

David R Kaplan

List of Publications by Year in descending order

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239
papers

35,094
citations

6254

80
h-index

3407

183
g-index

242
all docs

242
docs citations

242
times ranked

28886
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoration of hippocampal neural precursor function by ablation of senescent cells in the aging stem cell niche. <i>Stem Cell Reports</i> , 2022, 17, 259-275.	4.8	21
2	A Shared Transcriptional Identity for Forebrain and Dentate Gyrus Neural Stem Cells from Embryogenesis to Adulthood. <i>ENeuro</i> , 2022, 9, ENEURO.0271-21.2021.	1.9	15
3	A new index to quantify longitudinal river fragmentation: Conservation and management implications. <i>Ecological Indicators</i> , 2022, 136, 108680.	6.3	15
4	Vitamin D Receptor Activation Attenuates Hippo Pathway Effectors and Cell Survival in Metastatic Neuroblastoma. <i>Molecular Cancer Research</i> , 2022, 20, 895-908.	3.4	1
5	Protein Biomarkers in Monocytes and CD4 Lymphocytes for Predicting Lithium Treatment Response of Bipolar Disorder: a Feasibility Study with Tyramine-Based Signal-Amplified Flow Cytometry.. <i>Psychopharmacology Bulletin</i> , 2022, 52, 8-35.	0.0	1
6	The DEAD-box helicase DDX56 is a conserved stemness regulator in normal and cancer stem cells. <i>Cell Reports</i> , 2021, 34, 108903.	6.4	9
7	Identifying the effects of chronic saltwater intrusion in coastal floodplain swamps using remote sensing. <i>Remote Sensing of Environment</i> , 2021, 258, 112385.	11.0	9
8	Changes in floodplain hydrology following serial damming of the Tocantins River in the eastern Amazon. <i>Science of the Total Environment</i> , 2021, 800, 149494.	8.0	12
9	The Protein Tyrosine Phosphatase Receptor Delta Regulates Developmental Neurogenesis. <i>Cell Reports</i> , 2020, 30, 215-228.e5.	6.4	50
10	Acquisition of a Unique Mesenchymal Precursor-like Blastema State Underlies Successful Adult Mammalian Digit Tip Regeneration. <i>Developmental Cell</i> , 2020, 52, 509-524.e9.	7.0	74
11	LRIG1-Mediated Inhibition of EGF Receptor Signaling Regulates Neural Precursor Cell Proliferation in the Neocortex. <i>Cell Reports</i> , 2020, 33, 108257.	6.4	13
12	Glioma-derived IL-33 orchestrates an inflammatory brain tumor microenvironment that accelerates glioma progression. <i>Nature Communications</i> , 2020, 11, 4997.	12.8	109
13	Single-Cell Profiling Shows Murine Forebrain Neural Stem Cells Reacquire a Developmental State when Activated for Adult Neurogenesis. <i>Cell Reports</i> , 2020, 32, 108022.	6.4	40
14	A proposed method for estimating interception from near-surface soil moisture response. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1859-1870.	4.9	6
15	Coupling high-resolution field monitoring and MODIS for reconstructing wetland historical hydroperiod at a high temporal frequency. <i>Remote Sensing of Environment</i> , 2020, 247, 111807.	11.0	17
16	Methylglyoxal couples metabolic and translational control of Notch signalling in mammalian neural stem cells. <i>Nature Communications</i> , 2020, 11, 2018.	12.8	25
17	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Journal of the American Chemical Society</i> , 2020, 142, 8059-8060.	13.7	3
18	River fragmentation and flow alteration metrics: a review of methods and directions for future research. <i>Environmental Research Letters</i> , 2020, 15, 123009.	5.2	40

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19	Peripheral Nerve Single-Cell Analysis Identifies Mesenchymal Ligands that Promote Axonal Growth. <i>ENeuro</i> , 2020, 7, ENEURO.0066-20.2020.	1.9	40
20	Confronting Racism in Chemistry Journals. <i>Environmental Science & Technology</i> , 2020, 54, 7735-7737.	10.0	0
21	(H)Elping nerve growth factor: Elp1 inhibits TrkA's phosphatase to maintain retrograde signaling. <i>Journal of Clinical Investigation</i> , 2020, 130, 2195-2198.	8.2	2
22	Causal Inference for Observational Studies. <i>Journal of Infectious Diseases</i> , 2019, 219, 1-2.	4.0	9
23	Mapping research on hydropower and sustainability in the Brazilian Amazon: advances, gaps in knowledge and future directions. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, 50-69.	6.3	42
24	Comprehensive genomic profiling of glioblastoma tumors, BTICs, and xenografts reveals stability and adaptation to growth environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19098-19108.	7.1	42
25	Translating neural stem cells to neurons in the mammalian brain. <i>Cell Death and Differentiation</i> , 2019, 26, 2495-2512.	11.2	38
26	Quantifying the impacts of dams on riverine hydrology under non-stationary conditions using incomplete data and Gaussian copula models. <i>Science of the Total Environment</i> , 2019, 677, 599-611.	8.0	21
27	First-in-Human Brain Imaging of [¹⁸ F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2697-2702.	3.5	19
28	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. <i>Pharmaceuticals</i> , 2019, 12, 7.	3.8	9
29	BM11 is a therapeutic target in recurrent medulloblastoma. <i>Oncogene</i> , 2019, 38, 1702-1716.	5.9	20
30	Mesenchymal Precursor Cells in Adult Nerves Contribute to Mammalian Tissue Repair and Regeneration. <i>Cell Stem Cell</i> , 2019, 24, 240-256.e9.	11.1	159
31	The invisibility of fisheries in the process of hydropower development across the Amazon. <i>Ambio</i> , 2018, 47, 453-465.	5.5	25
32	Revealing Biotic and Abiotic Controls of Harmful Algal Blooms in a Shallow Subtropical Lake through Statistical Machine Learning. <i>Environmental Science & Technology</i> , 2018, 52, 3527-3535.	10.0	55
33	Interleukin-6 Regulates Adult Neural Stem Cell Numbers during Normal and Abnormal Post-natal Development. <i>Stem Cell Reports</i> , 2018, 10, 1464-1480.	4.8	61
34	A Translational Repression Complex in Developing Mammalian Neural Stem Cells that Regulates Neuronal Specification. <i>Neuron</i> , 2018, 97, 520-537.e6.	8.1	124
35	Identification of [¹⁸ F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1737-1743.	6.4	36
36	Using a coupled dynamic factor " random forest analysis (DFRFA) to reveal drivers of spatiotemporal heterogeneity in the semi-arid regions of southern Africa. <i>PLoS ONE</i> , 2018, 13, e0208400.	2.5	4

