Kevin A Roth

List of Publications by Year
in descending order

222 papers	25,708 citations	12330 69 h-index	6471 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. Scientific Reports, 2021, 11, 5448.	3.3	33
2	Establishment and genomic characterization of a sporadic malignant peripheral nerve sheath tumor cell line. Scientific Reports, 2021, 11, 5690.	3.3	9
3	RAB38 Facilitates Energy Metabolism and Counteracts Cell Death in Glioblastoma Cells. Cells, 2021, 10, 1643.	4.1	2
4	Pineal Region High-Grade Glioneuronal Tumor With a Novel ZBTB10-NTRK3 Fusion. Journal of Neuropathology and Experimental Neurology, 2020, 79, 929-931.	1.7	1
5	Clinical Utilization, Utility, and Reimbursement for Expanded Genomic Panel Testing in Adult Oncology. JCO Precision Oncology, 2020, 4, 1038-1048.	3.0	16
6	Diffuse midline glioma with novel, potentially targetable, FGFR2â€“VPS35 fusion. Journal of Physical Education and Sports Management, 2020, 6, a005660.	1.2	5
7	ErbB4 promotes malignant peripheral nerve sheath tumor pathogenesis via Ras-independent mechanisms. Cell Communication and Signaling, 2019, 17, 74.	6.5	16
8	Usp9X Regulates Cell Death in Malignant Peripheral Nerve Sheath Tumors. Scientific Reports, 2018, 8, 17390.	3.3	19
9	The American Journal of Pathology, Value Beyond Simple Metrics. American Journal of Pathology, 2017, 187, 2-3.	3.8	0
10	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. Cancer Research, 2017, 77, 3513-3526.	0.9	56
11	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. Nature Communications, 2017, 8, 1067.	12.8	91
12	BH3 mimetics suppress CXCL12 expression in human malignant peripheral nerve sheath tumor cells. Oncotarget, 2017, 8, 8670-8678.	1.8	4
13	Implementation and utilization of the molecular tumor board to guide precision medicine. Oncotarget, 2017, 8, 57845-57854.	1.8	67
14	Tamoxifen Induces Cytotoxic Autophagy in Glioblastoma. Journal of Neuropathology and Experimental Neurology, 2016, 75, 946-954.	1.7	31
15	Understanding Lung Development, Injury, and Repair. American Journal of Pathology, 2016, 186, 2518.	3.8	0
16	The More Things Changeâ€¦. American Journal of Pathology, 2016, 186, 2-3.	3.8	0
17	Advances in Experimental Neuropathology. American Journal of Pathology, 2016, 186, 462-463.	3.8	0
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701

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19	Coming into Focus. American Journal of Pathology, 2015, 185, 600-601.	3.8	10
20	Science Isn't Science If It Isn't Reproducible. American Journal of Pathology, 2015, 185, 2-3.	3.8	7
21	Aging and energeticsâ€™ â€˜Top 40â€™ future research opportunities 2010-2013. F1000Research, 2014, 3, 219.	1.6	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.	1.7	24
23	Neuregulin-1 overexpression and Trp53 haploinsufficiency cooperatively promote de novo malignant peripheral nerve sheath tumor pathogenesis. Acta Neuropathologica, 2014, 127, 573-591.	7.7	19
24	Rebooted. American Journal of Pathology, 2014, 184, 2-3.	3.8	0
25	BNIP3 Regulates AT101 [(-)-Gossypol] Induced Death in Malignant Peripheral Nerve Sheath Tumor Cells. PLoS ONE, 2014, 9, e96733.	2.5	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.	3.8	26
27	The American Journal of Pathology Centennial Project. American Journal of Pathology, 2013, 182, 1050-1051.	3.8	2
28	A New Path (and Editor) for AJP. American Journal of Pathology, 2013, 182, 3-4.	3.8	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.	1.7	12
30	4-Hydroxytamoxifen Induces Autophagic Death through K-Ras Degradation. Cancer Research, 2013, 73, 4395-4405.	0.9	60
31	Protector turns predator. Autophagy, 2013, 9, 1438-1439.	9.1	5
32	BNIP3 regulates AT101 induced cytotoxicity in MPNST cells. FASEB Journal, 2013, 27, 380.3.	0.5	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.	1.2	8
34	Rotenone Inhibits Autophagic Flux Prior to Inducing Cell Death. ACS Chemical Neuroscience, 2012, 3, 1063-1072.	3.5	91
35	The American Journal of Pathology Centennial Project. American Journal of Pathology, 2012, 180, 1337-1339.	3.8	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. Brain Pathology, 2012, 22, 89-98.	4.1	87
