Edward B Ziff

List of Publications by Year
in descending order

97 papers	13,520 citations	44069 48 h-index	37204 96 g-index
101 all docs	101 docs citations	101 times ranked	8377 citing authors

#	Article	IF	Citations
1	Stimulation of 3T3 cells induces transcription of the c-fos proto-oncogene. Nature, 1984, 311, 433-438.	27.8	3,227
2	Recognition by Max of its cognate DNA through a dimeric b/HLH/Z domain. Nature, 1993, 363, 38-45.	27.8	727
3	Association of Myn, the murine homolog of Max, with c-Myc stimulates methylation-sensitive DNA binding and ras cotransformation. Cell, 1991, 65, 395-407.	28.9	594
4	Adenovirus E1a proteins repress transcription from the SV40 early promoter. Cell, 1985, 40, 705-716.	28.9	453
5	Coincidence of the promoter and capped 5â€² terminus of RNA from the adenovirus 2 major late transcription unit. Cell, 1978, 15, 1463-1475.	28.9	442
6	Enlightening the Postsynaptic Density. Neuron, 1997, 19, 1163-1174.	8.1	364
7	Promoters and heterogeneous 5â€² termini of the messenger RNAs of adenovirus serotype 2. Journal of Molecular Biology, 1981, 149, 189-221.	4.2	338
8	RNA Editing at Arg607 Controls AMPA Receptor Exit from the Endoplasmic Reticulum. Neuron, 2002, 34, 759-772.	8.1	315
9	PICK1 Targets Activated Protein Kinase CÎ± to AMPA Receptor Clusters in Spines of Hippocampal Neurons and Reduces Surface Levels of the AMPA-Type Glutamate Receptor Subunit 2. Journal of Neuroscience, 2001, 21, 5417-5428.	3.6	306
10	AMPA Receptor Tetramerization Is Mediated by Q/R Editing. Neuron, 2003, 40, 763-774.	8.1	286
11	Leucine zippers of fos, jun and GCN4 dictate dimerization specificity and thereby control DNA binding. Nature, 1989, 340, 568-571.	27.8	281
12	Receptor trafficking and the plasticity of excitatory synapses. Current Opinion in Neurobiology, 2002, 12, 279-286.	4.2	279
13	Mutagenesis Reveals a Role for ABP/GRIP Binding to GluR2 in Synaptic Surface Accumulation of the AMPA Receptor. Neuron, 2000, 27, 313-325.	8.1	275
14	Identification and Verification of Novel Rodent Postsynaptic Density Proteins. Molecular and Cellular Proteomics, 2004, 3, 857-871.	3.8	275
15	Transcripts from the adenovirus-2 major late promoter yield a single early family of 3â€² coterminal mRNAs and five late families. Cell, 1980, 22, 905-916.	28.9	265
16	Transcription and RNA processing by the DNA tumour viruses. Nature, 1980, 287, 491-499.	27.8	257
17	Transcription factors: a new family gathers at the cAMP response site. Trends in Genetics, 1990, 6, 69-72.	6.7	248
18	The initiation sites for RNA transcription in Ad2 DNA. Cell, 1977, 12, 733-740.	28.9	239

