Thomas Curran

List of Publications by Year in descending order

246 papers	56,321 citations	1299 109 h-index	1024 235 g-index
251 all docs	251 docs citations	251 times ranked	28161 citing authors

#	Article	IF	Citations
1	Stimulus-Transcription Coupling in the Nervous System: Involvement of the Inducible Proto-Oncogenes fos and jun. Annual Review of Neuroscience, 1991, 14, 421-451.	5.0	2,558
2	Prediction of central nervous system embryonal tumour outcome based on gene expression. Nature, 2002, 415, 436-442.	13.7	2,154
3	Expression of c-fos protein in brain: metabolic mapping at the cellular level. Science, 1988, 240, 1328-1331.	6.0	1,889
4	Mapping patterns of c-fos expression in the central nervous system after seizure. Science, 1987, 237, 192-197.	6.0	1,743
5	Fos and jun: The AP-1 connection. Cell, 1988, 55, 395-397.	13.5	1,638
6	A protein related to extracellular matrix proteins deleted in the mouse mutant reeler. Nature, 1995, 374, 719-723.	13.7	1,615
7	Redox regulation of fos and jun DNA-binding activity in vitro. Science, 1990, 249, 1157-1161.	6.0	1,560
8	Induction of c-fos gene and protein by growth factors precedes activation of c-myc. Nature, 1984, 312, 716-720.	13.7	1,425
9	A zinc finger-encoding gene coregulated with c-fos during growth and differentiation, and after cellular depolarization. Cell, 1988, 53, 37-43.	13.5	1,246
10	Cross-family dimerization of transcription factors Fos/Jun and ATF/CREB alters DNA binding specificity.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3720-3724.	3.3	1,240
11	Role of ion flux in the control of c-fos expression. Nature, 1986, 322, 552-555.	13.7	997
12	Stimulus-transcription coupling in neurons: role of cellular immediate-early genes. Trends in Neurosciences, 1989, 12, 459-462.	4.2	879
13	Redox activation of Fos-Jun DNA binding activity is mediated by a DNA repair enzyme.. EMBO Journal, 1992, 11, 3323-3335.	3.5	830
14	Continuous c-fos expression precedes programmed cell death in vivo. Nature, 1993, 363, 166-169.	13.7	795
15	Radial glia cells are candidate stem cells of ependymoma. Cancer Cell, 2005, 8, 323-335.	7.7	758
16	The T-cell transcription factor NFATp is a substrate for calcineurin and interacts with Fos and Jun. Nature, 1993, 365, 352-355.	13.7	746
17	Reelin Is a Ligand for Lipoprotein Receptors. Neuron, 1999, 24, 471-479.	3.8	744
18	Fos-associated protein p39 is the product of the jun proto-oncogene. Science, 1988, 240, 1010-1016.	6.0	688

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19	The Genetic Landscape of the Childhood Cancer Medulloblastoma. Science, 2011, 331, 435-439.	6.0	652
20	Common DNA binding site for Fos protein complexesand transcription factor AP-1. Cell, 1988, 52, 471-480.	13.5	639
21	FBJ murine osteosarcoma virus: identification and molecular cloning of biologically active proviral DNA. Journal of Virology, 1982, 44, 674-682.	1.5	636
22	Identification and characterization of Ref-1, a nuclear protein that facilitates AP-1 DNA-binding activity.. EMBO Journal, 1992, 11, 653-665.	3.5	627
23	Role of the Reelin Signaling Pathway in Central Nervous System Development. Annual Review of Neuroscience, 2001, 24, 1005-1039.	5.0	619
24	Genomics Identifies Medulloblastoma Subgroups That Are Enriched for Specific Genetic Alterations. Journal of Clinical Oncology, 2006, 24, 1924-1931.	0.8	617
25	c-fos protein can induce cellular transformation: A novel mechanism of activation of a cellular oncogene. Cell, 1984, 36, 51-60.	13.5	613
26	Parallel association of Fos and Jun leucine zippers juxtaposes DNA binding domains. Science, 1989, 243, 1695-1699.	6.0	608
27	Scrambler and yotari disrupt the disabled gene and produce a reeler -like phenotype in mice. Nature, 1997, 389, 730-733.	13.7	604