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37	ABT-888 restores sensitivity in temozolomide resistant glioma cells and xenografts. PLoS ONE, 2018, 13, e0202860.	2.5	28
38	Cotargeting Ephrin Receptor Tyrosine Kinases A2 and A3 in Cancer Stem Cells Reduces Growth of Recurrent Glioblastoma. Cancer Research, 2018, 78, 5023-5037.	0.9	36
39	<i>Canis familiaris</i> tissues are characterized by different profiles of cytokinins typical of the tRNA degradation pathway. FASEB Journal, 2018, 32, 6575-6581.	0.5	25
40	Migrating Interneurons Secrete Fractalkine to Promote Oligodendrocyte Formation in the Developing Mammalian Brain. Neuron, 2017, 94, 500-516.e9.	8.1	69
41	A Metastatic Mouse Model Identifies Genes That Regulate Neuroblastoma Metastasis. Cancer Research, 2017, 77, 696-706.	0.9	28
42	Restore or retreat? saltwater intrusion and water management in coastal wetlands. Ecosystem Health and Sustainability, 2017, 3, .	3.1	131
43	A neuroprotective agent that inactivates prodegenerative TrkA and preserves mitochondria. Journal of Cell Biology, 2017, 216, 3655-3675.	5.2	14
44	RNAi screen identifies essential regulators of human brain metastasis-initiating cells. Acta Neuropathologica, 2017, 134, 923-940.	7.7	26
45	The changing hydrology of a dammed Amazon. Science Advances, 2017, 3, e1700611.	10.3	198
46	A Kinome-Wide Selective Radiolabeled TrkB/C Inhibitor for in Vitro and in Vivo Neuroimaging: Synthesis, Preclinical Evaluation, and First-in-Human. Journal of Medicinal Chemistry, 2017, 60, 6897-6910.	6.4	20
47	Developmental Emergence of Adult Neural Stem Cells as Revealed by Single-Cell Transcriptional Profiling. Cell Reports, 2017, 21, 3970-3986.	6.4	171
48	Small molecule epigenetic screen identifies novel EZH2 and HDAC inhibitors that target glioblastoma brain tumor-initiating cells. Oncotarget, 2016, 7, 59360-59376.	1.8	34
49	Dedifferentiated Schwann Cell Precursors Secreting Paracrine Factors Are Required for Regeneration of the Mammalian Digit Tip. Cell Stem Cell, 2016, 19, 433-448.	11.1	153
50	Disulfiram when Combined with Copper Enhances the Therapeutic Effects of Temozolomide for the Treatment of Glioblastoma. Clinical Cancer Research, 2016, 22, 3860-3875.	7.0	142
51	Transcript signatures that predict outcome and identify targetable pathways in MYCN-amplified neuroblastoma. Molecular Oncology, 2016, 10, 1461-1472.	4.6	14
52	Proneurogenic Ligands Defined by Modeling Developing Cortex Growth Factor Communication Networks. Neuron, 2016, 91, 988-1004.	8.1	39
53	A Glo1-Methylglyoxal Pathway that Is Perturbed in Maternal Diabetes Regulates Embryonic and Adult Neural Stem Cell Pools in Murine Offspring. Cell Reports, 2016, 17, 1022-1036.	6.4	35
54	Identification of Drugs that Regulate Dermal Stem Cells and Enhance Skin Repair. Stem Cell Reports, 2016, 6, 74-84.	4.8	15