38	CHOP Potentially Co-Operates with FOXO3a in Neuronal Cells to Regulate PUMA and BIM Expression in Response to ER Stress. PLoS ONE, 2012, 7, e39586.	2.5	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. Journal of Histochemistry and Cytochemistry, 2011, 59, 976-983.	2.5	14
40	Lowâ€dose bafilomycin attenuates neuronal cell death associated with autophagyâ€lysosome pathway dysfunction. Journal of Neurochemistry, 2010, 114, 1193-1204.	3.9	57
41	Cytoplasmic p53 and Activated Bax Regulate p53-dependent, Transcription-independent Neural Precursor Cell Apoptosis. Journal of Histochemistry and Cytochemistry, 2010, 58, 265-275.	2.5	50
42	Chloroquine-induced autophagic vacuole accumulation and cell death in glioma cells is p53 independent. Neuro-Oncology, 2010, 12, 473-81.	1.2	148
43	Lysosome Dysfunction Triggers Atg7-dependent Neural Apoptosis. Journal of Biological Chemistry, 2010, 285, 10497-10507.	3.4	78
44	Autophagy. American Journal of Pathology, 2010, 176, 1065-1071.	3.8	14
45	A Highly Toxic Cellular Prion Protein Induces a Novel, Nonapoptotic Form of Neuronal Death. American Journal of Pathology, 2010, 176, 2695-2706.	3.8	18
46	Transgenic rescue of ataxia mice reveals a male-specific sterility defect. Developmental Biology, 2009, 325, 33-42.	2.0	37
47	Oxidative Stress and Autophagy in the Regulation of Lysosome-Dependent Neuron Death. Antioxidants and Redox Signaling, 2009, 11, 481-496.	5.4	106
48	The Proapoptotic BH3-Only, Bcl-2 Family Member, Puma Is Critical for Acute Ethanol-Induced Neuronal Apoptosis. Journal of Neuropathology and Experimental Neurology, 2009, 68, 747-756.	1.7	32
49	bcl-2/Adenovirus E1B 19-kd Interacting Protein 3 (BNIP3) Regulates Hypoxia-Induced Neural Precursor Cell Death. Journal of Neuropathology and Experimental Neurology, 2009, 68, 1326-1338.	1.7	32
50	Differential activation of câ€fos and caspaseâ€3 in hippocampal neuron subpopulations following neonatal hypoxiaâ€ischemia. Journal of Neuroscience Research, 2008, 86, 1115-1124.	2.9	24
51	Involvement of subtype 1 metabotropic glutamate receptors in apoptosis and caspase-7 over-expression in spinal cord of neuropathic rats. Pharmacological Research, 2008, 57, 223-233.	7.1	24
52	Lysosomal enzyme cathepsin D protects against alpha-synuclein aggregation and toxicity. Molecular Brain, 2008, 1, 17.	2.6	212
53	Localization of electrogenic Na/bicarbonate cotransporter NBCe1 variants in rat brain. Neuroscience, 2008, 155, 818-832.	2.3	51
54	Developing Postmitotic Mammalian NeuronsIn VivoLacking Apaf-1 Undergo Programmed Cell Death by a Caspase-Independent, Nonapoptotic Pathway Involving Autophagy. Journal of Neuroscience, 2008, 28, 1490-1497.	3.6	37

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55	Our Journal, Our History, Our Cytophilia. Journal of Histochemistry and Cytochemistry, 2008, 56, 1-2.	2.5	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. Journal of Histochemistry and Cytochemistry, 2008, 56, 921-927.	2.5	23
57	Acute neonatal glucocorticoid exposure produces selective and rapid cerebellar neural progenitor cell apoptotic death. Cell Death and Differentiation, 2008, 15, 1582-1592.	11.2	102
58	The autophagy-lysosomal degradation pathway: role in neurodegenerative disease and therapy. Frontiers in Bioscience - Landmark, 2008, 13, 718.	3.0	116
59	Lysosomal Dysfunction Promotes Autophagic Stress and NPC Death. FASEB Journal, 2008, 22, 1121.10.	0.5	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. Journal of Biological Chemistry, 2007, 282, 22856-22864.	3.4	50
62	N-Terminally Deleted Forms of the Prion Protein Activate Both Bax-Dependent and Bax-Independent Neurotoxic Pathways. Journal of Neuroscience, 2007, 27, 852-859.	3.6	43
63	Altered Regulation of Phosphatidylinositol 3-kinase Signaling in Cathepsin D-Deficient Brain. Autophagy, 2007, 3, 222-229.	9.1	38
64	Cathepsin D Deficiency and NCL/Batten Disease: Thereâ€™s More to Death than Apoptosis. Autophagy, 2007, 3, 474-476.	9.1	28