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19	PICK1 Interacts with ABP/GRIP to Regulate AMPA Receptor Trafficking. Neuron, 2005, 47, 407-421.	8.1	203
20	NSF ATPase and Î±-/Î²-SNAPs Disassemble the AMPA Receptor-PICK1 Complex. Neuron, 2002, 34, 53-67.	8.1	188
21	Molecular determinants of AMPA receptor subunit assembly. Trends in Neurosciences, 2007, 30, 407-416.	8.6	169
22	A GluR1-cGKII Interaction Regulates AMPA Receptor Trafficking. Neuron, 2007, 56, 670-688.	8.1	166
23	Direct determination of DNA nucleotide sequences: Structure of a fragment of bacteriophage ÏtX174 DNA. Journal of Molecular Biology, 1974, 87, 377-407.	4.2	153
24	Structure of the gene encoding Peripherin, an NGF-regulated neuronal-specific type III intermediate filament protein. Neuron, 1989, 2, 1043-1053.	8.1	151
25	A Single Subanesthetic Dose of Ketamine Relieves Depression-like Behaviors Induced by Neuropathic Pain in Rats. Anesthesiology, 2011, 115, 812-821.	2.5	148
26	Transcription factors in melanocyte development: distinct roles for Pax-3 and Mitf. Mechanisms of Development, 2001, 101, 47-59.	1.7	147
27	Transactivation of c-fos and Î²-actin genes by raf as a step in early response to transmembrane signals. Nature, 1990, 344, 463-466.	27.8	145
28	Biphasic Coupling of Neuronal Nitric Oxide Synthase Phosphorylation to the NMDA Receptor Regulates AMPA Receptor Trafficking and Neuronal Cell Death. Journal of Neuroscience, 2007, 27, 3445-3455.	3.6	143
29	TARPs and the AMPA Receptor Trafficking Paradox. Neuron, 2007, 53, 627-633.	8.1	123
30	Bidirectional Regulation of Neuronal Nitric-oxide Synthase Phosphorylation at Serine 847 by the N-Methyl-d-aspartate Receptor. Journal of Biological Chemistry, 2004, 279, 14307-14314.	3.4	121
31	Calcium-Permeable AMPA Receptors in the Nucleus Accumbens Regulate Depression-Like Behaviors in the Chronic Neuropathic Pain State. Journal of Neuroscience, 2013, 33, 19034-19044.	3.6	120
32	Serotonin Mediates Cross-Modal Reorganization of Cortical Circuits. Neuron, 2011, 69, 780-792.	8.1	119
33	Activity-dependent AIDA-1 nuclear signaling regulates nucleolar numbers and protein synthesis in neurons. Nature Neuroscience, 2007, 10, 427-435.	14.8	105
34	Calcineurin Mediates Synaptic Scaling Via Synaptic Trafficking of Ca2+-Permeable AMPA Receptors. PLoS Biology, 2014, 12, e1001900.	5.6	101
35	Developmentally Regulated, Combinatorial RNA Processing Modulates AMPA Receptor Biogenesis. Neuron, 2006, 51, 85-97.	8.1	99
36	Membrane Localization of Membrane Type 5 Matrix Metalloproteinase by AMPA Receptor Binding Protein and Cleavage of Cadherins. Journal of Neuroscience, 2006, 26, 2300-2312.	3.6	95

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37	The expression of the neuronal intermediate filament protein peripherin in the rat embryo. Developmental Brain Research, 1990, 57, 235-248.	1.7	94
38	Synaptic Anchorage of AMPA Receptors by Cadherins through Neural Plakophilin-Related Arm Protein AMPA Receptor-Binding Protein Complexes. Journal of Neuroscience, 2007, 27, 8505-8516.	3.6	90
39	Sucrose withdrawal induces depression and anxiety-like behavior by Kir2.1 upregulation in the nucleus accumbens. Neuropharmacology, 2018, 130, 10-17.	4.1	85
40	RNA structures near poly(A) of adenovirus-2 late messenger RNAs. Journal of Molecular Biology, 1978, 124, 27-51.	4.2	74
41	Ca2+-dependent Formation of a Dynamin-Synaptophysin Complex. Journal of Biological Chemistry, 2002, 277, 9010-9015.	3.4	70
42	AP-1, CREB and CBP transcription factors differentially regulate the tyrosine hydroxylase gene. Molecular Brain Research, 1998, 55, 101-114.	2.3	65
43	Ephrin-A5 and EphA5 Interaction Induces Synaptogenesis during Early Hippocampal Development. PLoS ONE, 2010, 5, e12486.	2.5	63
44	DNA-binding motif. Nature, 1989, 341, 392-392.	27.8	62
45	Synaptic Autoregulation by Metalloproteases and Î³-Secretase. Journal of Neuroscience, 2011, 31, 12083-12093.	3.6	59
46	Mxi1 Is a Repressor of the c-myc Promoter and Reverses Activation by USF. Journal of Biological Chemistry, 1999, 274, 595-606.	3.4	57
47	NMDA receptor regulation of nNOS phosphorylation and induction of neuron death. Neurobiology of Aging, 2003, 24, 1123-1133.	3.1	52
48	Elevated c-myc Expression in Childhood Medulloblastomas. Pediatric Research, 1990, 28, 63-64.	2.3	49
49	Chemical transformation of 4-thiouracil nucleosides to uracil and cytosine counterparts. Journal of the American Chemical Society, 1968, 90, 7338-7342.	13.7	47
50	<scp>mG</scp> luR longâ€term depression regulates GluA2 association with <scp>COPII</scp> vesicles and exit from the endoplasmic reticulum. EMBO Journal, 2017, 36, 232-244.	7.8	42
51	Poly(A) sites of adenovirus serotype 2 transcription units. Journal of Molecular Biology, 1982, 155, 207-233.	4.2	41
52	Role of NMDA receptor functional domains in excitatory cell death. Neuropharmacology, 2000, 39, 2255-2266.	4.1	40
53	Differential spatial and temporal expression of two type III intermediate filament proteins in olfactory receptor neurons. Neuron, 1991, 7, 485-497.	8.1	39
54	Network compensation of cyclic GMP-dependent protein kinase II knockout in the hippocampus by Ca ²⁺ -permeable AMPA receptors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3122-3127.	7.1	39