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55	ISDN2014_0058: p63 and p73 coordinate p53 function to determine the balance between survival, cell death and senescence in adult neural precursor cells. International Journal of Developmental Neuroscience, 2015, 47, 13-13.	1.6	0
56	A Smaug2-Based Translational Repression Complex Determines the Balance between Precursor Maintenance versus Differentiation during Mammalian Neurogenesis. Journal of Neuroscience, 2015, 35, 15666-15681.	3.6	39
57	Metformin Acts on Two Different Molecular Pathways to Enhance Adult Neural Precursor Proliferation/Self-Renewal and Differentiation. Stem Cell Reports, 2015, 5, 988-995.	4.8	98
58	Ankrd11 Is a Chromatin Regulator Involved in Autism that Is Essential for Neural Development. Developmental Cell, 2015, 32, 31-42.	7.0	147
59	Conditional ablation of p63 indicates that it is essential for embryonic development of the central nervous system. Cell Cycle, 2015, 14, 3270-3281.	2.6	13
60	ISDN2014_0337: REMOVED: Snail coordinately regulates downstream pathways to control multiple aspects of mammalian neural precursor development. International Journal of Developmental Neuroscience, 2015, 47, 103-103.	1.6	0
61	ISDN2014_0064: The translational regulators eIF4E and 4Eâ€T form a repressive protein:mRNA complex that determines neural stem cell selfâ€renewal versus differentiation. International Journal of Developmental Neuroscience, 2015, 47, 15-15.	1.6	0
62	Which components of plant diversity are most correlated with ecosystem properties? A case study in a restored wetland in northern China. Ecological Indicators, 2015, 49, 228-236.	6.3	31
63	CD317 is over-expressed in B-cell chronic lymphocytic leukemia, but not B-cell acute lymphoblastic leukemia. International Journal of Clinical and Experimental Pathology, 2015, 8, 1613-21.	0.5	8
64	The Snail Transcription Factor Regulates the Numbers of Neural Precursor Cells and Newborn Neurons throughout Mammalian Life. PLoS ONE, 2014, 9, e104767.	2.5	7
65	Anti-tumor activity of the beta-adrenergic receptor antagonist propranolol in neuroblastoma. Oncotarget, 2014, 5, 161-172.	1.8	65
66	Snail Coordinately Regulates Downstream Pathways to Control Multiple Aspects of Mammalian Neural Precursor Development. Journal of Neuroscience, 2014, 34, 5164-5175.	3.6	24
67	<i>Neurog1</i> and <i>Neurog2</i> Control Two Waves of Neuronal Differentiation in the Piriform Cortex. Journal of Neuroscience, 2014, 34, 539-553.	3.6	50
68	Effect of thrombopoietin receptor agonists on the apoptotic profile of platelets in patients with chronic immune thrombocytopenia. American Journal of Hematology, 2014, 89, E228-34.	4.1	31
69	An eIF4E1/4E-T Complex Determines the Genesis of Neurons from Precursors by Translationally Repressing a Proneurogenic Transcription Program. Neuron, 2014, 84, 723-739.	8.1	86
70	CBP regulates the differentiation of interneurons from ventral forebrain neural precursors during murine development. Developmental Biology, 2014, 385, 230-241.	2.0	27
71	Prognostic information and biological insights in chronic lymphocytic leukemia by highâ€resolution immunophenotypic analysis of <scp>ZAP70</scp>. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 798-808.	1.5	4
72	Direct Genesis of Functional Rodent and Human Schwann Cells from Skin Mesenchymal Precursors. Stem Cell Reports, 2014, 3, 85-100.	4.8	53

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73	Strong performance on the Progressive Evaluation of Competency fellowship final examination predicts American Board of Pathology Certification. <i>Journal of the American Society of Cytopathology</i> , 2014, 3, 269-273.	0.5	9
74	The functional duality of HoxB4 in hematopoietic reconstituting cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 127-133.	1.5	8
75	p63 Regulates Adult Neural Precursor and Newly Born Neuron Survival to Control Hippocampal-Dependent Behavior. <i>Journal of Neuroscience</i> , 2013, 33, 12569-12585.	3.6	45
76	A novel neurofibromin (NF1) interaction with the leucine-rich pentatricopeptide repeat motif-containing protein links neurofibromatosis type 1 and the french canadian variant of leigh's syndrome in a common molecular complex. <i>Journal of Neuroscience Research</i> , 2013, 91, 494-505.	2.9	16
77	Potent Targeting of the STAT3 Protein in Brain Cancer Stem Cells: A Promising Route for Treating Glioblastoma. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1102-1107.	2.8	101
78	p73 haploinsufficiency causes tau hyperphosphorylation and tau kinase dysregulation in mouse models of aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 387-399.	3.1	21
79	Transient Maternal IL-6 Mediates Long-Lasting Changes in Neural Stem Cell Pools by Dereulating an Endogenous Self-Renewal Pathway. <i>Cell Stem Cell</i> , 2013, 13, 564-576.	11.1	75
80	Sox2-Mediated Regulation of Adult Neural Crest Precursors and Skin Repair. <i>Stem Cell Reports</i> , 2013, 1, 38-45.	4.8	80
81	Validation of cell-based fluorescence assays: Practice guidelines from the ICSH and ICCS – part III – analytical issues. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84, 291-308.	1.5	101
82	FoxP2 Regulates Neurogenesis during Embryonic Cortical Development. <i>Journal of Neuroscience</i> , 2013, 33, 244-258.	3.6	138
83	Neurofibromin interacts with the cytoplasmic Dynein Heavy Chain 1 in melanosomes of human melanocytes. <i>FEBS Letters</i> , 2013, 587, 1466-1473.	2.8	14
84	A Phosphoproteomics Approach to Identify Candidate Kinase Inhibitor Pathway Targets in Lymphoma-Like Primary Cell Lines. <i>Current Drug Discovery Technologies</i> , 2013, 10, 283-304.	1.2	2
85	Tumor-Initiating Cells in Childhood Neuroblastoma – Response. <i>Cancer Research</i> , 2012, 72, 823-824.	0.9	1
86	An Asymmetrically Localized Staufen2-Dependent RNA Complex Regulates Maintenance of Mammalian Neural Stem Cells. <i>Cell Stem Cell</i> , 2012, 11, 517-528.	11.1	96
87	Metformin Activates an Atypical PKC-CBP Pathway to Promote Neurogenesis and Enhance Spatial Memory Formation. <i>Cell Stem Cell</i> , 2012, 11, 23-35.	11.1	396
88	Mobilizing Endogenous Stem Cells for Repair and Regeneration: Are We There Yet?. <i>Cell Stem Cell</i> , 2012, 10, 650-652.	11.1	81
89	Spontaneous Autologous Graft-versus-Host Disease in Plasma Cell Myeloma Autograft Recipients: Flow Cytometric Analysis of Hematopoietic Progenitor Cell Grafts. <i>Biology of Blood and Marrow Transplantation</i> , 2011, 17, 970-978.	2.0	42
90	Endogenous microglia regulate development of embryonic cortical precursor cells. <i>Journal of Neuroscience Research</i> , 2011, 89, 286-298.	2.9	123