65	Publish and Perish. Journal of Histochemistry and Cytochemistry, 2007, 55, 981-982.	2.5	1
66	Cathepsin D Deficiency Induces Persistent Neurodegeneration in the Absence of Bax-Dependent Apoptosis. Journal of Neuroscience, 2007, 27, 2081-2090.	3.6	87
67	What IF? Does Impact Factor Really Matter?. Journal of Histochemistry and Cytochemistry, 2007, 55, 313-314.	2.5	2
68	p53 Transcription-Dependent and -Independent Regulation of Cerebellar Neural Precursor Cell Apoptosis. Journal of Neuropathology and Experimental Neurology, 2007, 66, 66-74.	1.7	26
69	Kainic acid induces early and transient autophagic stress in mouse hippocampus. Neuroscience Letters, 2007, 414, 57-60.	2.1	104
70	Role of reactive oxygen species and spinal cord apoptotic genes in the development of neuropathic pain. Pharmacological Research, 2007, 55, 158-166.	7.1	98
71	Regulation of mouse brain glycogen synthase kinase-3 by atypical antipsychotics. International Journal of Neuropsychopharmacology, 2007, 10, 7.	2.1	179
72	Neonatal lethality in transgenic mice expressing prion protein with a deletion of residues 105â€“125. EMBO Journal, 2007, 26, 548-558.	7.8	191

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73	Bafilomycin A1 protects against autophagic stressâ€induced neuron death. FASEB Journal, 2007, 21, .	0.5	0
74	Labeled lines in the retinotectal system: Markers for retinorecipient sublaminae and the retinal ganglion cell subsets that innervate them. Molecular and Cellular Neurosciences, 2006, 33, 296-310.	2.2	61
75	Molar tooth development in caspase-3 deficient mice. International Journal of Developmental Biology, 2006, 50, 491-7.	0.6	24
76	Prion protein protects against ethanol-induced Bax-mediated cell death in vivo. NeuroReport, 2006, 17, 903-906.	1.2	11
77	Tissue transglutaminase overexpression in the brain potentiates calcium-induced hippocampal damage. Journal of Neurochemistry, 2006, 97, 582-594.	3.9	45
78	Neural precursor cells possess multiple p53-dependent apoptotic pathways. Cell Death and Differentiation, 2006, 13, 1727-1739.	11.2	42
79	Bcl-2 family and the central nervous system: from rheostat to real complex. Cell Death and Differentiation, 2006, 13, 1299-1304.	11.2	25
80	Selective involvement of BH3-only Bcl-2 family members Bim and Bad in neonatal hypoxiaâ€“ischemia. Brain Research, 2006, 1099, 150-159.	2.2	56
81	BH3-Only Proapoptotic Bcl-2 Family Members Noxa and Puma Mediate Neural Precursor Cell Death. Journal of Neuroscience, 2006, 26, 7257-7264.	3.6	61
82	Bafilomycin A1 Inhibits Chloroquine-Induced Death of Cerebellar Granule Neurons. Molecular Pharmacology, 2006, 69, 1125-1136.	2.3	155
83	Imaging the Future of Cell Biology. Journal of Histochemistry and Cytochemistry, 2006, 54, 1-1.	2.5	0
84	Transgenic Rescue of ataxia Mice with Neuronal-Specific Expression of Ubiquitin-Specific Protease 14. Journal of Neuroscience, 2006, 26, 11423-11431.	3.6	78
85	Journal of Histochemistry and Cytochemistry Editorial Policies and Ethical Guidelines. Journal of Histochemistry and Cytochemistry, 2006, 54, 129-130.	2.5	0
86	A Beautiful Science. Journal of Histochemistry and Cytochemistry, 2006, 54, 1073-1074.	2.5	1
87	Autophagy, Bafilomycin and Cell Death: The â€œA-B-Csâ€•of Plecomacrolide-Induced Neuroprotection. Autophagy, 2006, 2, 228-230.	9.1	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. Nature Medicine, 2005, 11, 797-803.	30.7	280
90	Role of caspase-3 in ethanol-induced developmental neurodegeneration. Neurobiology of Disease, 2005, 20, 608-614.	4.4	111

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91	Regulation of Neuronal Cell Death and Neurodegeneration by Members of the Bcl-2 Family: Therapeutic Implications. CNS and Neurological Disorders, 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. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 238-243.	7.1	91
93	Molecular Regulation of Acute Ethanol-Induced Neuron Apoptosis. Journal of Neuropathology and Experimental Neurology, 2005, 64, 490-497.	1.7	55
