i> , 2013, 32, 1730-1744.	3.5	54
20	Bilateral Cavitations of Ganglionic Eminence: A Fetal MR Imaging Sign of Halted Brain Development. <i>American Journal of Neuroradiology</i> , 2013, 34, 1841-1845.	1.2	20
21	A Better Characterization of Spinal Cord Damage in Multiple Sclerosis: A Diffusional Kurtosis Imaging Study. <i>American Journal of Neuroradiology</i> , 2013, 34, 1846-1852.	1.2	64
22	TlaVAMP/VAMP7 is the SNARE of secretory lysosomes contributing to ATP secretion from astrocytes. <i>Biology of the Cell</i> , 2012, 104, 213-228.	0.7	79
23	Development of cortical malformations in BCNU-treated rat, model of cortical dysplasia. <i>Neuroscience</i> , 2011, 175, 380-393.	1.1	20
24	In vivo detection of cortical abnormalities in BCNU-treated rats, model of cortical dysplasia, using manganese-enhanced magnetic resonance imaging. <i>Neuroscience</i> , 2011, 192, 564-571.	1.1	8
25	Differential Signature of the Centrosomal MARK4 Isoforms in Glioma. <i>Analytical Cellular Pathology</i> , 2011, 34, 319-338.	0.7	23
26	Aquaporin 4 expression in control and epileptic human cerebral cortex. <i>Brain Research</i> , 2011, 1367, 330-339.	1.1	51
27	Expression of connexin 43 in the human epileptic and drug-resistant cerebral cortex. <i>Neurology</i> , 2011, 76, 895-902.	1.5	48
28	Tractographic reconstruction protocol optimization in the rat brain in-vivo: Towards a normal atlas. , 2011, 2011, 8467-70.		3
29	Differential signature of the centrosomal MARK4 isoforms in glioma. <i>Analytical Cellular Pathology</i> , 2011, 34, 319-38.	0.7	13
30	Layer-specific genes reveal a rudimentary laminar pattern in human nodular heterotopia. <i>Neurology</i> , 2009, 73, 746-753.	1.5	34
31	Joubert syndrome with bilateral polymicrogyria: Clinical and neuropathological findings in two brothers. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 1511-1515.	0.7	22
32	The synaptic split of SNAP-25: Different roles in glutamatergic and GABAergic neurons?. <i>Neuroscience</i> , 2009, 158, 223-230.	1.1	33
33	Expression of layer-specific markers in the adult neocortex of BCNU-Treated rat, a model of cortical dysplasia. <i>Neuroscience</i> , 2009, 159, 682-691.	1.1	26
34	Immunotherapy responsive startle with antibodies to voltage gated potassium channels. <i>BMJ Case Reports</i> , 2009, 2009, bcr0920080988-bcr0920080988.	0.2	3
35	Heterogeneous expression of SNAP-25 in rat and human brain. <i>Journal of Comparative Neurology</i> , 2008, 506, 373-386.	0.9	50
36	Altered spatial distribution of PV-cortical cells and dysmorphic neurons in the somatosensory cortex of BCNU-treated rat model of cortical dysplasia. <i>Epilepsia</i> , 2008, 49, 872-887.	2.6	30

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37	Arterially Perfused Neurosphere-Derived Cells Distribute Outside the Ischemic Core in a Model of Transient Focal Ischemia and Reperfusion In Vitro. <i>PLoS ONE</i> , 2008, 3, e2754.	1.1	20
38	Immunotherapy responsive startle with antibodies to voltage gated potassium channels. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1281-1290.	0.9	9
39	PSA-NCAM in the developing and mature thalamus. <i>Brain Research Bulletin</i> , 2007, 71, 578-586.	1.4	10
40	GABA immunoreactivity in the developing rat thalamus and Otx2 homeoprotein expression in migrating neurons. <i>Brain Research Bulletin</i> , 2007, 73, 64-74.	1.4	7
41	Normanâ€“Roberts syndrome: characterization of the phenotype in early fetal life. <i>Prenatal Diagnosis</i> , 2007, 27, 568-572.	1.1	8
42	Expression of Adhesion Factors Induced by Epileptiform Activity in the Endothelium of the Isolated Guinea Pig Brain In Vitro. <i>Epilepsia</i> , 2007, 48, 743-751.	2.6	69
43	A pathogenetic hypothesis of Unverrichtâ€“Lundborg disease onset and progression. <i>Neurobiology of Disease</i> , 2007, 25, 675-685.	2.1	45
44	Increased Ethanol Resistance and Consumption in Eps8 Knockout Mice Correlates with Altered Actin Dynamics. <i>Cell</i> , 2006, 127, 213-226.	13.5	120