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91	Neural Tumor-Initiating Cells Have Distinct Telomere Maintenance and Can be Safely Targeted for Telomerase Inhibition. <i>Clinical Cancer Research</i> , 2011, 17, 111-121.	7.0	53
92	Social Choice at NIH: the principle of complementarity. <i>FASEB Journal</i> , 2011, 25, 3763-3764.	0.5	4
93	Special AT-rich Binding Protein-2 (SATB2) Differentially Affects Disease-causing p63 Mutant Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 40671-40680.	3.4	11
94	Small Molecule Kinase Inhibitor Screen Identifies Polo-Like Kinase 1 as a Target for Neuroblastoma Tumor-Initiating Cells. <i>Cancer Research</i> , 2011, 71, 1385-1395.	0.9	92
95	TAp73 Acts via the bHLH Hey2 to Promote Long-Term Maintenance of Neural Precursors. <i>Current Biology</i> , 2010, 20, 2058-2065.	3.9	73
96	Selective targeting of neuroblastoma tumour-initiating cells by compounds identified in stem cell-based small molecule screens. <i>EMBO Molecular Medicine</i> , 2010, 2, 371-384.	6.9	62
97	SATB2 augments p63 in head and neck squamous cell carcinoma. <i>EMBO Reports</i> , 2010, 11, 777-783.	4.5	50
98	p75NTR-dependent, myelin-mediated axonal degeneration regulates neural connectivity in the adult brain. <i>Nature Neuroscience</i> , 2010, 13, 559-566.	14.8	104
99	Isoform-specific p73 knockout mice reveal a novel role for p73 in the DNA damage response pathway. <i>Genes and Development</i> , 2010, 24, 549-560.	5.9	185
100	PrP Conformational Transitions Alter Species Preference of a PrP-specific Antibody. <i>Journal of Biological Chemistry</i> , 2010, 285, 13874-13884.	3.4	50
101	System-Level Analysis of Neuroblastoma Tumor-Initiating Cells Implicates AURKB as a Novel Drug Target for Neuroblastoma. <i>Clinical Cancer Research</i> , 2010, 16, 4572-4582.	7.0	43
102	p75NTR is an obligate signaling receptor required for cues that cause sympathetic neuron growth cone collapse. <i>Molecular and Cellular Neurosciences</i> , 2010, 45, 108-120.	2.2	35
103	CBP Histone Acetyltransferase Activity Regulates Embryonic Neural Differentiation in the Normal and Rubinstein-Taybi Syndrome Brain. <i>Developmental Cell</i> , 2010, 18, 114-125.	7.0	160
104	Coffin-Lowry syndrome: A role for RSK2 in mammalian neurogenesis. <i>Developmental Biology</i> , 2010, 347, 348-359.	2.0	23
105	Secondary MGUS After High-Dose Melphalan and Autologous Hematopoietic Progenitor Cell Transplantation In Multiple Myeloma: A Matter of Undetermined Significance. <i>Blood</i> , 2010, 116, 1296-1296.	1.4	1
106	Focal Distribution of Hepatitis C Virus RNA in Infected Livers. <i>PLoS ONE</i> , 2009, 4, e6661.	2.5	53
107	p63 Antagonizes p53 to Promote the Survival of Embryonic Neural Precursor Cells. <i>Journal of Neuroscience</i> , 2009, 29, 6710-6721.	3.6	49
108	HIF-2 maintains an undifferentiated state in neural crest-like human neuroblastoma tumor-initiating cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16805-16810.	7.1	131

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109	Lfc and Tctex-1 regulate the genesis of neurons from cortical precursor cells. <i>Nature Neuroscience</i> , 2009, 12, 735-744.	14.8	86
110	CCM2 Mediates Death Signaling by the TrkA Receptor Tyrosine Kinase. <i>Neuron</i> , 2009, 63, 585-591.	8.1	58
111	Costello syndrome H-Ras alleles regulate cortical development. <i>Developmental Biology</i> , 2009, 330, 440-451.	2.0	35
112	In Vivo Antitumor and Antimetastatic Activity of Sunitinib in Preclinical Neuroblastoma Mouse Model. <i>Neoplasia</i> , 2009, 11, 426-435.	5.3	67
113	Developmental axon pruning mediated by BDNF-p75NTR-dependent axon degeneration. <i>Nature Neuroscience</i> , 2008, 11, 649-658.	14.8	214
114	p73 Regulates Neurodegeneration and Phospho-Tau Accumulation during Aging and Alzheimer's Disease. <i>Neuron</i> , 2008, 59, 708-721.	8.1	84
115	TAp73 knockout shows genomic instability with infertility and tumor suppressor functions. <i>Genes and Development</i> , 2008, 22, 2677-2691.	5.9	378
116	Sample Size and Precision in NIH Peer Review. <i>PLoS ONE</i> , 2008, 3, e2761.	2.5	45
117	Mice lacking both mixed-lineage kinase genes <i>MLK1</i> and <i>MLK2</i> retain a wild type phenotype. <i>Cell Cycle</i> , 2008, 7, 909-916.	2.6	19
118	POINT: Statistical analysis in NIH peer review identifying innovation. <i>FASEB Journal</i> , 2007, 21, 305-308.	0.5	9
119	Neuroblastoma Cells Isolated from Bone Marrow Metastases Contain a Naturally Enriched Tumor-Initiating Cell. <i>Cancer Research</i> , 2007, 67, 11234-11243.	0.9	155
120	To Die or Not to Die: Neurons and p63. <i>Cell Cycle</i> , 2007, 6, 312-317.	2.6	24
121	Control of CNS Cell-Fate Decisions by SHP-2 and Its Dysregulation in Noonan Syndrome. <i>Neuron</i> , 2007, 54, 245-262.	8.1	128
122	Developing with BDNF: A Moving Experience. <i>Neuron</i> , 2007, 55, 1-2.	8.1	18
123	Learning More About Those Who Play in Session: The National Play Therapy in Counseling Practices Project (Phase I). <i>Journal of Counseling and Development</i> , 2007, 85, 42-46.	2.4	34
124	AKT-1 Regulates DNA-Damage-Induced Germline Apoptosis in <i>C. elegans</i> . <i>Current Biology</i> , 2007, 17, 286-292.	3.9	61
125	Interaction of Survival and Death Signaling in Basal Forebrain Neurons: Roles of Neurotrophins and Proneurotrophins. <i>Journal of Neuroscience</i> , 2006, 26, 7756-7766.	3.6	243
126	When a Motor Goes Bad: A Kinesin Regulates Neuronal Survival. <i>Cell</i> , 2006, 125, 224-226.	28.9	4