94	Programmed Cell Death. , 2005, , 317-328.		5
95	Cathepsin Deficiency as a Model for Neuronal Ceroid Lipofuscinoses. American Journal of Pathology, 2005, 167, 1473-1476.	3.8	13
96	Hypoxia activates glycogen synthase kinase-3 in mouse brain in vivo: Protection by mood stabilizers and imipramine. Biological Psychiatry, 2005, 57, 278-286.	1.3	73
97	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. Development (Cambridge), 2004, 131, 2125-2135.	2.5	47
98	Bcl-2 family regulation of neuronal development and neurodegeneration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1644, 189-203.	4.1	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. Neuropharmacology, 2004, 46, 468-479.	4.1	78
100	Caspase regulation of genotoxin-induced neural precursor cell death. Journal of Neuroscience Research, 2003, 74, 435-445.	2.9	31
101	Ethanol-induced neuronal apoptosis in vivo requires BAX in the developing mouse brain. Cell Death and Differentiation, 2003, 10, 1148-1155.	11.2	196
102	Bcl-xL Deamidation Is a Critical Switch in the Regulation of the Response to DNA Damage. Cell, 2003, 115, 503.	28.9	13
103	Combined Tyramide Signal Amplification and Quantum Dots for Sensitive and Photostable Immunofluorescence Detection. Journal of Histochemistry and Cytochemistry, 2003, 51, 981-987.	2.5	107
104	Î³-Secretase activity is dispensable for mesenchyme-to-epithelium transition but required for podocyte and proximal tubule formation in developing mouse kidney. Development (Cambridge), 2003, 130, 5031-5042.	2.5	182
105	Hypertrophic Neuropathies and Malignant Peripheral Nerve Sheath Tumors in Transgenic Mice Overexpressing Glial Growth Factor Î²3 in Myelinating Schwann Cells. Journal of Neuroscience, 2003, 23, 7269-7280.	3.6	66
106	Strain-Dependent Neurodevelopmental Abnormalities in Caspase-3-Deficient Mice. Journal of Neuropathology and Experimental Neurology, 2002, 61, 673-677.	1.7	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. Neurobiology of Disease, 2002, 9, 205-219.	4.4	237

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109	Bcl-xL Deamidation Is a Critical Switch in the Regulation of the Response to DNA Damage. Cell, 2002, 111, 51-62.	28.9	220
110	p53 deficiency fails to prevent increased programmed cell death in the Bcl-XL-deficient nervous system. Cell Death and Differentiation, 2002, 9, 1063-1068.	11.2	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. American Journal of Pathology, 2001, 159, 57-61.	3.8	124
112	Proapoptotic BAX and BAK: A Requisite Gateway to Mitochondrial Dysfunction and Death. Science, 2001, 292, 727-730.	12.6	3,602
113	Bcl-X_Lâ€“Caspase-9 Interactions in the Developing Nervous System: Evidence for Multiple Death Pathways. Journal of Neuroscience, 2001, 21, 169-175.	3.6	72
114	Chloroquine-Induced Neuronal Cell Death Is p53 and Bcl-2 Family-Dependent But Caspase-Independent. Journal of Neuropathology and Experimental Neurology, 2001, 60, 937-945.	1.7	83
115	Deafferentation-induced abnormal neurofilament phosphorylation in red nucleus neurones. Neuropathology and Applied Neurobiology, 2001, 27, 444-450.	3.2	1
116	Apoptosis and brain development. Mental Retardation and Developmental Disabilities Research Reviews, 2001, 7, 261-266.	3.6	148
117	Neural precursor cell apoptosis and glial tumorigenesis following transplacental ethyl-nitrosourea exposure. Oncogene, 2001, 20, 8281-8286.	5.9	37
118	DNA microarrays and beyond: completing the journey from tissue to cell. Nature Cell Biology, 2001, 3, E175-E178.	10.3	116
119	Bid regulation of neuronal apoptosis. Developmental Brain Research, 2001, 128, 187-190.	1.7	26
120	Caspases, Apoptosis, and Alzheimer Disease: Causation, Correlation, and Confusion. Journal of Neuropathology and Experimental Neurology, 2001, 60, 829-838.	1.7	158
121	DNA damage-induced neural precursor cell apoptosis requires p53 and caspase 9 but neither Bax nor caspase 3. Development (Cambridge), 2001, 128, 137-46.	2.5	37
122	Caspase Regulation of Neuronal Progenitor Cell Apoptosis. Developmental Neuroscience, 2000, 22, 116-124.	2.0	48
