

# Kevin A Roth

## List of Publications by Year in descending order

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222  
papers

25,708  
citations

12303

69  
h-index

6454

157  
g-index

225  
all docs

225  
docs citations

225  
times ranked

31779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-deployable, rapid diagnostic testing of saliva for SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 5448.	1.6	33
2	Establishment and genomic characterization of a sporadic malignant peripheral nerve sheath tumor cell line. <i>Scientific Reports</i> , 2021, 11, 5690.	1.6	9
3	RAB38 Facilitates Energy Metabolism and Counteracts Cell Death in Glioblastoma Cells. <i>Cells</i> , 2021, 10, 1643.	1.8	2
4	Pineal Region High-Grade Glioneuronal Tumor With a Novel ZBTB10-NTRK3 Fusion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 929-931.	0.9	1
5	Clinical Utilization, Utility, and Reimbursement for Expanded Genomic Panel Testing in Adult Oncology. <i>JCO Precision Oncology</i> , 2020, 4, 1038-1048.	1.5	16
6	Diffuse midline glioma with novel, potentially targetable, <i>FGFR2</i> – <i>VPS35</i> fusion. <i>Journal of Physical Education and Sports Management</i> , 2020, 6, a005660.	0.5	5
7	ErbB4 promotes malignant peripheral nerve sheath tumor pathogenesis via Ras-independent mechanisms. <i>Cell Communication and Signaling</i> , 2019, 17, 74.	2.7	16
8	Usp9X Regulates Cell Death in Malignant Peripheral Nerve Sheath Tumors. <i>Scientific Reports</i> , 2018, 8, 17390.	1.6	19
9	The American Journal of Pathology, Value Beyond Simple Metrics. <i>American Journal of Pathology</i> , 2017, 187, 2-3.	1.9	0
10	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. <i>Cancer Research</i> , 2017, 77, 3513-3526.	0.4	56
11	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. <i>Nature Communications</i> , 2017, 8, 1067.	5.8	91
12	BH3 mimetics suppress CXCL12 expression in human malignant peripheral nerve sheath tumor cells. <i>Oncotarget</i> , 2017, 8, 8670-8678.	0.8	4
13	Implementation and utilization of the molecular tumor board to guide precision medicine. <i>Oncotarget</i> , 2017, 8, 57845-57854.	0.8	67
14	Tamoxifen Induces Cytotoxic Autophagy in Glioblastoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 946-954.	0.9	31
15	Understanding Lung Development, Injury, and Repair. <i>American Journal of Pathology</i> , 2016, 186, 2518.	1.9	0
16	The More Things Change. <i>American Journal of Pathology</i> , 2016, 186, 2-3.	1.9	0
17	Advances in Experimental Neuropathology. <i>American Journal of Pathology</i> , 2016, 186, 462-463.	1.9	0
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701

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19	Coming into Focus. American Journal of Pathology, 2015, 185, 600-601.	1.9	10
20	Science Isn't Science If It Isn't Reproducible. American Journal of Pathology, 2015, 185, 2-3.	1.9	7
21	Aging and energeticsâ€™™ â€™™Top 40â€™™™ future research opportunities 2010-2013. F1000Research, 2014, 3, 219. 0.8		17
22	Combinatorial Therapy With Tamoxifen and Trifluoperazine Effectively Inhibits Malignant Peripheral Nerve Sheath Tumor Growth by Targeting Complementary Signaling Cascades. Journal of Neuropathology and Experimental Neurology, 2014, 73, 1078-1090.	0.9	24
23	Neuregulin-1 overexpression and Trp53 haploinsufficiency cooperatively promote de novo malignant peripheral nerve sheath tumor pathogenesis. Acta Neuropathologica, 2014, 127, 573-591.	3.9	19
24	Rebooted. American Journal of Pathology, 2014, 184, 2-3.	1.9	0
25	BNIP3 Regulates AT101 [(-)-Gossypol] Induced Death in Malignant Peripheral Nerve Sheath Tumor Cells. PLoS ONE, 2014, 9, e96733.	1.1	11
26	Transgenic Mice Overexpressing Neuregulin-1 Model Neurofibroma-Malignant Peripheral Nerve Sheath Tumor Progression and Implicate Specific Chromosomal Copy Number Variations in Tumorigenesis. American Journal of Pathology, 2013, 182, 646-667.	1.9	26
27	The American Journal of Pathology Centennial Project. American Journal of Pathology, 2013, 182, 1050-1051.	1.9	2
28	A New Path (and Editor) for AJP. American Journal of Pathology, 2013, 182, 3-4.	1.9	1
29	Malignant Peripheral Nerve Sheath Tumor Invasion Requires Aberrantly Expressed EGF Receptors and Is Variably Enhanced by Multiple EGF Family Ligands. Journal of Neuropathology and Experimental Neurology, 2013, 72, 219-233.	0.9	12
30	4-Hydroxytamoxifen Induces Autophagic Death through K-Ras Degradation. Cancer Research, 2013, 73, 4395-4405.	0.4	60
31	Protector turns predator. Autophagy, 2013, 9, 1438-1439.	4.3	5
32	BNIP3 regulates AT101 induced cytotoxicity in MPNST cells. FASEB Journal, 2013, 27, 380.3.	0.2	0
33	The pan erbB inhibitor PD168393 enhances lysosomal dysfunction-induced apoptotic death in malignant peripheral nerve sheath tumor cells. Neuro-Oncology, 2012, 14, 266-277.	0.6	8
34	Rotenone Inhibits Autophagic Flux Prior to Inducing Cell Death. ACS Chemical Neuroscience, 2012, 3, 1063-1072.	1.7	91
35	The American Journal of Pathology Centennial Project. American Journal of Pathology, 2012, 180, 1337-1339.	1.9	6
36	Neural Stem Cell Death Regulation in Nervous System Development and Disease. , 2012, , 173-200.		1