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127	The localization, trafficking and retrograde transport of BDNF bound to p75NTR in sympathetic neurons. <i>Molecular and Cellular Neurosciences</i> , 2006, 32, 387-402.	2.2	67
128	The p53 family in nervous system development and disease. <i>Journal of Neurochemistry</i> , 2006, 97, 1571-1584.	3.9	101
129	An Essential Role for the Integrin-Linked Kinase-Glycogen Synthase Kinase-3 β Pathway during Dendrite Initiation and Growth. <i>Journal of Neuroscience</i> , 2006, 26, 13344-13356.	3.6	64
130	High-Grade Glioma Formation Results from Postnatal Pten Loss or Mutant Epidermal Growth Factor Receptor Expression in a Transgenic Mouse Glioma Model. <i>Cancer Research</i> , 2006, 66, 7429-7437.	0.9	101
131	APPL1 Associates with TrkA and GIPC1 and Is Required for Nerve Growth Factor-Mediated Signal Transduction. <i>Molecular and Cellular Biology</i> , 2006, 26, 8928-8941.	2.3	137
132	D Cyclins in CD5+ B-Cell Lymphoproliferative Disorders: Cyclin D1 and Cyclin D2 Identify Diagnostic Groups and Cyclin D1 Correlates With ZAP-70 Expression in Chronic Lymphocytic Leukemia. <i>American Journal of Clinical Pathology</i> , 2006, 125, 241-250.	0.7	10
133	How to Fix Peer Review: Separating Its Two Functionsâ€”Improving Manuscripts and Judging Their Scientific Meritâ€”Would Help. <i>Journal of Child and Family Studies</i> , 2005, 14, 321-323.	1.3	12
134	TrkA Induces Apoptosis of Neuroblastoma Cells and Does So via a p53-dependent Mechanism* [boxes]. <i>Journal of Biological Chemistry</i> , 2005, 280, 29199-29207.	3.4	46
135	Insulin-Like Growth Factor 1 Inhibits Extracellular Signal-Regulated Kinase to Promote Neuronal Survival via the Phosphatidylinositol 3-Kinase/Protein Kinase A/c-Raf Pathway. <i>Journal of Neuroscience</i> , 2005, 25, 2838-2852.	3.6	87
136	Evidence that Embryonic Neurons Regulate the Onset of Cortical Gliogenesis via Cardiotrophin-1. <i>Neuron</i> , 2005, 48, 253-265.	8.1	299
137	P63 Is an Essential Proapoptotic Protein during Neural Development. <i>Neuron</i> , 2005, 48, 743-756.	8.1	104
138	Induction of caspase-dependent, p53-mediated apoptosis by apigenin in human neuroblastoma. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1-11.	4.1	34
139	Evidence That Δ p73 Promotes Neuronal Survival by p53-Dependent and p53-Independent Mechanisms. <i>Journal of Neuroscience</i> , 2004, 24, 9174-9184.	3.6	61
140	ERK activation promotes neuronal degeneration predominantly through plasma membrane damage and independently of caspase-3. <i>Journal of Cell Biology</i> , 2004, 165, 357-369.	5.2	131
141	The Invulnerability of Adult Neurons: A Critical Role for p73. <i>Journal of Neuroscience</i> , 2004, 24, 9638-9647.	3.6	59
142	A dermal niche for multipotent adult skin-derived precursor cells. <i>Nature Cell Biology</i> , 2004, 6, 1082-1093.	10.3	692
143	Neuronal MEK is important for normal fear conditioning in mice. <i>Journal of Neuroscience Research</i> , 2004, 75, 760-770.	2.9	48
144	A move to sort life from death. <i>Nature</i> , 2004, 427, 798-799.	27.8	29