28	Analysis of FBJ-MuSV provirus and c-fos (mouse) gene reveals that viral and cellular fos gene products have different carboxy termini. Cell, 1983, 32, 1241-1255.	13.5	587
29	Binding of the Wilms' tumor locus zinc finger protein to the EGR-1 consensus sequence. Science, 1990, 250, 1259-1262.	6.0	568
30	The Fos complex and Fos-related antigens recognize sequence elements that contain AP-1 binding sites. Science, 1988, 239, 1150-1153.	6.0	552
31	Regulation of proenkephalin by Fos and Jun. Science, 1989, 246, 1622-1625.	6.0	551
32	fra-1: a serum-inducible, cellular immediate-early gene that encodes a fos-related antigen.. Molecular and Cellular Biology, 1988, 8, 2063-2069.	1.1	547
33	Viral and cellular fos proteins: A comparative analysis. Cell, 1984, 36, 259-268.	13.5	540
34	Superinduction of c-fos by nerve growth factor in the presence of peripherally active benzodiazepines. Science, 1985, 229, 1265-1268.	6.0	496
35	Regional and Cellular Patterns ofreelinmRNA Expression in the Forebrain of the Developing and Adult Mouse. Journal of Neuroscience, 1998, 18, 7779-7799.	1.7	496
36	Fos and Jun bind cooperatively to the AP-1 site: reconstitution in vitro.. Genes and Development, 1988, 2, 1687-1699.	2.7	495

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37	Suppression of the Shh pathway using a small molecule inhibitor eliminates medulloblastoma in Ptc1+/â˜'p53â˜'/â˜' mice. Cancer Cell, 2004, 6, 229-240.	7.7	491
38	Reelin Is a Secreted Glycoprotein Recognized by the CR-50 Monoclonal Antibody. Journal of Neuroscience, 1997, 17, 23-31.	1.7	489
39	The redox/DNA repair protein, Ref-1, is essential for early embryonic development in mice.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8919-8923.	3.3	477
40	Targeted disruption of NMDA receptor 1 gene abolishes NMDA response and results in neonatal death. Neuron, 1994, 13, 325-338.	3.8	457
41	Complete nucleotide sequence of a human c-onc gene: deduced amino acid sequence of the human c-fos protein.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 3183-3187.	3.3	450
42	Identification of redox/repair protein Ref-1 as a potent activator of p53.. Genes and Development, 1997, 11, 558-570.	2.7	424
43	Isolation of the cyclosporin-sensitive T cell transcription factor NFATp. Science, 1993, 262, 750-754.	6.0	407
44	Recessive resistance to thyroid hormone in mice lacking thyroid hormone receptor beta: evidence for tissue-specific modulation of receptor function.. EMBO Journal, 1996, 15, 3006-3015.	3.5	377
45	Vismodegib Exerts Targeted Efficacy Against Recurrent Sonic Hedgehogâ€"Subgroup Medulloblastoma: Results From Phase II Pediatric Brain Tumor Consortium Studies PBTC-025B and PBTC-032. Journal of Clinical Oncology, 2015, 33, 2646-2654.	0.8	368
46	The Hedgehog's tale: developing strategies for targeting cancer. Nature Reviews Cancer, 2011, 11, 493-501.	12.8	364
47	Dynamic alterations occur in the levels and composition of transcription factor AP-1 complexes after seizure. Neuron, 1989, 3, 359-365.	3.8	356
48	An Enhanced Immune Response in Mice Lacking the Transcription Factor NFAT1. Science, 1996, 272, 892-895.	6.0	356
49	Thyroid hormone receptor Î² is essential for development of auditory function. Nature Genetics, 1996, 13, 354-357.	9.4	350
50	Small Molecule Inhibition of GDC-0449 Refractory Smoothened Mutants and Downstream Mechanisms of Drug Resistance. Cancer Research, 2011, 71, 435-444.	0.4	339
51	Fos-Jun heterodimers and jun homodimers bend DNA in opposite orientations: Implications for transcription factor cooperativity. Cell, 1991, 66, 317-326.	13.5	337
52	The redox and DNA-repair activities of Ref-1 are encoded by nonoverlapping domains.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 23-27.	3.3	337