45	Entering neurons: botulinum toxins and synaptic vesicle recycling. <i>EMBO Reports</i> , 2006, 7, 995-999.	2.0	87
46	Expression studies in gliomas and glial cells do not support a tumor suppressor role for LGI11. <i>Neuro-Oncology</i> , 2006, 8, 96-108.	0.6	23
47	Neocortical and Hippocampal Changes after Multiple Pilocarpine-induced Status Epilepticus in Rats. <i>Epilepsia</i> , 2005, 46, 636-642.	2.6	23
48	Members of the NF- $\kappa$ B family expressed in zones of active neurogenesis in the postnatal and adult mouse brain. <i>Developmental Brain Research</i> , 2005, 154, 81-89.	2.1	55
49	Sequential antibodies to potassium channels and glutamic acid decarboxylase in neuromyotonia. <i>Neurology</i> , 2005, 64, 1290-1293.	1.5	30
50	Analysis of SNAP-25 immunoreactivity in hippocampal inhibitory neurons during development in culture and in situ. <i>Neuroscience</i> , 2005, 131, 813-823.	1.1	62
51	SNAP-25 Modulation of Calcium Dynamics Underlies Differences in GABAergic and Glutamatergic Responsiveness to Depolarization. <i>Neuron</i> , 2004, 41, 599-610.	3.8	192
52	Substrates and routes of migration of early generated neurons in the developing rat thalamus. <i>European Journal of Neuroscience</i> , 2003, 18, 323-332.	1.2	19
53	Chapter 22 The surface of the developing cerebral cortex; still special cells one century later. <i>Progress in Brain Research</i> , 2002, 136, 281-291.	0.9	16
54	Morphological organization of somatosensory cortex in Otx1 $\alpha^{-/-}$ mice. <i>Neuroscience</i> , 2002, 115, 657-667.	1.1	17

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55	Chronic Blockade of Glutamate Receptors Enhances Presynaptic Release and Downregulates the Interaction between Synaptophysin-Synaptobrevin/Vesicle-Associated Membrane Protein 2. <i>Journal of Neuroscience</i> , 2001, 21, 6588-6596.	1.7	110
56	Cajal-Retzius cell density as marker of type of focal cortical dysplasia. <i>NeuroReport</i> , 2001, 12, 2767-2771.	0.6	29
57	Parvalbumin and GABA in the developing somatosensory thalamus of the rat: an immunocytochemical ultrastructural correlation. <i>Anatomy and Embryology</i> , 2001, 203, 109-119.	1.5	24
58	Expression of KIF3C kinesin during neural development and in vitro neuronal differentiation. <i>Journal of Neurochemistry</i> , 2001, 77, 741-753.	2.1	23
59	Potentially epileptogenic dysfunction of cortical NMDA- and GABA-mediated neurotransmission in Otx1-/-mice. <i>European Journal of Neuroscience</i> , 2001, 14, 1065-1074.	1.2	12
60	Labeling of rat neurons by anti-GluR3 IgG from patients with Rasmussen encephalitis. <i>Neurology</i> , 2001, 57, 324-327.	1.5	25
61	Organization of radial and non-radial glia in the developing rat thalamus. <i>Journal of Comparative Neurology</i> , 2000, 428, 527-542.	0.9	22
62	Synaptic Properties of Neocortical Neurons in Epileptic Mice Lacking the Otx1 Gene. <i>Epilepsia</i> , 2000, 41, S200-S205.	2.6	13
63	Distribution of GABAB receptor protein in somatosensory cortex and thalamus of adult rats and during postnatal development. <i>Brain Research Bulletin</i> , 2000, 52, 397-405.	1.4	31
64	Development of layer I of the human cerebral cortex after midgestation: Architectonic findings, immunocytochemical identification of neurons and glia, and in situ labeling of apoptotic cells. <i>Journal of Comparative Neurology</i> , 1999, 410, 126-142.	0.9	45
65	Prenatal Methylazoxymethanol Treatment in Rats Produces Brain Abnormalities with Morphological Similarities to Human Developmental Brain Dysgeneses. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999, 58, 92-106.	0.9	104
66	Immunocytochemical and ultrastructural study of the rat perireticular thalamic nucleus during postnatal development. <i>Journal of Comparative Neurology</i> , 1998, 392, 390-401.	0.9	16