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37	Autophagy in Brain Tumors: A New Target for Therapeutic Intervention. <i>Brain Pathology</i> , 2012, 22, 89-98.	2.1	87
38	CHOP Potentially Co-Operates with FOXO3a in Neuronal Cells to Regulate PUMA and BIM Expression in Response to ER Stress. <i>PLoS ONE</i> , 2012, 7, e39586.	1.1	180
39	Deficiency of Pro-apoptotic Hrk Attenuates Programmed Cell Death in the Developing Murine Nervous System but Does Not Affect Bcl-x Deficiency-Induced Neuron Apoptosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 976-983.	1.3	14
40	Low-dose bafilomycin attenuates neuronal cell death associated with autophagy-lysosome pathway dysfunction. <i>Journal of Neurochemistry</i> , 2010, 114, 1193-1204.	2.1	57
41	Cytoplasmic p53 and Activated Bax Regulate p53-dependent, Transcription-independent Neural Precursor Cell Apoptosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 265-275.	1.3	50
42	Chloroquine-induced autophagic vacuole accumulation and cell death in glioma cells is p53 independent. <i>Neuro-Oncology</i> , 2010, 12, 473-81.	0.6	148
43	Lysosome Dysfunction Triggers Atg7-dependent Neural Apoptosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 10497-10507.	1.6	78
44	Autophagy. <i>American Journal of Pathology</i> , 2010, 176, 1065-1071.	1.9	14
45	A Highly Toxic Cellular Prion Protein Induces a Novel, Nonapoptotic Form of Neuronal Death. <i>American Journal of Pathology</i> , 2010, 176, 2695-2706.	1.9	18
46	Transgenic rescue of ataxia mice reveals a male-specific sterility defect. <i>Developmental Biology</i> , 2009, 325, 33-42.	0.9	37
47	Oxidative Stress and Autophagy in the Regulation of Lysosome-Dependent Neuron Death. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 481-496.	2.5	106
48	The Proapoptotic BH3-Only, Bcl-2 Family Member, Puma Is Critical for Acute Ethanol-Induced Neuronal Apoptosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 747-756.	0.9	32
49	bcl-2/Adenovirus E1B 19-kd Interacting Protein 3 (BNIP3) Regulates Hypoxia-Induced Neural Precursor Cell Death. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 1326-1338.	0.9	32
50	Differential activation of c-fos and caspase-3 in hippocampal neuron subpopulations following neonatal hypoxia-ischemia. <i>Journal of Neuroscience Research</i> , 2008, 86, 1115-1124.	1.3	24
51	Involvement of subtype 1 metabotropic glutamate receptors in apoptosis and caspase-7 over-expression in spinal cord of neuropathic rats. <i>Pharmacological Research</i> , 2008, 57, 223-233.	3.1	24
52	Lysosomal enzyme cathepsin D protects against alpha-synuclein aggregation and toxicity. <i>Molecular Brain</i> , 2008, 1, 17.	1.3	212
53	Localization of electrogenic Na/bicarbonate cotransporter NBCe1 variants in rat brain. <i>Neuroscience</i> , 2008, 155, 818-832.	1.1	51
54	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