53	Glutamate receptor agonists increase the expression of Fos, Fra, and AP-1 DNA binding activity in the mammalian brain. Journal of Neuroscience Research, 1989, 24, 72-80.	1.3	333
54	Induction of c-fos during myelomonocytic differentiation and macrophage proliferation. Nature, 1985, 314, 546-548.	13.7	332

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55	Fos: An immediate-early transcription factor in neurons. Journal of Neurobiology, 1995, 26, 403-412.	3.7	329
56	The product of a fos-related gene, fra-1, binds cooperatively to the AP-1 site with Jun: transcription factor AP-1 is comprised of multiple protein complexes.. Genes and Development, 1989, 3, 173-184.	2.7	308
57	Regulation of c-fos expression in transgenic mice requires multiple interdependent transcription control elements. Neuron, 1995, 14, 241-252.	3.8	301
58	Structure of the FBJ murine osteosarcoma virus genome: molecular cloning of its associated helper virus and the cellular homolog of the v-fos gene from mouse and human cells.. Molecular and Cellular Biology, 1983, 3, 914-921.	1.1	281
59	Viral and cellular fos proteins are complexed with a 39,000-dalton cellular protein.. Molecular and Cellular Biology, 1985, 5, 167-172.	1.1	265
60	Role of reelin in the control of brain development1Published on the World Wide Web on 21 October 1997.1. Brain Research Reviews, 1998, 26, 285-294.	9.1	250
61	Expression and purification of the leucine zipper and DNA-binding domains of Fos and Jun: both Fos and Jun contact DNA directly.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1032-1036.	3.3	247
62	Stimulation and inhibition of growth by EGF in different A431 cell clones is accompanied by the rapid induction of c-fos and c-myc proto-oncogenes.. EMBO Journal, 1985, 4, 1193-1197.	3.5	240
63	Fos-lacZ transgenic mice: Mapping sites of gene induction in the central nervous system. Neuron, 1992, 8, 13-23.	3.8	239
64	Memories offos. BioEssays, 1987, 7, 255-258.	1.2	236
65	Role of DNA 5-Methylcytosine Transferase in Cell Transformation by fos. Science, 1999, 283, 387-390.	6.0	231
66	Activation of AP-1 and of a nuclear redox factor, Ref-1, in the response of HT29 colon cancer cells to hypoxia.. Molecular and Cellular Biology, 1994, 14, 5997-6003.	1.1	228
67	Proto-oncogene transcription factors and epilepsy. Trends in Pharmacological Sciences, 1991, 12, 343-349.	4.0	220
68	Removal of a 67-base-pair sequence in the noncoding region of protooncogene fos converts it to a transforming gene.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 4987-4991.	3.3	215
69	Transcriptional activation and repression by Fos are independent functions: the C terminus represses immediate-early gene expression via CArG elements.. Molecular and Cellular Biology, 1990, 10, 4243-4255.	1.1	214
70	The Fos protein complex is associated with DNA in isolated nuclei and binds to DNA cellulose. Science, 1986, 234, 1417-1419.	6.0	206
71	Altered protein conformation on DNA binding by Fos and Jun. Nature, 1990, 347, 572-575.	13.7	204
72	Fos and Jun repress transcription activation by NF-IL6 through association at the basic zipper region.. Molecular and Cellular Biology, 1994, 14, 268-276.	1.1	204

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73	Loss of suppressor-of-fused function promotes tumorigenesis. Oncogene, 2007, 26, 6442-6447.	2.6	204
74	Transient Inhibition of the Hedgehog Pathway in Young Mice Causes Permanent Defects in Bone Structure. Cancer Cell, 2008, 13, 249-260.	7.7	204
75	BGEM: An In Situ Hybridization Database of Gene Expression in the Embryonic and Adult Mouse Nervous System. PLoS Biology, 2006, 4, e86.	2.6	203
76	DNA bending by Fos and Jun: the flexible hinge model. Science, 1991, 254, 1210-1214.	6.0	201
77	Transcriptional regulation by Fos and Jun in vitro: interaction among multiple activator and regulatory domains.. Molecular and Cellular Biology, 1991, 11, 3624-3632.	1.1	197