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145	Src Regulates Actin Dynamics and Invasion of Malignant Glial Cells in Three Dimensions. <i>Molecular Cancer Research</i> , 2004, 2, 595-605.	3.4	66
146	Signaling mechanisms underlying dendrite formation. <i>Current Opinion in Neurobiology</i> , 2003, 13, 391-398.	4.2	145
147	Enzymatic amplification staining for single cell analysis: applied to in situ hybridization. <i>Journal of Immunological Methods</i> , 2003, 283, 1-7.	1.4	7
148	Axon growth inhibition: signals from the p75 neurotrophin receptor. <i>Nature Neuroscience</i> , 2003, 6, 435-436.	14.8	32
149	SHP-1 negatively regulates neuronal survival by functioning as a TrkA phosphatase. <i>Journal of Cell Biology</i> , 2003, 163, 999-1010.	5.2	82
150	GDNF promotes tubulogenesis of GFR α 1-expressing MDCK cells by Src-mediated phosphorylation of Met receptor tyrosine kinase. <i>Journal of Cell Biology</i> , 2003, 161, 119-129.	5.2	83
151	CD34 expression on platelets. <i>Platelets</i> , 2003, 14, 83-87.	2.3	21
152	TrkB Receptor Signaling Regulates Developmental Death Dynamics, But Not Final Number, of Retinal Ganglion Cells. <i>Journal of Neuroscience</i> , 2003, 23, 10137-10145.	3.6	43
153	Cell Cycle Regulators in the Neuronal Death Pathway of Amyotrophic Lateral Sclerosis Caused by Mutant Superoxide Dismutase 1. <i>Journal of Neuroscience</i> , 2003, 23, 2131-2140.	3.6	154
154	Semaphorin 3F Antagonizes Neurotrophin-Induced Phosphatidylinositol 3-Kinase and Mitogen-Activated Protein Kinase Kinase Signaling: A Mechanism for Growth Cone Collapse. <i>Journal of Neuroscience</i> , 2003, 23, 7602-7609.	3.6	96
155	TRK Makes the Retrograde. <i>Science</i> , 2002, 295, 1471-1473.	12.6	42
156	N-myc Promotes Survival and Induces S-Phase Entry of Postmitotic Sympathetic Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 815-824.	3.6	71
157	The Rb-family protein p107 inhibits translation by a PDK1-dependent mechanism. <i>Oncogene</i> , 2002, 21, 7891-7896.	5.9	11
158	Suppression of Rac activity induces apoptosis of human glioma cells but not normal human astrocytes. <i>Cancer Research</i> , 2002, 62, 2131-40.	0.9	74
159	Brain-derived neurotrophic factor activation of TrkB protects neuroblastoma cells from chemotherapy-induced apoptosis via phosphatidylinositol 3'-kinase pathway. <i>Cancer Research</i> , 2002, 62, 6756-63.	0.9	157
160	On Trk for Retrograde Signaling. <i>Neuron</i> , 2001, 32, 767-770.	8.1	144
161	Multiple interactions of the cytosolic polyproline region of the CD95 ligand: hints for the reverse signal transduction capacity of a death factor1. <i>FEBS Letters</i> , 2001, 509, 255-262.	2.8	50
162	PI-3 kinase and IP3: partners in NT3-induced synaptic transmission. <i>Nature Neuroscience</i> , 2001, 4, 5-7.	14.8	19

#	ARTICLE	IF	CITATIONS
163	Isolation of multipotent adult stem cells from the dermis of mammalian skin. <i>Nature Cell Biology</i> , 2001, 3, 778-784.	10.3	1,503
164	Human Natural Killer Cells Mediate Killing of Intracellular <i>Mycobacterium tuberculosis</i> H37Rv via Granule-Independent Mechanisms. <i>Infection and Immunity</i> , 2001, 69, 1755-1765.	2.2	114
165	The Cytoplasmic and Transmembrane Domains of the p75 and Trk A Receptors Regulate High Affinity Binding to Nerve Growth Factor. <i>Journal of Biological Chemistry</i> , 2001, 276, 32687-32695.	3.4	201
166	<i>Pratylenchus jaehni</i> sp. n. from citrus in Brazil and its relationship with <i>P. coffeae</i> and <i>P. loosi</i> (Nematoda: Pratylenchidae). <i>Nematology</i> , 2001, 3, 653-665.	0.6	31
167	High Resolution Immunophenotypic Analysis of Chronic Lymphocytic Leukemic Cells by Enzymatic Amplification Staining. <i>American Journal of Clinical Pathology</i> , 2001, 116, 429-436.	0.7	13
168	Neurotrophin signal transduction in the nervous system. <i>Current Opinion in Neurobiology</i> , 2000, 10, 381-391.	4.2	1,730
169	BDNF Promotes the Regenerative Sprouting, But Not Survival, of Injured Serotonergic Axons in the Adult Rat Brain. <i>Journal of Neuroscience</i> , 2000, 20, 771-782.	3.6	309
170	The TrkB-Shc Site Signals Neuronal Survival and Local Axon Growth via MEK and PI3-Kinase. <i>Neuron</i> , 2000, 27, 265-277.	8.1	385
171	Center Stage for NGF in Peripheral (but Not Central) Sensory Neuron Outgrowth. <i>Neuron</i> , 2000, 25, 253-254.	8.1	7
172	An Anti-Apoptotic Role for the p53 Family Member, p73, During Developmental Neuron Death. <i>Science</i> , 2000, 289, 304-306.	12.6	444
173	Impaired growth and elevated Fas receptor expression in PIGA+ stem cells in primary paroxysmal nocturnal hemoglobinuria. <i>Journal of Clinical Investigation</i> , 2000, 106, 689-696.	8.2	53
174	Ras Regulates Sympathetic Neuron Survival by Suppressing the p53-Mediated Cell Death Pathway. <i>Journal of Neuroscience</i> , 1999, 19, 9716-9727.	3.6	125
175	Akt-Dependent Potentiation of L Channels by Insulin-Like Growth Factor-1 Is Required for Neuronal Survival. <i>Journal of Neuroscience</i> , 1999, 19, 1940-1951.	3.6	125
176	Gab1 Mediates Neurite Outgrowth, DNA Synthesis, and Survival in PC12 Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 37307-37314.	3.4	67
177	The selective and inducible activation of endogenous PI 3-kinase in PC12 cells results in efficient NGF-mediated survival but defective neurite outgrowth. <i>Oncogene</i> , 1999, 18, 4586-4597.	5.9	85
178	Differential Activity of Soluble versus Cellular Fas Ligand: Regulation by an Accessory Molecule. <i>Cellular Immunology</i> , 1999, 195, 89-95.	3.0	32
179	Selective antipolysaccharide antibody deficiency associated with peripheral blood CD5+ B-cell predominance. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 637-641.	2.9	16
180	Activity-Dependent Activation of TrkB Neurotrophin Receptors in the Adult CNS. <i>Learning and Memory</i> , 1999, 6, 216-231.	1.3	92