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55	Our Journal, Our History, Our Cytophilia. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 1-2.	1.3	2
56	Loss of BH3-only Protein Bim Inhibits Apoptosis of Hemopoietic Cells in the Fetal Liver and Male Germ Cells but Not Neuronal Cells in Bcl-x-deficient Mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 921-927.	1.3	23
57	Acute neonatal glucocorticoid exposure produces selective and rapid cerebellar neural progenitor cell apoptotic death. <i>Cell Death and Differentiation</i> , 2008, 15, 1582-1592.	5.0	102
58	The autophagy-lysosomal degradation pathway: role in neurodegenerative disease and therapy. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 718.	3.0	116
59	Lysosomal Dysfunction Promotes Autophagic Stress and NPC Death. <i>FASEB Journal</i> , 2008, 22, 1121.10.	0.2	0
60	Immunohistochemical Detection With Quantum Dots. , 2007, 374, 11-28.		12
61	Neural Precursor Cells Are Protected from Apoptosis Induced by Trophic Factor Withdrawal or Genotoxic Stress by Inhibitors of Glycogen Synthase Kinase 3. <i>Journal of Biological Chemistry</i> , 2007, 282, 22856-22864.	1.6	50
62	N-Terminally Deleted Forms of the Prion Protein Activate Both Bax-Dependent and Bax-Independent Neurotoxic Pathways. <i>Journal of Neuroscience</i> , 2007, 27, 852-859.	1.7	43
63	Altered Regulation of Phosphatidylinositol 3-kinase Signaling in Cathepsin D-Deficient Brain. <i>Autophagy</i> , 2007, 3, 222-229.	4.3	38
64	Cathepsin D Deficiency and NCL/Batten Disease: There's More to Death than Apoptosis. <i>Autophagy</i> , 2007, 3, 474-476.	4.3	28
65	Publish and Perish. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 981-982.	1.3	1
66	Cathepsin D Deficiency Induces Persistent Neurodegeneration in the Absence of Bax-Dependent Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 2081-2090.	1.7	87
67	What IF? Does Impact Factor Really Matter?. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 313-314.	1.3	2
68	p53 Transcription-Dependent and -Independent Regulation of Cerebellar Neural Precursor Cell Apoptosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 66-74.	0.9	26
69	Kainic acid induces early and transient autophagic stress in mouse hippocampus. <i>Neuroscience Letters</i> , 2007, 414, 57-60.	1.0	104
70	Role of reactive oxygen species and spinal cord apoptotic genes in the development of neuropathic pain. <i>Pharmacological Research</i> , 2007, 55, 158-166.	3.1	98
71	Regulation of mouse brain glycogen synthase kinase-3 by atypical antipsychotics. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 7.	1.0	179
72	Neonatal lethality in transgenic mice expressing prion protein with a deletion of residues 105-125. <i>EMBO Journal</i> , 2007, 26, 548-558.	3.5	191

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73	Bafilomycin A1 protects against autophagic stress-induced neuron death. <i>FASEB Journal</i> , 2007, 21, .	0.2	0
74	Labeled lines in the retinotectal system: Markers for retinorecipient sublaminae and the retinal ganglion cell subsets that innervate them. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 296-310.	1.0	61
75	Molar tooth development in caspase-3 deficient mice. <i>International Journal of Developmental Biology</i> , 2006, 50, 491-7.	0.3	24
76	Prion protein protects against ethanol-induced Bax-mediated cell death in vivo. <i>NeuroReport</i> , 2006, 17, 903-906.	0.6	11
77	Tissue transglutaminase overexpression in the brain potentiates calcium-induced hippocampal damage. <i>Journal of Neurochemistry</i> , 2006, 97, 582-594.	2.1	45
78	Neural precursor cells possess multiple p53-dependent apoptotic pathways. <i>Cell Death and Differentiation</i> , 2006, 13, 1727-1739.	5.0	42
79	Bcl-2 family and the central nervous system: from rheostat to real complex. <i>Cell Death and Differentiation</i> , 2006, 13, 1299-1304.	5.0	25
80	Selective involvement of BH3-only Bcl-2 family members Bim and Bad in neonatal hypoxia-induced ischemia. <i>Brain Research</i> , 2006, 1099, 150-159.	1.1	56
81	BH3-Only Proapoptotic Bcl-2 Family Members Noxa and Puma Mediate Neural Precursor Cell Death. <i>Journal of Neuroscience</i> , 2006, 26, 7257-7264.	1.7	61
82	Bafilomycin A1 Inhibits Chloroquine-Induced Death of Cerebellar Granule Neurons. <i>Molecular Pharmacology</i> , 2006, 69, 1125-1136.	1.0	155
83	Imaging the Future of Cell Biology. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 1-1.	1.3	0
84	Transgenic Rescue of ataxia Mice with Neuronal-Specific Expression of Ubiquitin-Specific Protease 14. <i>Journal of Neuroscience</i> , 2006, 26, 11423-11431.	1.7	78
85	Journal of Histochemistry and Cytochemistry Editorial Policies and Ethical Guidelines. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 129-130.	1.3	0
86	A Beautiful Science. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 1073-1074.	1.3	1
87	Autophagy, Bafilomycin and Cell Death: The Role of Plecomacrolide-Induced Neuroprotection. <i>Autophagy</i> , 2006, 2, 228-230.	4.3	104
88	Regulation of Neural Stem Cell Death. , 2006, , 97-122.		3
89	Fat apoptosis through targeted activation of caspase 8: a new mouse model of inducible and reversible lipoatrophy. <i>Nature Medicine</i> , 2005, 11, 797-803.	15.2	280
90	Role of caspase-3 in ethanol-induced developmental neurodegeneration. <i>Neurobiology of Disease</i> , 2005, 20, 608-614.	2.1	111