78	Rescue of Ataxia and Preplate Splitting by Ectopic Expression of Reelin in reeler Mice. Neuron, 2002, 33, 573-586.	3.8	196
79	Coordinate occupancy of AP-1 sites in the vitamin D-responsive and CCAAT box elements by Fos-Jun in the osteocalcin gene: model for phenotype suppression of transcription.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 9990-9994.	3.3	194
80	Phase I Study of Vismodegib in Children with Recurrent or Refractory Medulloblastoma: A Pediatric Brain Tumor Consortium Study. Clinical Cancer Research, 2013, 19, 6305-6312.	3.2	180
81	Reelin Regulates the Development and Synaptogenesis of the Layer-Specific Entorhino-Hippocampal Connections. Journal of Neuroscience, 1999, 19, 1345-1358.	1.7	178
82	Candidate product of the FBJ murine osteosarcoma virus oncogene: characterization of a 55,000-dalton phosphoprotein. Journal of Virology, 1982, 42, 114-122.	1.5	176
83	Immediate-early genes: ten years on. Trends in Neurosciences, 1995, 18, 66-67.	4.2	175
84	Disabled-1 Binds to the Cytoplasmic Domain of Amyloid Precursor-Like Protein 1. Journal of Neuroscience, 1999, 19, 7507-7515.	1.7	171
85	Calcium as a modulator of the immediate-early gene cascade in neurons. Cell Calcium, 1988, 9, 303-311.	1.1	168
86	Fos is a preferential target of glucocorticoid receptor inhibition of AP-1 activity in vitro.. Molecular and Cellular Biology, 1993, 13, 3782-3791.	1.1	166
87	Induction of c-fos mRNA Expression by Afterdischarge in the Hippocampus of Naive and Kindled Rats. Journal of Neurochemistry, 1990, 55, 1050-1055.	2.1	164
88	Selective DNA bending by a variety of bZIP proteins.. Molecular and Cellular Biology, 1993, 13, 5479-5489.	1.1	157
89	Hedgehog signaling regulates the generation of ameloblast progenitors in the continuously growing mouse incisor. Development (Cambridge), 2010, 137, 3753-3761.	1.2	155
90	Thyroid Hormone Regulates reelin and dab1Expression During Brain Development. Journal of Neuroscience, 1999, 19, 6979-6993.	1.7	150

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91	Kainic acid-induced neuronal death is associated with DNA damage and a unique immediate-early gene response in c-fos-lacZ transgenic rats. Journal of Neuroscience, 1995, 15, 4238-4249.	1.7	149
92	A molecular fingerprint for medulloblastoma. Cancer Research, 2003, 63, 5428-37.	0.4	149
93	Cerebellar Disorganization Characteristic of Reeler in Scrambler Mutant Mice Despite Presence of Reelin. Journal of Neuroscience, 1997, 17, 8767-8777.	1.7	148
94	Shh Pathway Activity Is Down-Regulated in Cultured Medulloblastoma Cells: Implications for Preclinical Studies. Cancer Research, 2006, 66, 4215-4222.	0.4	147
95	Crk and Crk-Like Play Essential Overlapping Roles Downstream of Disabled-1 in the Reelin Pathway. Journal of Neuroscience, 2008, 28, 13551-13562.	1.7	143
96	Microinjection of transforming ras protein induces c-fos expression.. Molecular and Cellular Biology, 1987, 7, 523-527.	1.1	141
97	Targeting Medulloblastoma: Small-Molecule Inhibitors of the Sonic Hedgehog Pathway as Potential Cancer Therapeutics. Cancer Research, 2005, 65, 4975-4978.	0.4	140
98	Gli1 is important for medulloblastoma formation in Ptc1+/â˜ mice. Oncogene, 2005, 24, 4026-4036.	2.6	137
99	Mutant mice with scrambled brains: understanding the signaling pathways that control cell positioning in the CNS. Genes and Development, 1999, 13, 2758-2773.	2.7	137
100	Jun is phosphorylated by several protein kinases at the same sites that are modified in serum-stimulated fibroblasts.. Molecular and Cellular Biology, 1992, 12, 4694-4705.	1.1	134
101	The tumor suppressors Ink4c and p53 collaborate independently with Patched to suppress medulloblastoma formation. Genes and Development, 2005, 19, 2656-2667.	2.7	133
