

Nicolas L Chiaia

List of Publications by Year in descending order

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40
papers

1,376
citations

361413

20
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic-Stress-Induced Behavioral Changes Associated with Subregion-Selective Serotonin Cell Death in the Dorsal Raphe. <i>Journal of Neuroscience</i> , 2017, 37, 6214-6223.	3.6	36
2	Differential expression of acetylcholinesterase in the brainstem, ventrobasal thalamus and primary somatosensory cortex of perinatal rats, mice, and hamsters. <i>Somatosensory & Motor Research</i> , 1999, 16, 269-279.	0.9	13
3	Augmentation of serotonin in the developing superior colliculus alters the normal development of the uncrossed retinotectal projection. <i>Journal of Comparative Neurology</i> , 1998, 393, 84-92.	1.6	21
4	Effect of activity blockade on changes in vibrissae-related patterns in the rat's primary somatosensory cortex induced by serotonin depletion. <i>Journal of Comparative Neurology</i> , 1998, 402, 276-283.	1.6	20
5	Effect of activity blockade on changes in vibrissae-related patterns in the rat's primary somatosensory cortex induced by serotonin depletion. <i>Journal of Comparative Neurology</i> , 1998, 402, 276-283.	1.6	1
6	Long-term effects of neonatal axoplasmic transport attenuation on the organization of the rat's trigeminal system. <i>Journal of Comparative Neurology</i> , 1997, 381, 219-229.	1.6	7
7	Sensitive period for lesion-induced reorganization of intracortical projections within the vibrissae representation of rat's primary somatosensory cortex. , 1997, 389, 185-192.		23
8	Differential Effects of Peripheral Manipulations on Vibrissae-Related Patterns in the Trigeminal Brainstem. <i>Somatosensory & Motor Research</i> , 1996, 13, 81-93.	0.9	8
9	Development and plasticity of local intracortical projections within the vibrissae representation of the rat primary somatosensory cortex. , 1996, 370, 524-535.		25
10	Synaptic organization of damaged infraorbital nerve axons in perinatal rats: demonstration by galanin immunocytochemistry. <i>Experimental Brain Research</i> , 1996, 110, 47-54.	1.5	1
11	Effect of Neonatal Axoplasmic Transport Attenuation in the Infraorbital Nerve on Vibrissae-related Patterns in the Rat's Brainstem, Thalamus and Cortex. <i>European Journal of Neuroscience</i> , 1996, 8, 1601-1612.	2.6	22
12	Development of Trigeminal Nucleus Principalis in the Rat: Effects of Target Removal at Birth. <i>European Journal of Neuroscience</i> , 1996, 8, 1641-1657.	2.6	13
13	Birth dates and survival after axotomy of neurochemically defined subsets of trigeminal ganglion cells. <i>Journal of Comparative Neurology</i> , 1995, 352, 308-320.	1.6	9
14	Patterning of local intracortical projections within the vibrissae representation of rat primary somatosensory cortex. <i>Journal of Comparative Neurology</i> , 1995, 354, 551-563.	1.6	104
15	Long-Term Age-Related Consequences of Forelimb Damage upon Expression of Primary Afferent Phenotypes in the Cervical Dorsal Horn. <i>Somatosensory & Motor Research</i> , 1995, 12, 199-208.	0.9	0
16	Effects of Postnatal Blockade of Cortical Activity with Tetrodotoxin upon the Development and Plasticity of Vibrissa-Related Patterns in the Somatosensory Cortex of Hamsters. <i>Somatosensory & Motor Research</i> , 1994, 11, 219-228.	0.9	26
17	Evidence for prenatal competition among the central arbors of trigeminal primary afferent neurons: Single axon analysis. <i>Journal of Comparative Neurology</i> , 1994, 345, 303-313.	1.6	9
18	Patterning of the neocortical projections from the raphe nuclei in perinatal rats: Investigation of potential organizational mechanisms. <i>Journal of Comparative Neurology</i> , 1994, 348, 277-290.	1.6	28