#	ARTICLE	IF	CITATIONS
181	Life and death decisions: a biological role for the p75 neurotrophin receptor. <i>Cell Death and Differentiation</i> , 1998, 5, 343-345.	11.2	29
182	Nerve growth factor induced stimulation of Ras requires Trk interaction with Shc but does not involve phosphoinositide 3-OH kinase. <i>Oncogene</i> , 1998, 17, 691-697.	5.9	48
183	Neurotrophins and neuronal versus glial differentiation in medulloblastomas and other pediatric brain tumors. <i>Acta Neuropathologica</i> , 1998, 95, 325-332.	7.7	32
184	P53 Is Essential for Developmental Neuron Death as Regulated by the TrkA and p75 Neurotrophin Receptors. <i>Journal of Cell Biology</i> , 1998, 143, 1691-1703.	5.2	269
185	Chapter 4 Studying signal transduction in neuronal cells: The Trk/NGF system. <i>Progress in Brain Research</i> , 1998, 117, 35-46.	1.4	38
186	Role of the Fas/Fas Ligand Apoptotic Pathway in Human Immunodeficiency Virus Type 1 Disease. <i>Journal of Virology</i> , 1998, 72, 6279-6282.	3.4	80
187	Autophosphorylation of Activation Loop Tyrosines Regulates Signaling by the TRK Nerve Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 10957-10967.	3.4	127
188	Two Restricted Sites on the Surface of the Nerve Growth Factor Molecule Independently Determine Specific TrkA Receptor Binding and Activation. <i>Journal of Biological Chemistry</i> , 1997, 272, 9300-9307.	3.4	31
189	NGF and Neurotrophin-3 Both Activate TrkA on Sympathetic Neurons but Differentially Regulate Survival and Neuritogenesis. <i>Journal of Cell Biology</i> , 1997, 136, 375-388.	5.2	163
190	Regulation of Neuronal Survival by the Serine-Threonine Protein Kinase Akt. <i>Science</i> , 1997, 275, 661-665.	12.6	2,322
191	Direct Regulation of the Akt Proto-Oncogene Product by Phosphatidylinositol-3,4-bisphosphate. <i>Science</i> , 1997, 275, 665-668.	12.6	1,437
192	Signal transduction by the neurotrophin receptors. <i>Current Opinion in Cell Biology</i> , 1997, 9, 213-221.	5.4	552
193	PI3K: Downstream Akt Blocks Apoptosis. <i>Cell</i> , 1997, 88, 435-437.	28.9	1,580
194	Nerve Growth Factor Induces Apoptosis in Human Medulloblastoma Cell Lines that Express TrkA Receptors. <i>Journal of Neuroscience</i> , 1997, 17, 530-542.	3.6	114
195	Nerve growth factor signal transduction in human B lymphocytes is mediated by gp140trk. <i>European Journal of Immunology</i> , 1996, 26, 1985-1992.	2.9	60
196	Developmental and mature expression of full-length and truncated TrkB, receptors in the rat forebrain. <i>J Neurosci</i> , 1996, 16, 21-40.		255
197	Enzyme-Linked Immunosorbent Assay for trkA Tyrosine Kinase Activity. <i>Analytical Biochemistry</i> , 1996, 236, 49-55.	2.4	41
198	TrkC Isoforms with Inserts in the Kinase Domain Show Impaired Signaling Responses. <i>Journal of Biological Chemistry</i> , 1996, 271, 5691-5697.	3.4	63

#	ARTICLE	IF	CITATIONS
199	Differential Utilization of Trk Autophosphorylation Sites. <i>Journal of Biological Chemistry</i> , 1996, 271, 20175-20181.	3.4	142
200	Interleukin-6 Induces Expression of Peripherin and Cooperates with Trk Receptor Signaling to Promote Neuronal Differentiation in PC12 Cells. <i>Journal of Neurochemistry</i> , 1996, 67, 1365-1374.	3.9	82
201	A conserved amino-terminal Shc domain binds to phosphotyrosine motifs in activated receptors and phosphopeptides. <i>Current Biology</i> , 1995, 5, 404-412.	3.9	173
202	Self-association of interleukin 2 bound to its receptor 1. <i>FASEB Journal</i> , 1995, 9, 1096-1102.	0.5	12
203	Prevention of Apoptotic Neuronal Death by GM1 Ganglioside. <i>Journal of Biological Chemistry</i> , 1995, 270, 3074-3080.	3.4	185
204	Nerve Growth Factor Stimulates Tyrosine Phosphorylation and Activation of Src Homology-containing Protein-tyrosine Phosphatase 1 in PC12 Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 25629-25633.	3.4	50
205	Interaction with TrkA Immobilizes gp75 in the High Affinity Nerve Growth Factor Receptor Complex. <i>Journal of Biological Chemistry</i> , 1995, 270, 2133-2138.	3.4	86
206	Selective Regulation of TrkA and TrkB Receptors by Retinoic Acid and Interferon- β in Human Neuroblastoma Cell Lines. <i>Journal of Biological Chemistry</i> , 1995, 270, 24725-24731.	3.4	53
207	Deletion of a conserved juxtamembrane sequence in Trk abolishes NGF-promoted neuritogenesis. <i>Neuron</i> , 1995, 15, 395-406.	8.1	149
208	Early events in neurotrophin signalling via Trk and p75 receptors. <i>Current Opinion in Neurobiology</i> , 1995, 5, 579-587.	4.2	297
209	The protein kinase encoded by the Akt proto-oncogene is a target of the PDGF-activated phosphatidylinositol 3-kinase. <i>Cell</i> , 1995, 81, 727-736.	28.9	1,938
210	Neurotrophin signal transduction by the Trk receptor. <i>Journal of Neurobiology</i> , 1994, 25, 1404-1417.	3.6	496
211	Trk receptors use redundant signal transduction pathways involving SHC and PLC- β 1 to mediate NGF responses. <i>Neuron</i> , 1994, 12, 691-705.	8.1	520
212	p75 ^N NGFR regulates Trk signal transduction and NGF-induced neuronal differentiation in MAH cells. <i>Neuron</i> , 1994, 12, 733-745.	8.1	348
213	Rapid Phosphorylation of Phospholipase C γ 1 by Brain-Derived Neurotrophic Factor and Neurotrophin-3 in Cultures of Embryonic Rat Cortical Neurons. <i>Journal of Neurochemistry</i> , 1993, 60, 2111-2123.	3.9	84
214	Induction of TrkB by retinoic acid mediates biologic responsiveness to BDNF and differentiation of human neuroblastoma cells. <i>Neuron</i> , 1993, 11, 321-331.	8.1	311
215	Phosphatidylinositol 3-Kinase. <i>Methods in Neurosciences</i> , 1993, 18, 100-112.	0.5	5
216	Neurotrophin-induced trk receptor phosphorylation and cholinergic neuron response in primary cultures of embryonic rat brain neurons. <i>NeuroReport</i> , 1992, 3, 885-888.	1.2	44