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55	Persistent pain alters AMPA receptor subunit levels in the nucleus accumbens. Molecular Brain, 2015, 8, 46.	2.6	38
56	Trafficking of Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptor (AMPA) Receptor Subunit GluA2 from the Endoplasmic Reticulum Is Stimulated by a Complex Containing Ca2+/Calmodulin-activated Kinase II (CaMKII) and PICK1 Protein and by Release of Ca2+ from Internal Stores. Journal of Biological Chemistry, 2014, 289, 19218-19230.	3.4	37
57	Reduction of increased calcineurin activity rescues impaired homeostatic synaptic plasticity in presenilin 1 M146V mutant. Neurobiology of Aging, 2015, 36, 3239-3246.	3.1	37
58	Regulation of AMPA receptor trafficking and exit from the endoplasmic reticulum. Molecular and Cellular Neurosciences, 2018, 91, 3-9.	2.2	34
59	Sucrose Ingestion Induces Rapid AMPA Receptor Trafficking. Journal of Neuroscience, 2013, 33, 6123-6132.	3.6	31
60	Limonene reduces hyperalgesia induced by gp120 and cytokines by modulation of IL-1 Î² and protein expression in spinal cord of mice. Life Sciences, 2017, 174, 28-34.	4.3	30
61	Dynamic interactions ofc-fos protein in serum-stimulated 3T3 cells. Journal of Cellular Physiology, 1989, 138, 493-502.	4.1	28
62	Pediatric Brain Tumors Express Multiple Receptor Tyrosine Kinases Including Novel Cell Adhesion Kinases. Pediatric Neurosurgery, 1996, 25, 64-72.	0.7	28
63	Stable synaptic retention of serine-880-phosphorylated GluR2 in hippocampal neurons. Molecular and Cellular Neurosciences, 2008, 38, 189-202.	2.2	27
64	Direct determination of DNA nucleotide sequences. Structure of large specific fragments of bacteriophage Ï†X174 DNA. Journal of Molecular Biology, 1976, 107, 391-416.	4.2	26
65	Regulation of synaptic structure and function by palmitoylated AMPA receptor binding protein. Molecular and Cellular Neurosciences, 2010, 43, 341-352.	2.2	26
66	Effects of food restriction and sucrose intake on synaptic delivery of AMPA receptors in nucleus accumbens. Synapse, 2011, 65, 1024-1031.	1.2	24
67	Recent Excitement in the Ionotropic Glutamate Receptor Field. Annals of the New York Academy of Sciences, 1999, 868, 465-473.	3.8	23
68	Cell-Density-Dependent Regulation of Expression and Glycosylation of Dopachrome Tautomerase/Tyrosinase-Related Protein-2. Journal of Investigative Dermatology, 2000, 115, 106-112.	0.7	23
69	Spatial memory deficits and motor coordination facilitation in cGMP-dependent protein kinase type II-deficient mice. Neurobiology of Learning and Memory, 2013, 99, 32-37.	1.9	22
70	Gene regulation: Repression of activators. Nature, 1984, 312, 594-595.	27.8	21
71	Locating 4-thiouridylate in the primary structure of transfer ribonucleic acids. Biochemistry, 1969, 8, 3242-3248.	2.5	20
72	Dominant negative mutants of Myc inhibit cooperation of both Myc and adenovirus serotype-5 E1a with Ras. Journal of Cellular Physiology, 1996, 167, 95-105.	4.1	20