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91	Regulation of Neuronal Cell Death and Neurodegeneration by Members of the Bcl-2 Family: Therapeutic Implications. <i>CNS and Neurological Disorders</i> , 2005, 4, 25-39.	4.3	84
92	Bax deletion prevents neuronal loss but not neurological symptoms in a transgenic model of inherited prion disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 238-243.	3.3	91
93	Molecular Regulation of Acute Ethanol-Induced Neuron Apoptosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 490-497.	0.9	55
94	Programmed Cell Death. , 2005, , 317-328.		5
95	Cathepsin Deficiency as a Model for Neuronal Ceroid Lipofuscinoses. <i>American Journal of Pathology</i> , 2005, 167, 1473-1476.	1.9	13
96	Hypoxia activates glycogen synthase kinase-3 in mouse brain in vivo: Protection by mood stabilizers and imipramine. <i>Biological Psychiatry</i> , 2005, 57, 278-286.	0.7	73
97	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. <i>Development (Cambridge)</i> , 2004, 131, 2125-2135.	1.2	47
98	Bcl-2 family regulation of neuronal development and neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1644, 189-203.	1.9	177
99	Blockade of glutamate mGlu5 receptors in a rat model of neuropathic pain prevents early over-expression of pro-apoptotic genes and morphological changes in dorsal horn lamina II. <i>Neuropharmacology</i> , 2004, 46, 468-479.	2.0	78
100	Caspase regulation of genotoxin-induced neural precursor cell death. <i>Journal of Neuroscience Research</i> , 2003, 74, 435-445.	1.3	31
101	Ethanol-induced neuronal apoptosis in vivo requires BAX in the developing mouse brain. <i>Cell Death and Differentiation</i> , 2003, 10, 1148-1155.	5.0	196
102	Bcl-xL Deamidation Is a Critical Switch in the Regulation of the Response to DNA Damage. <i>Cell</i> , 2003, 115, 503.	13.5	13
103	Combined Tyramide Signal Amplification and Quantum Dots for Sensitive and Photostable Immunofluorescence Detection. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 981-987.	1.3	107
104	$\beta$ -Secretase activity is dispensable for mesenchyme-to-epithelium transition but required for podocyte and proximal tubule formation in developing mouse kidney. <i>Development (Cambridge)</i> , 2003, 130, 5031-5042.	1.2	182
105	Hypertrophic Neuropathies and Malignant Peripheral Nerve Sheath Tumors in Transgenic Mice Overexpressing Glial Growth Factor $\beta$ 3 in Myelinating Schwann Cells. <i>Journal of Neuroscience</i> , 2003, 23, 7269-7280.	1.7	66
106	Strain-Dependent Neurodevelopmental Abnormalities in Caspase-3-Deficient Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002, 61, 673-677.	0.9	123
107	In Situ Detection of Apoptotic Neurons. , 2002, , 205-224.		8
108	Ethanol-Induced Caspase-3 Activation in the in Vivo Developing Mouse Brain. <i>Neurobiology of Disease</i> , 2002, 9, 205-219.	2.1	237