102	Reeler: new tales on an old mutant mouse. BioEssays, 1998, 20, 235-244.	1.2	131
103	Transcription factor interactions: basics on zippers. Current Opinion in Structural Biology, 1991, 1, 71-79.	2.6	127
104	FBR murine osteosarcoma virus II. Nucleotide sequence of the provirus reveals that the genome contains sequences acquired from two cellular genes. Virology, 1984, 135, 229-243.	1.1	126
105	The human reelin gene: isolation, sequencing, and mapping on chromosome 7.. Genome Research, 1997, 7, 157-164.	2.4	124
106	Deletion of Shp2 in the Brain Leads to Defective Proliferation and Differentiation in Neural Stem Cells and Early Postnatal Lethality. Molecular and Cellular Biology, 2007, 27, 6706-6717.	1.1	124
107	Identification of Reelin-induced Sites of Tyrosyl Phosphorylation on Disabled 1. Journal of Biological Chemistry, 2001, 276, 16008-16014.	1.6	122
108	The Reelin Pathway Modulates the Structure and Function of Retinal Synaptic Circuitry. Neuron, 2001, 31, 929-941.	3.8	121

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109	Crystal Structures of the Dab Homology Domains of Mouse Disabled 1 and 2. Journal of Biological Chemistry, 2003, 278, 36572-36581.	1.6	117
110	THE HEDGEHOG PATHWAY AND NEUROLOGICAL DISORDERS. Annual Review of Neuroscience, 2006, 29, 539-563.	5.0	107
111	Mouse embryos cloned from brain tumors. Cancer Research, 2003, 63, 2733-6.	0.4	105
112	FBR murine osteosarcoma virus I. Molecular analysis and characterization of a 75,000-Da gag-fos fusion product. Virology, 1984, 135, 218-228.	1.1	104
113	Identification of a 39,000-dalton protein in cells transformed by the FBJ murine osteosarcoma virus. Virology, 1982, 116, 221-235.	1.1	103
114	Activation of the transforming potential of the human fos proto-oncogene requires message stabilization and results in increased amounts of partially modified fos protein.. Molecular and Cellular Biology, 1988, 8, 5521-5527.	1.1	100
115	Cyclin-Dependent Kinase 5 Phosphorylates Disabled 1 Independently of Reelin Signaling. Journal of Neuroscience, 2002, 22, 4869-4877.	1.7	100
116	Binding of purified Reelin to ApoER2 and VLDLR mediates tyrosine phosphorylation of Disabled-1. Molecular Brain Research, 2003, 112, 33-45.	2.5	100
117	Barium modulates c-fos expression and post-translational modification.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8521-8524.	3.3	99
118	Cell transformation by c-fos requires an extended period of expression and is independent of the cell cycle.. Molecular and Cellular Biology, 1994, 14, 4295-4310.	1.1	97
119	Disabled-1 is expressed in type AII amacrine cells in the mouse retina. Journal of Comparative Neurology, 2000, 424, 327-338.	0.9	95
120	Patched2 Modulates Tumorigenesis in Patched1 Heterozygous Mice. Cancer Research, 2006, 66, 6964-6971.	0.4	95
121	Dok-7 regulates neuromuscular synapse formation by recruiting Crk and Crk-L. Genes and Development, 2010, 24, 2451-2461.	2.7	93
122	Crk1/2-dependent signaling is necessary for podocyte foot process spreading in mouse models of glomerular disease. Journal of Clinical Investigation, 2012, 122, 674-692.	3.9	92
123	Expression of c-fos in NIH3T3 cells is very low but inducible throughout the cell cycle.. EMBO Journal, 1986, 5, 695-700.	3.5	89
124	Thyrotropin Regulation by Thyroid Hormone in Thyroid Hormone Receptor Î²-Deficient Mice¹. Endocrinology, 1997, 138, 3624-3629.	1.4	89
125	Menin Epigenetically Represses Hedgehog Signaling in MEN1 Tumor Syndrome. Cancer Research, 2013, 73, 2650-2658.	0.4	87
126	Detection of the reelin breakpoint in reeler mice. Molecular Brain Research, 1996, 39, 234-236.	2.5	86

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127	Fos and jun cooperate in transcriptional regulation via heterologous activation domains.. Molecular and Cellular Biology, 1990, 10, 5532-5535.	1.1	84