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73	Contribution of spathulenol to the anti-nociceptive effects of Psidium guineense. Nutritional Neuroscience, 2022, 25, 812-822.	3.1	20
74	Phosphorylation of the AMPA receptor subunit GluA1 regulates clathrin-mediated receptor internalization. Journal of Cell Science, 2021, 134, .	2.0	20
75	cGMP-dependent protein kinase type II knockout mice exhibit working memory impairments, decreased repetitive behavior, and increased anxiety-like traits. Neurobiology of Learning and Memory, 2014, 114, 32-39.	1.9	19
76	Ca2+-permeable AMPA (Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid) Receptors and Dopamine D1 Receptors Regulate GluA1 Trafficking in Striatal Neurons. Journal of Biological Chemistry, 2013, 288, 35297-35306.	3.4	18
77	Lithium increases synaptic GluA2 in hippocampal neurons byÂelevating the Î´-catenin protein. Neuropharmacology, 2017, 113, 426-433.	4.1	17
78	A role for cGMP-dependent protein kinase II in AMPA receptor trafficking and synaptic plasticity. Channels, 2008, 2, 230-232.	2.8	16
79	Analysis of human neuropeptide FF gene expression. Journal of Neurochemistry, 2002, 82, 1330-1342.	3.9	15
80	Differential effects of natural rewards and pain on vesicular glutamate transporter expression in the nucleus accumbens. Molecular Brain, 2013, 6, 32.	2.6	15
81	Socioeconomic disadvantage increasing risk for depression among recently diagnosed HIV patients in an urban area in Brazil: cross-sectional study. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2015, 27, 979-985.	1.2	15
82	The type II cGMP dependent protein kinase regulates GluA1 levels at the plasma membrane of developing cerebellar granule cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1820-1831.	4.1	14
83	Splicing in Adenovirus and Other Animal Viruses. International Review of Cytology, 1985, 93, 327-358.	6.2	13
84	Association of the AMPA receptor-related postsynaptic density proteins GRIP and ABP with subsets of glutamate-sensitive neurons in the rat retina. Journal of Comparative Neurology, 2002, 449, 129-140.	1.6	12
85	Identification of transcriptional regulators of neuropeptide FF gene expression. Peptides, 2006, 27, 1020-1035.	2.4	11
86	Involvement of nucleus accumbens AMPA receptor trafficking in augmentation of D- amphetamine reward in food-restricted rats. Psychopharmacology, 2014, 231, 3055-3063.	3.1	11
87	Brain region-specific effects of cGMP-dependent kinase II knockout on AMPA receptor trafficking and animal behavior. Learning and Memory, 2016, 23, 435-441.	1.3	11
88	Defective Processing of Human Adenovirus 2 Late Transcription Unit mRNAs during Abortive Infections in Monkey Cells. Virology, 1994, 202, 107-115.	2.4	10
89	AMPA Receptor Forms a Biochemically Functional Complex with NSF and alpha- and beta-SNAPs. Annals of the New York Academy of Sciences, 1999, 868, 558-560.	3.8	9
90	Regulation of cell proliferation and differentiation by Myc. Journal of Cell Science, 1995, 1995, 85-89.	2.0	8

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91	EphB2 gets a GRIP on the dendritic arbor. Nature Neuroscience, 2005, 8, 848-850.	14.8	8
92	Deregulated messenger RNA expression during T cell apoptosis. Nucleic Acids Research, 1995, 23, 4857-4863.	14.5	7
93	Getting to synaptic complexes through systems biology. Genome Biology, 2006, 7, 214.	9.6	7
94	Protein synthesis inhibition promotes nitric oxide generation and activation of CGKII-dependent downstream signaling pathways in the retina. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118732.	4.1	6
95	Animal Models for Depression Associated with HIV-1 Infection. Journal of NeuroImmune Pharmacology, 2014, 9, 195-208.	4.1	5
96	To the Nucleus with Proteomics. , 2008, , 27-50.		2
97	Natural Products as Sources of New Analgesic Drugs. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-2.	1.2	0