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19	Evidence for survival of the central arbors of trigeminal primary afferents after peripheral neonatal axotomy: Experiments with galanin immunocytochemistry and Di-I labelling. <i>Journal of Comparative Neurology</i> , 1994, 350, 397-411.	1.6	20
20	Alterations in Brainstem and Cortical Organization of Rats Sustaining Prenatal Vibrissa Follicle Lesions. <i>Somatosensory & Motor Research</i> , 1994, 11, 1-17.	0.9	8
21	Selective sparing of later-born ganglion cells after neonatal transection of the infraorbital nerve. <i>Journal of Comparative Neurology</i> , 1993, 331, 236-244.	1.6	5
22	Lesion-induced changes in the central terminal distribution of galanin-immunoreactive axons in the dorsal column nuclei. <i>Journal of Comparative Neurology</i> , 1993, 332, 378-389.	1.6	13
23	Parvalbumin and calbindin immunocytochemistry reveal functionally distinct cell groups and vibrissa-related patterns in the trigeminal brainstem complex of the adult rat. <i>Journal of Comparative Neurology</i> , 1992, 320, 323-338.	1.6	73
24	Normal development and effects of neonatal infraorbital nerve damage upon the innervation of the trigeminal brainstem complex by primary afferent fibers containing calcitonin gene-related peptide. <i>Journal of Comparative Neurology</i> , 1992, 324, 282-294.	1.6	19
25	Cholecystokinin concentrations and peptide immunoreactivity in the intact and deafferented medullary dorsal horn of the rat. <i>Journal of Comparative Neurology</i> , 1992, 326, 22-43.	1.6	13
26	Effects of neonatal transection of the infraorbital nerve upon the structural and functional organization of the ventral posteromedial nucleus in the rat. <i>Journal of Comparative Neurology</i> , 1992, 326, 561-579.	1.6	12
27	Effects of cortical and thalamic lesions upon primary afferent terminations, distributions of projection neurons, and the cytochrome oxidase pattern in the trigeminal brainstem complex. <i>Journal of Comparative Neurology</i> , 1991, 303, 600-616.	1.6	40
28	Birthdates of trigeminal ganglion cells contributing axons to the infraorbital nerve and specific vibrissal follicles in the rat. <i>Journal of Comparative Neurology</i> , 1991, 307, 163-175.	1.6	31
29	Thalamic processing of vibrissal information in the rat. I. Afferent input to the medial ventral posterior and posterior nuclei. <i>Journal of Comparative Neurology</i> , 1991, 314, 201-216.	1.6	117
30	Thalamic processing of vibrissal information in the rat: II. Morphological and functional properties of medial ventral posterior nucleus and posterior nucleus neurons. <i>Journal of Comparative Neurology</i> , 1991, 314, 217-236.	1.6	94
31	Organization and actions of the noradrenergic input to the hamster's superior colliculus. <i>Journal of Comparative Neurology</i> , 1990, 292, 214-230.	1.6	28
32	Development and lesion induced reorganization of the cortical representation of the rat's body surface as revealed by immunocytochemistry for serotonin. <i>Journal of Comparative Neurology</i> , 1990, 293, 190-207.	1.6	135
33	Development and plasticity of the serotonergic projection to the Hamster's superior colliculus. <i>Journal of Comparative Neurology</i> , 1990, 299, 151-166.	1.6	46
34	Neonatal infraorbital nerve transection in the rat: Comparison of effects on substance P immunoreactive primary afferents and those recognized by the lectin <i>Bandeiraea simplicifolia</i> -I. <i>Journal of Comparative Neurology</i> , 1990, 300, 249-262.	1.6	31
35	Topographic Organization of the Peripheral Projections of the Trigeminal Ganglion in the Fetal Rat. <i>Somatosensory & Motor Research</i> , 1990, 7, 67-84.	0.9	20
36	Trigeminal Projections to Contralateral Dorsal Horn: Central Extent, Peripheral Origins, and Plasticity. <i>Somatosensory & Motor Research</i> , 1990, 7, 153-183.	0.9	87

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37	Intersubnuclear Connections within the Rat Trigeminal Brainstem Complex. Somatosensory & Motor Research, 1990, 7, 399-420.	0.9	123
38	Structure-Function relationships in the rat brainstem subnucleus interpolaris: VI. Cervical convergence in cells deafferented at birth and a potential primary afferent substrate. Journal of Comparative Neurology, 1989, 283, 513-525.	1.6	13
39	Effect of fetal infraorbital nerve transection upon trigeminal primary afferent projections in the rat. Journal of Comparative Neurology, 1989, 287, 82-97.	1.6	30
40	Organization of the projections from the trigeminal brainstem complex to the superior colliculus in the rat and hamster: Anterograde tracing withPhaseolus vulgaris leucoagglutinin and intra-axonal injection. Journal of Comparative Neurology, 1989, 289, 641-656.	1.6	52