128	Regulation of a fos-lacZ fusion gene: a paradigm for quantitative analysis of stimulus-transcription coupling.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5665-5669.	3.3	84
129	Cardiovascular and Craniofacial Defects in Crk- Null Mice. Molecular and Cellular Biology, 2006, 26, 6272-6282.	1.1	82
130	Immediate-early genes: ten years on. Trends in Neurosciences, 1995, 18, 66-67.	4.2	79
131	Extended life span and tumorigenicity of nonestablished mouse connective tissue cells transformed by the fos oncogene of FBR-MuSV. Cell, 1985, 41, 629-637.	13.5	78
132	Identification of a Novel c-Myc Protein Interactor, JPO2, with Transforming Activity in Medulloblastoma Cells. Cancer Research, 2005, 65, 5607-5619.	0.4	72
133	Fos-Like Immunoreactivity Induced by Seizure in Mice Is Specifically Associated With Euchromatin in Neurons. European Journal of Neuroscience, 1989, 1, 46-52.	1.2	69
134	Dysfunctions in Mice by NMDA Receptor Point Mutations NR1(N598Q) and NR1(N598R). Journal of Neuroscience, 2000, 20, 2558-2566.	1.7	68
135	Transcription repression in oncogenic transformation: common targets of epigenetic repression in cells transformed by Fos, Ras or Dnmt1. Oncogene, 2004, 23, 3737-3748.	2.6	68
136	Energy transfer analysis of Fos-Jun dimerization and DNA binding.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 7360-7364.	3.3	67
137	Tyrosine phosphorylated Disabled 1 recruits Crk family adapter proteins. Biochemical and Biophysical Research Communications, 2004, 318, 204-212.	1.0	67
138	Differential Binding of Ligands to the Apolipoprotein E Receptor 2â€. Biochemistry, 2003, 42, 9355-9364.	1.2	66
139	Dimerization and DNA binding alter phosphorylation of Fos and Jun.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6766-6770.	3.3	63
140	Glucocorticoid Compounds Modify Smoothened Localization and Hedgehog Pathway Activity. Chemistry and Biology, 2012, 19, 972-982.	6.2	62
141	Chapter 24 Inducible proto-oncogenes of the nervous system: their contribution to transcription factors and neuroplasticity. Progress in Brain Research, 1990, 86, 287-294.	0.9	60
142	Zen and the art of Fos and Jun. Nature, 1995, 373, 199-200.	13.7	60
143	Cysteine 64 of Ref-1 Is Not Essential for Redox Regulation of AP-1 DNA Binding. Molecular and Cellular Biology, 2003, 23, 4257-4266.	1.1	60
144	Developmental expression of thyroid hormone receptor Î²2 protein in cone photoreceptors in the mouse. NeuroReport, 2009, 20, 627-631.	0.6	59

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145	Reelin mRNA expression during embryonic brain development in the chick. Journal of Comparative Neurology, 2000, 422, 448-463.	0.9	57
146	Transient induction of c-fos and c-myc in an immediate consequence of growth factor stimulation. Cancer Surveys, 1985, 4, 655-81.	1.5	57
147	Isolation of an allele of reeler by insertional mutagenesis.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 11050-11054.	3.3	55
148	Redox Regulation of Ap-1. Advances in Experimental Medicine and Biology, 1996, , 69-75.	0.8	55
149	Design of a "minimAl" homeodomain: the N-terminal arm modulates DNA binding affinity and stabilizes homeodomain structure.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8373-8377.	3.3	52
150	Functional NMDA Receptors Are Transiently Active and Support the Survival of Purkinje Cells in Culture. Journal of Neuroscience, 1996, 16, 4651-4661.	1.7	51
151	Ubiquitinylation of Transcription Factors c-Jun and c-Fos Using Reconstituted Ubiquitinylating Enzymes. Journal of Biological Chemistry, 1996, 271, 4930-4936.	1.6	49
152	The transcription activation domains of Fos and Jun induce DNA bending through electrostatic interactions. EMBO Journal, 1997, 16, 2907-2916.	3.5	48
