

Ronald W Oppenheim

List of Publications by Year in descending order

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42
papers

3,397
citations

218381

26
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing motor neurons rescued from programmed and axotomy-induced cell death by GDNF. <i>Nature</i> , 1995, 373, 344-346.	13.7	665
2	Brain-derived neurotrophic factor rescues developing avian motoneurons from cell death. <i>Nature</i> , 1992, 360, 755-757.	13.7	461
3	Programmed Cell Death in the Developing Nervous System. <i>Brain Pathology</i> , 1996, 6, 427-446.	2.1	235
4	Insulin-like growth factors: Putative muscle-derived trophic agents that promote motoneuron survival. <i>Journal of Neurobiology</i> , 1993, 24, 1578-1588.	3.7	226
5	Programmed Cell Death of Adult-Generated Hippocampal Neurons Is Mediated by the Proapoptotic Gene Bax. <i>Journal of Neuroscience</i> , 2004, 24, 11205-11213.	1.7	171
6	The absence of significant postnatal motoneuron death in the brachial and lumbar spinal cord of the rat. <i>Journal of Comparative Neurology</i> , 1986, 246, 281-286.	0.9	169
7	Reduction of endogenous transforming growth factors β^2 prevents ontogenetic neuron death. <i>Nature Neuroscience</i> , 2000, 3, 1085-1090.	7.1	139
8	Programmed cell death during the earliest stages of spinal cord development in the chick embryo: A possible means of early phenotypic selection. <i>Journal of Comparative Neurology</i> , 1994, 345, 377-395.	0.9	119
9	The onset and development of descending pathways to the spinal cord in the chick embryo. <i>Journal of Comparative Neurology</i> , 1985, 232, 143-161.	0.9	114
10	Biological studies of a putative avian muscle-derived neurotrophic factor that prevents naturally occurring motoneuron death <i>in vivo</i> . <i>Journal of Neurobiology</i> , 1993, 24, 1065-1079.	3.7	107
11	Immunolocalization studies of putative guidance molecules used by axons and growth cones of intersegmental interneurons in the chick embryo spinal cord. <i>Journal of Comparative Neurology</i> , 1991, 310, 234-252.	0.9	86
12	Pathfinding by growth cones of commissural interneurons in the chick embryo spinal cord: A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1991, 304, 78-102.	0.9	85
13	Onset and development of intersegmental projections in the chick embryo spinal cord. <i>Journal of Comparative Neurology</i> , 1988, 275, 159-180.	0.9	81
14	Regulation of spinal motoneuron survival by GDNF during development and following injury. <i>Cell and Tissue Research</i> , 1996, 286, 219-223.	1.5	62
15	The sympathetic nervous system regulates skeletal muscle motor innervation and acetylcholine receptor stability. <i>Acta Physiologica</i> , 2019, 225, e13195.	1.8	61
16	Mechanisms of insulin-like growth factor regulation of programmed cell death of developing avian motoneurons. <i>Journal of Neurobiology</i> , 1998, 36, 379-394.	3.7	50
17	Neurotrophic factor regulation of developing avian oculomotor neurons: Differential effects of BDNF and GDNF. <i>Journal of Neurobiology</i> , 1999, 41, 295-315.	3.7	50
18	The concept of uptake and retrograde transport of neurotrophic molecules during development: History and present status. <i>Neurochemical Research</i> , 1996, 21, 769-777.	1.6	45