67	Calcium-binding protein immunoreactivity in the piriform cortex of the guinea-pig: Selective staining of subsets of non-gabaergic neurons by calretinin. <i>Neuroscience</i> , 1998, 83, 229-237.	1.1	24
68	Calretinin immunoreactivity in the developing thalamus of the rat: a marker of early generated thalamic cells. <i>Neuroscience</i> , 1998, 83, 1203-1214.	1.1	38
69	Postnatal development of GABA-immunoreactive terminals in the reticular and ventrobasal nuclei of the rat thalamus: A light and electron microscopic study. <i>Neuroscience</i> , 1997, 76, 503-515.	1.1	26
70	GABAergic Neurons in Mammalian Thalamus: A Marker of Thalamic Complexity?. <i>Brain Research Bulletin</i> , 1997, 42, 27-37.	1.4	251
71	Glutamate, aspartate and co-localization with calbindin in the medial thalamus An immunohistochemical study in the rat. <i>Experimental Brain Research</i> , 1997, 115, 95-104.	0.7	50
72	Ultrastructural characterization of the postnatal development of the thalamic ventrobasal and reticular nuclei in the rat. <i>Anatomy and Embryology</i> , 1996, 193, 341-53.	1.5	11

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73	In situ labeling of apoptotic cell death in the cerebral cortex and thalamus of rats during development. <i>Journal of Comparative Neurology</i> , 1995, 363, 281-295.	0.9	155
74	Branching pattern of corticothalamic projections from the somatosensory cortex during postnatal development in the rat. <i>Developmental Brain Research</i> , 1995, 90, 111-121.	2.1	14
75	Distribution of AMPA selective glutamate receptors in the thalamus of adult rats and during postnatal development. A light and ultrastructural immunocytochemical study. <i>Developmental Brain Research</i> , 1994, 82, 231-244.	2.1	58
76	GABAergic interneurons in the somatosensory thalamus of the guinea-pig: A light and ultrastructural immunocytochemical investigation. <i>Neuroscience</i> , 1994, 59, 961-973.	1.1	37
77	Distribution of calbindin and parvalbumin in the developing somatosensory cortex and its primordium in the rat: an immunocytochemical study. <i>Journal of Neurocytology</i> , 1992, 21, 717-736.	1.6	80
78	Postnatal development of calbindin and parvalbumin immunoreactivity in the thalamus of the rat. <i>Developmental Brain Research</i> , 1991, 58, 243-249.	2.1	80
79	The reticular thalamic nucleus (RTN) of the rat: Cytoarchitectural, Golgi, immunocytochemical, and horseradish peroxidase study. <i>Journal of Comparative Neurology</i> , 1991, 304, 478-490.	0.9	134
80	A comparison of GAD- and GABA-immunoreactive neurons in the first somatosensory area (SI) of the rat cortex. <i>Brain Research</i> , 1988, 474, 192-196.	1.1	27
81	Electrophysiological characteristics of morphologically identified reticular thalamic neurons from rat slices. <i>Neuroscience</i> , 1988, 27, 629-638.	1.1	105
82	The Intrinsic Organization of the Ventroposterolateral Nucleus and Related Reticular Thalamic Nucleus of the Rat: A Double-Labeling Ultrastructural Investigation with $^3\text{H}$ -Aminobutyric Acid Immunogold Staining and Lectin-Conjugated Horseradish Peroxidase. <i>Somatosensory &amp; Motor Research</i> , 1988, 5, 187-203.	2.2	68
83	GABA immunoreactivity in the thalamic reticular nucleus of the rat. A light and electron microscopical study. <i>Brain Research</i> , 1986, 399, 143-147.	1.1	130
84	GABAergic neurons are present in the dorsal column nuclei but not in the ventroposterior complex of rats. <i>Brain Research</i> , 1986, 382, 305-326.	1.1	217
85	Glutamic acid decarboxylase (GAD)-like immunoreactivity in the pedal ganglion of <i>Mytilus galloprovincialis</i> . <i>Cell and Tissue Research</i> , 1986, 244, 591-593.	1.5	4
86	Transneuronal Transport of Wheatgerm Agglutinin Conjugated with Horseradish Peroxidase in the Somatosensory System of the Rat: A Light- and Electron-Microscopic Study. <i>Somatosensory &amp; Motor Research</i> , 1985, 3, 119-137.	2.2	11