153	Disabled-1 Interacts with a Novel Developmentally Regulated Protocadherin. Biochemical and Biophysical Research Communications, 2001, 289, 539-547.	1.0	48
154	Statins Synergize with Hedgehog Pathway Inhibitors for Treatment of Medulloblastoma. Clinical Cancer Research, 2018, 24, 1375-1388.	3.2	46
155	CRK proteins selectively regulate T cell migration into inflamed tissues. Journal of Clinical Investigation, 2015, 125, 1019-1032.	3.9	46
156	Astrocytes Promote Medulloblastoma Progression through Hedgehog Secretion. Cancer Research, 2017, 77, 6692-6703.	0.4	45
157	Cortical development: Cdk5 gets into sticky situations. Current Biology, 2000, 10, R331-R334.	1.8	44
158	Calcium and Proto-Oncogene Involvement in the Immediate-Early Response in the Nervous System. Annals of the New York Academy of Sciences, 1989, 568, 283-290.	1.8	43
159	The fos gene product undergoes extensive post-translational modification in eukaryotic but not in prokaryotic cells. Gene, 1986, 43, 69-77.	1.0	40
160	Temporal and spatial expression of a fos-lacZ transgene in the developing nervous system. Molecular Brain Research, 1992, 16, 158-162.	2.5	39
161	Fos-Jun Dimerization Promotes Interaction of the Basic Region with TFIIE-34 and TFIIF. Molecular and Cellular Biology, 1996, 16, 2110-2118.	1.1	37
162	Medulloblastomas Derived from Cxcr6 Mutant Mice Respond to Treatment with a Smoothened Inhibitor. Cancer Research, 2007, 67, 3871-3877.	0.4	37

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163	Crk1/2 and CrkL form a hetero-oligomer and functionally complement each other during podocyte morphogenesis. Kidney International, 2014, 85, 1382-1394.	2.6	37
164	Inducible Proto-oncogene Transcription Factors: Third Messengers in the Brain?. Cold Spring Harbor Symposia on Quantitative Biology, 1990, 55, 225-234.	2.0	37
165	Genomic answers for children: Dynamic analyses of >1000 pediatric rare disease genomes. Genetics in Medicine, 2022, 24, 1336-1348.	1.1	37
166	Selective Activation of Calcium Permeability by Aspartate in Purkinje Cells. Science, 1996, 273, 1112-1114.	6.0	36
167	Generation of a Mouse Model of Atypical Teratoid/Rhabdoid Tumor of the Central Nervous System through Combined Deletion of Snf5 and p53. Cancer Research, 2015, 75, 4629-4639.	0.4	36
168	A central role for Fos in human B- and T-cell NFAT (nuclear factor of activated T cells): an acidic region is required for in vitro assembly.. Molecular and Cellular Biology, 1994, 14, 6886-6895.	1.1	34
169	Audiogenic seizure susceptibility in thyroid hormone receptor Î²-deficient mice. NeuroReport, 2001, 12, 2359-2362.	0.6	34
170	Crossed signals: oncogenic transcription factors. Current Opinion in Genetics and Development, 1992, 2, 19-27.	1.5	33
171	c-Jun stimulates origin-dependent DNA unwinding by polyomavirus large Tantigen.. EMBO Journal, 1996, 15, 5636-5646.	3.5	32
172	Interaction of Disabled-1 and the GTPase activating protein Dab2IP in mouse brain. Molecular Brain Research, 2003, 115, 121-129.	2.5	30
173	The adaptor protein CRK is a pro-apoptotic transducer of endoplasmic reticulum stress. Nature Cell Biology, 2012, 14, 87-92.	4.6	30
174	Essential roles of Crk and CrkL in fibroblast structure and motility. Oncogene, 2014, 33, 5121-5132.	2.6	30
175	The Ketogenic Diet Does Not Affect Growth of Hedgehog Pathway Medulloblastoma in Mice. PLoS ONE, 2015, 10, e0133633.	1.1	30
176	N-terminal variants of thyroid hormone receptor beta: differential function and potential contribution to syndrome of resistance to thyroid hormone.. Molecular Endocrinology, 1995, 9, 1202-1213.	3.7	29
177	Brain development: Integrins and the Reelin pathway. Current Biology, 2001, 11, R1032-R1035.	1.8	29
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