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109	Bcl-xL Deamidation Is a Critical Switch in the Regulation of the Response to DNA Damage. <i>Cell</i> , 2002, 111, 51-62.	13.5	220
110	p53 deficiency fails to prevent increased programmed cell death in the Bcl-XL-deficient nervous system. <i>Cell Death and Differentiation</i> , 2002, 9, 1063-1068.	5.0	24
111	NF1 Deletions in S-100 Protein-Positive and Negative Cells of Sporadic and Neurofibromatosis 1 (NF1)-Associated Plexiform Neurofibromas and Malignant Peripheral Nerve Sheath Tumors. <i>American Journal of Pathology</i> , 2001, 159, 57-61.	1.9	124
112	Proapoptotic BAX and BAK: A Requisite Gateway to Mitochondrial Dysfunction and Death. <i>Science</i> , 2001, 292, 727-730.	6.0	3,602
113	Bcl-X <sub>L</sub> Caspase-9 Interactions in the Developing Nervous System: Evidence for Multiple Death Pathways. <i>Journal of Neuroscience</i> , 2001, 21, 169-175.	1.7	72
114	Chloroquine-Induced Neuronal Cell Death Is p53 and Bcl-2 Family-Dependent But Caspase-Independent. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 937-945.	0.9	83
115	Deafferentation-induced abnormal neurofilament phosphorylation in red nucleus neurones. <i>Neuropathology and Applied Neurobiology</i> , 2001, 27, 444-450.	1.8	1
116	Apoptosis and brain development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2001, 7, 261-266.	3.5	148
117	Neural precursor cell apoptosis and glial tumorigenesis following transplacental ethyl-nitrosourea exposure. <i>Oncogene</i> , 2001, 20, 8281-8286.	2.6	37
118	DNA microarrays and beyond: completing the journey from tissue to cell. <i>Nature Cell Biology</i> , 2001, 3, E175-E178.	4.6	116
119	Bid regulation of neuronal apoptosis. <i>Developmental Brain Research</i> , 2001, 128, 187-190.	2.1	26
120	Caspases, Apoptosis, and Alzheimer Disease: Causation, Correlation, and Confusion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 829-838.	0.9	158
121	DNA damage-induced neural precursor cell apoptosis requires p53 and caspase 9 but neither Bax nor caspase 3. <i>Development (Cambridge)</i> , 2001, 128, 137-46.	1.2	37
122	Caspase Regulation of Neuronal Progenitor Cell Apoptosis. <i>Developmental Neuroscience</i> , 2000, 22, 116-124.	1.0	48
123	Amyloid Beta-Induced Neuronal Death is Bax-Dependent but Caspase-Independent. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 271-279.	0.9	89
124	Rxn deficiency results in congenital central hypoventilation. <i>Nature Genetics</i> , 2000, 24, 287-290.	9.4	147
125	Effect of streptozotocin-induced diabetes on NGF, P75NTR and TrkA content of prevertebral and paravertebral rat sympathetic ganglia. <i>Brain Research</i> , 2000, 867, 149-156.	1.1	35
126	Polyglutamine disease and neuronal cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12957-12958.	3.3	109