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19	Development and survival of thoracic motoneurons and hindlimb musculature following transplantation of the thoracic neural tube to the lumbar region in the chick embryo: Anatomical aspects. <i>Journal of Neurobiology</i> , 1990, 21, 313-340.	3.7	43
20	The maintenance of specific aspects of neuronal function and behavior is dependent on programmed cell death of adult-generated neurons in the dentate gyrus. <i>European Journal of Neuroscience</i> , 2009, 29, 1408-1421.	1.2	40
21	Neuronal death, a tradition of dying. <i>Journal of Neurobiology</i> , 1992, 23, 1111-1115.	3.7	38
22	Developing Postmitotic Mammalian Neurons <i>In Vivo</i> Lacking Apaf-1 Undergo Programmed Cell Death by a Caspase-Independent, Nonapoptotic Pathway Involving Autophagy. <i>Journal of Neuroscience</i> , 2008, 28, 1490-1497.	1.7	37
23	Effects of excitatory amino acids on neuromuscular development in the chick embryo. , 1997, 387, 73-95.		36
24	Novel sources of descending input to the spinal cord of the hatchling chick. <i>Journal of Comparative Neurology</i> , 1985, 232, 162-179.	0.9	35
25	Development and survival of thoracic motoneurons and hindlimb musculature following transplantation of the thoracic neural tube to the lumbar region in the chick embryo: Functional aspects. <i>Journal of Neurobiology</i> , 1990, 21, 341-355.	3.7	32
26	Axonal projections and synaptogenesis by supraspinal descending neurons in the spinal cord of the chick embryo. <i>Journal of Comparative Neurology</i> , 1991, 305, 83-95.	0.9	30
27	Characterization of the execution pathway of developing motoneurons deprived of trophic support. <i>Journal of Neurobiology</i> , 2001, 46, 249-264.	3.7	30
28	Adult Hippocampal Neurogenesis in Mammals (and Humans): The Death of a Central Dogma in Neuroscience and its Replacement by a New Dogma. <i>Developmental Neurobiology</i> , 2019, 79, 268-280.	1.5	28
29	Neuromuscular development in the avian paralytic mutant crooked neck dwarf (cn/cn): further evidence for the role of neuromuscular activity in motoneuron survival. , 1997, 381, 353-372.		24
30	Modifications of motoneuron development following transplantation of thoracic spinal cord to the lumbar region in the chick embryo: Evidence for target-derived signals that regulate differentiation. <i>Journal of Neurobiology</i> , 1992, 23, 376-395.	3.7	17
31	The rescue of developing avian motoneurons from programmed cell death by a selective inhibitor of the fetal muscle-specific nicotinic acetylcholine receptor. <i>Developmental Neurobiology</i> , 2008, 68, 972-980.	1.5	15
32	Differential expression of neuron-glia cell adhesion molecule (Ng-CAM) on developing axons and growth cones of interneurons in the chick embryo spinal cord: An immunoelectron microscopic study. <i>Journal of Comparative Neurology</i> , 1993, 329, 512-518.	0.9	12
33	Pathways in the emergence of developmental neuroethology: Antecedents to current views of neurobehavioral ontogeny. <i>Journal of Neurobiology</i> , 1992, 23, 1370-1403.	3.7	11
34	Muscle Activity and Motor Neuron Death in the Spinal Cord of the Chick Embryo. <i>Novartis Foundation Symposium</i> , 1987, 126, 96-112.	1.2	10
35	Neurovascular unit pathology is observed very early in disease progression in the mutant SOD1G93A mouse model of amyotrophic lateral sclerosis. <i>Experimental Neurology</i> , 2022, 353, 114084.	2.0	10
36	Cyclic GMP and neurone death. <i>Nature</i> , 1985, 313, 248-248.	13.7	6

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37	Close spatial-temporal relationship between Islet-1-expressing cells and growing primary afferent axons in the dorsal spinal cord of chick embryo. <i>Journal of Comparative Neurology</i> , 1999, 405, 388-393.	0.9	6
38	Neuronal death and rescue: neurotrophic factors and anti-apoptotic mechanisms. , 2006, , 271-292.		4
39	Expression of Apogens and Engulfens during Programmed Cell Death in the Nervous System of the Chick Embryo.. <i>Archives of Histology and Cytology</i> , 1995, 58, 243-248.	0.2	2
40	Stepping stone to death. <i>Nature Neuroscience</i> , 2001, 4, 1053-1054.	7.1	2
41	Viktor Hamburger (1900â€“2001). <i>Nature</i> , 2001, 412, 496-496.	13.7	2
42	Neurotrophic factor regulation of developing avian oculomotor neurons: Differential effects of BDNF and GDNF. , 1999, 41, 295.		1