123	Amyloid Beta-Induced Neuronal Death is Bax-Dependent but Caspase-Independent. Journal of Neuropathology and Experimental Neurology, 2000, 59, 271-279.	1.7	89
124	Rnx deficiency results in congenital central hypoventilation. Nature Genetics, 2000, 24, 287-290.	21.4	147
125	Effect of streptozotocin-induced diabetes on NGF, P75NTR and TrkA content of prevertebral and paravertebral rat sympathetic ganglia. Brain Research, 2000, 867, 149-156.	2.2	35
126	Polyglutamine disease and neuronal cell death. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12957-12958.	7.1	109

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127	Epistatic and independent functions of Caspase-3 and Bcl-X _L in developmental programmed cell death. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 466-471.	7.1	113
128	Dual Fluorescent In Situ Hybridization and Immunohistochemical Detection with Tyramide Signal Amplification. Journal of Histochemistry and Cytochemistry, 2000, 48, 1369-1375.	2.5	74
129	Mechanisms of programmed cell death in the developing brain. Trends in Neurosciences, 2000, 23, 291-297.	8.6	407
130	Bid-deficient mice are resistant to Fas-induced hepatocellular apoptosis. Nature, 1999, 400, 886-891.	27.8	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.	1.7	142
133	Cellular immune responses are essential for the development of Helicobacter felis-associated gastric pathology. Journal of Immunology, 1999, 163, 1490-7.	0.8	128
134	Trophic support promotes survival of bcl-x-deficient telencephalic cells in vitro. Cell Death and Differentiation, 1998, 5, 901-910.	11.2	35
135	Apaf1 (CED-4 Homolog) Regulates Programmed Cell Death in Mammalian Development. Cell, 1998, 94, 727-737.	28.9	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.	11.2	365
137	Regulated Targeting of BAX to Mitochondria. Journal of Cell Biology, 1998, 143, 207-215.	5.2	587
138	Enzyme-based Antigen Localization and Quantitation in Cell and Tissue Samples (Midwestern Assay). Journal of Histochemistry and Cytochemistry, 1997, 45, 1629-1641.	2.5	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.	1.7	61
140	baxDeficiency Prevents the Increased Cell Death of Immature Neurons inbcl-x-Deficient Mice. Journal of Neuroscience, 1997, 17, 3112-3119.	3.6	169
141	Enx (Hox11L1)-deficient mice develop myenteric neuronal hyperplasia and megacolon. Nature Medicine, 1997, 3, 646-650.	30.7	135
142	Murine Î³-herpesvirus 68 causes severe large-vessel arteritis in mice lacking interferon-Î³ responsiveness: A new model for virus-induced vascular disease. Nature Medicine, 1997, 3, 1346-1353.	30.7	230
143	Double immunofluorescent staining using two unconjugated primary antisera raised in the same species.. Journal of Histochemistry and Cytochemistry, 1996, 44, 1331-1335.	2.5	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.	7.1	327

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145	Apoptosis of bcl-x-deficient telencephalic cells in vitro. Journal of Neuroscience, 1996, 16, 1753-1758.	3.6	58
146	Neuronal Argyrophilia and Phosphorylated Neurofilament Accumulation Secondary to Deafferentation. Journal of Neuropathology and Experimental Neurology, 1996, 55, 466-470.	1.7	5
147	Cholera toxin binds to differentiating neurons in the developing murine basal ganglia. Developmental Brain Research, 1996, 92, 199-210.	1.7	13
148	The neostriatal mosaic: Basis for the changing distribution of neurokinin-1 receptor immunoreactivity during development. Journal of Comparative Neurology, 1996, 376, 463-475.	1.6	18
149	Developmentally-regulated lectin binding in the embryonic mouse telencephalon. Brain Research, 1995, 678, 99-109.	2.2	16
150	Massive Cell Death of Immature Hematopoietic Cells and Neurons in Bcl-x-Deficient Mice. Science, 1995, 267, 1506-1510.	12.6	1,106
151	Simultaneous detection of TDT-mediated dUTP-biotin nick end-labeling (TUNEL)-positive cells and multiple immunohistochemical markers in single tissue sections. BioTechniques, 1995, 19, 800-5.	1.8	54