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127	Epistatic and independent functions of Caspase-3 and Bcl-XL in developmental programmed cell death. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 466-471.	3.3	113
128	Dual Fluorescent In Situ Hybridization and Immunohistochemical Detection with Tyramide Signal Amplification. Journal of Histochemistry and Cytochemistry, 2000, 48, 1369-1375.	1.3	74
129	Mechanisms of programmed cell death in the developing brain. Trends in Neurosciences, 2000, 23, 291-297.	4.2	407
130	Bid-deficient mice are resistant to Fas-induced hepatocellular apoptosis. Nature, 1999, 400, 886-891.	13.7	950
131	Neurokinin B- and substance P-like immunoreactivity are co-localized in enteric nerves of rat ileum. Regulatory Peptides, 1999, 80, 67-74.	1.9	12
132	In Situ Immunodetection of Neuronal Caspase-3 Activation in Alzheimer Disease. Journal of Neuropathology and Experimental Neurology, 1999, 58, 1020-1026.	0.9	142
133	Cellular immune responses are essential for the development of Helicobacter felis-associated gastric pathology. Journal of Immunology, 1999, 163, 1490-7.	0.4	128
134	Trophic support promotes survival of bcl-x-deficient telencephalic cells in vitro. Cell Death and Differentiation, 1998, 5, 901-910.	5.0	35
135	Apaf1 (CED-4 Homolog) Regulates Programmed Cell Death in Mammalian Development. Cell, 1998, 94, 727-737.	13.5	843
136	In situ immunodetection of activated caspase-3 in apoptotic neurons in the developing nervous system. Cell Death and Differentiation, 1998, 5, 1004-1016.	5.0	365
137	Regulated Targeting of BAX to Mitochondria. Journal of Cell Biology, 1998, 143, 207-215.	2.3	587
138	Enzyme-based Antigen Localization and Quantitation in Cell and Tissue Samples (Midwestern Assay). Journal of Histochemistry and Cytochemistry, 1997, 45, 1629-1641.	1.3	5
139	Dystrophic Axonal Swellings Develop as a Function of Age and Diabetes in Human Dorsal Root Ganglia. Journal of Neuropathology and Experimental Neurology, 1997, 56, 1028-1043.	0.9	61
140	<i>bax</i> Deficiency Prevents the Increased Cell Death of Immature Neurons in <i>bcl-x</i> -Deficient Mice. Journal of Neuroscience, 1997, 17, 3112-3119.	1.7	169
141	Enx (Hox11L1)-deficient mice develop myenteric neuronal hyperplasia and megacolon. Nature Medicine, 1997, 3, 646-650.	15.2	135
142	Murine $\beta$ -herpesvirus 68 causes severe large-vessel arteritis in mice lacking interferon- $\beta$ responsiveness: A new model for virus-induced vascular disease. Nature Medicine, 1997, 3, 1346-1353.	15.2	230
143	Double immunofluorescent staining using two unconjugated primary antisera raised in the same species.. Journal of Histochemistry and Cytochemistry, 1996, 44, 1331-1335.	1.3	208
144	Cross talk between cell death and cell cycle progression: BCL-2 regulates NFAT-mediated activation.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9545-9552.	3.3	327

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145	Apoptosis of bcl-x-deficient telencephalic cells in vitro. <i>Journal of Neuroscience</i> , 1996, 16, 1753-1758.	1.7	58
146	Neuronal Argyrophilia and Phosphorylated Neurofilament Accumulation Secondary to Deafferentation. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 466-470.	0.9	5
147	Cholera toxin binds to differentiating neurons in the developing murine basal ganglia. <i>Developmental Brain Research</i> , 1996, 92, 199-210.	2.1	13
148	The neostriatal mosaic: Basis for the changing distribution of neurokinin-1 receptor immunoreactivity during development. <i>Journal of Comparative Neurology</i> , 1996, 376, 463-475.	0.9	18
149	Developmentally-regulated lectin binding in the embryonic mouse telencephalon. <i>Brain Research</i> , 1995, 678, 99-109.	1.1	16
150	Massive cell death of immature hematopoietic cells and neurons in Bcl-x-deficient mice. <i>Science</i> , 1995, 267, 1506-1510.	6.0	1,106
151	Simultaneous detection of TDT-mediated dUTP-biotin nick end-labeling (TUNEL)-positive cells and multiple immunohistochemical markers in single tissue sections. <i>BioTechniques</i> , 1995, 19, 800-5.	0.8	54
152	Immunohistochemical studies indicate multiple enteroendocrine cell differentiation pathways in the mouse proximal small intestine. <i>Developmental Dynamics</i> , 1994, 201, 63-70.	0.8	53
153	Neurotrophin-4 selectively promotes survival of striatal neurons in organotypic slice culture. <i>Brain Research</i> , 1994, 647, 340-344.	1.1	52
154	Adaptation of enteroendocrine cells in response to jejunal-ileal transposition in the rat. <i>Gastroenterology</i> , 1994, 106, 1576-1583.	0.6	16
155	Expression of wild-type and mutant simian virus 40 large tumor antigens in villus-associated enterocytes of transgenic mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6914-6918.	3.3	43
156	Intracranial ependymoma long term outcome, patterns of failure. <i>Journal of Neuro-Oncology</i> , 1993, 15, 125-131.	1.4	103
157	Transgenic mouse models that explore the multistep hypothesis of intestinal neoplasia.. <i>Journal of Cell Biology</i> , 1993, 123, 877-893.	2.3	93
158	Effect of diabetes and aging on human sympathetic autonomic ganglia. <i>American Journal of Pathology</i> , 1993, 143, 143-53.	1.9	63
159	Use of transgenic mice to map cis-acting elements in the intestinal fatty acid binding protein gene (Fabpi) that control its cell lineage-specific and regional patterns of expression along the duodenal-colonic and crypt-villus axes of the gut epithelium.. <i>Journal of Cell Biology</i> , 1992, 119, 27-44.	2.3	169
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