#	ARTICLE	IF	CITATIONS
217	Cryptococcal osteomyelitis and cellular immunodeficiency associated with interleukin-2 deficiency. <i>Journal of Pediatrics</i> , 1992, 121, 873-879.	1.8	28
218	Cytometrically detected specific binding of interleukin 2 to cells. <i>Cytokine</i> , 1992, 4, 192-200.	3.2	5
219	K-252b Selectively Potentiates Cellular Actions and trk Tyrosine Phosphorylation Mediated by Neurotrophin-3. <i>Journal of Neurochemistry</i> , 1992, 59, 715-722.	3.9	67
220	Solid phase interleukin 2. <i>Molecular Immunology</i> , 1991, 28, 1255-1261.	2.2	10
221	Phase separation analysis of recombinant interleukin 2. <i>Molecular Immunology</i> , 1991, 28, 99-105.	2.2	11
222	The neurotrophic factors brain-derived neurotrophic factor and neurotrophin-3 are ligands for the trkB tyrosine kinase receptor. <i>Cell</i> , 1991, 65, 895-903.	28.9	800
223	Neurotrophin-5: A novel neurotrophic factor that activates trk and trkB. <i>Neuron</i> , 1991, 7, 857-866.	8.1	812
224	Tyrosine phosphorylation and tyrosine kinase activity of the trk proto-oncogene product induced by NGF. <i>Nature</i> , 1991, 350, 158-160.	27.8	1,026
225	High-affinity NGF binding requires coexpression of the trk proto-oncogene and the low-affinity NGF receptor. <i>Nature</i> , 1991, 350, 678-683.	27.8	1,172
226	The accessory function of B lymphocytes is resistant to the adverse effects of UV radiation. <i>European Journal of Immunology</i> , 1991, 21, 291-297.	2.9	23
227	Regulation of allogeneic responses by expression of CD8 alpha chain on stimulator cells. <i>International Immunology</i> , 1990, 2, 879-883.	4.0	18
228	PDGF β -receptor stimulates tyrosine phosphorylation of GAP and association of GAP with a signaling complex. <i>Cell</i> , 1990, 61, 125-133.	28.9	581
229	Direct activation of the serine/threonine kinase activity of raf-1 through tyrosine phosphorylation by the PDGF β -receptor. <i>Cell</i> , 1989, 58, 649-657.	28.9	552
230	Cover Art of Science. <i>Perspectives in Biology and Medicine</i> , 1988, 31, 185-187.	0.5	0
231	Common elements in growth factor stimulation and oncogenic transformation: 85 kd phosphoprotein and phosphatidylinositol kinase activity. <i>Cell</i> , 1987, 50, 1021-1029.	28.9	708
232	Boundaries of Immune Reactivity: Implications for the Relationship of Man to His Environment. <i>Perspectives in Biology and Medicine</i> , 1987, 31, 42-46.	0.5	1
233	A novel mechanism of immunosuppression mediated by ethanol. <i>Cellular Immunology</i> , 1986, 102, 1-9.	3.0	80
234	Association of phosphatidylinositol kinase activity with polyoma middle-T competent for transformation. <i>Nature</i> , 1985, 315, 239-242.	27.8	845

#	ARTICLE	IF	CITATIONS
235	Expression of polyoma early gene products in E. coli. Nucleic Acids Research, 1985, 13, 501-519.	14.5	42
236	Influenza virus-specific human cytotoxic T cell clones: Heterogeneity in antigenic specificity and restriction by class II MHC products. Cellular Immunology, 1984, 88, 193-206.	3.0	101
237	Immunofluorescence localization of thyroglobulin in metastatic thyroid cancer. Cancer, 1982, 50, 939-945.	4.1	17
238	Differential effects of sublethal irradiation on the humoral immune responses of adult and neonatal mice. Cellular Immunology, 1978, 40, 236-242.	3.0	1
239	Abelson virus-transformed lymphocytes: Null cells that modulate H-2. Cell, 1977, 12, 683-690.	28.9	50