152	Immunohistochemical studies indicate multiple enteroendocrine cell differentiation pathways in the mouse proximal small intestine. Developmental Dynamics, 1994, 201, 63-70.	1.8	53
153	Neurotrophin-4 selectively promotes survival of striatal neurons in organotypic slice culture. Brain Research, 1994, 647, 340-344.	2.2	52
154	Adaptation of enteroendocrine cells in response to jejunal-lleal transposition in the rat. Gastroenterology, 1994, 106, 1576-1583.	1.3	16
155	Expression of wild-type and mutant simian virus 40 large tumor antigens in villus-associated enterocytes of transgenic mice.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 6914-6918.	7.1	43
156	Intracranial ependymoma long term outcome, patterns of failure. Journal of Neuro-Oncology, 1993, 15, 125-131.	2.9	103
157	Transgenic mouse models that explore the multistep hypothesis of intestinal neoplasia.. Journal of Cell Biology, 1993, 123, 877-893.	5.2	93
158	Effect of diabetes and aging on human sympathetic autonomic ganglia. American Journal of Pathology, 1993, 143, 143-53.	3.8	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.. Journal of Cell Biology, 1992, 119, 27-44.	5.2	169
160	The Min (multiple intestinal neoplasia) mutation: its effect on gut epithelial cell differentiation and interaction with a modifier system.. Journal of Cell Biology, 1992, 116, 1517-1526.	5.2	291
161	Expression of SV-40 T antigen in the small intestinal epithelium of transgenic mice results in proliferative changes in the crypt and reentry of villus-associated enterocytes into the cell cycle but has no apparent effect on cellular differentiation programs and does not cause neoplastic transformation. Journal of Cell Biology, 1992, 117, 825-839.	5.2	64
162	Simultaneous localization of six antigens in single sections of transgenic mouse intestine using a combination of light and fluorescence microscopy.. Journal of Histochemistry and Cytochemistry, 1992, 40, 1283-1290.	2.5	17

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163	Regulation of gene expression in gastric epithelial cell populations of fetal, neonatal, and adult transgenic mice. American Journal of Physiology - Renal Physiology, 1992, 263, G186-G197.	3.4	9
164	Studies of intestinal stem cells using normal, chimeric, and transgenic mice ¹. FASEB Journal, 1992, 6, 3039-3050.	0.5	146
165	Immunocytochemical studies suggest two pathways for enteroendocrine cell differentiation in the colon. American Journal of Physiology - Renal Physiology, 1992, 263, G174-G180.	3.4	39
166	Temporal differentiation and migration of substance P, serotonin, and secretin immunoreactive enteroendocrine cells in the mouse proximal small intestine. Developmental Dynamics, 1992, 194, 303-310.	1.8	23
167	Central and Peripheral Bronchial Carcinoids Possess Distinct Peptide Immunostaining Patterns. , 1992, , 241-250.		1
168	Immunohistochemical localization of GAP-43 in rat and human sympathetic nervous system â€" effects of aging and diabetes. Brain Research, 1991, 552, 190-197.	2.2	13
169	Substance P Is Distributed between Somatotrophs and Thyrotrophs in a Sexually Dimorphic Manner in Rat. Annals of the New York Academy of Sciences, 1991, 632, 366-369.	3.8	1
170	Temporal and spatial patterns of transgene expression in aging adult mice provide insights about the origins, organization, and differentiation of the intestinal epithelium.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1034-1038.	7.1	48
171	Epithelial cell differentiation in normal and transgenic mouse intestinal isografts.. Journal of Cell Biology, 1991, 113, 1183-1192.	5.2	40
172	Use of transgenic mice to infer the biological properties of small intestinal stem cells and to examine the lineage relationships of their descendants.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9407-9411.	7.1	62
173	Sexually dimorphic distribution of substance P in specific anterior pituitary cell populations.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1222-1226.	7.1	48
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