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	Contribution of spathulenol to the anti-nociceptive effects of <i>Psidium guineense</i>. Nutritional Neuroscience, 2022, 25, 812-822.	3.1	20
2	Natural Products as Sources of New Analgesic Drugs. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-2.	1.2	0
3	Phosphorylation of the AMPA receptor subunit GluA1 regulates clathrin-mediated receptor internalization. Journal of Cell Science, 2021, 134, .	2.0	20
4	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
5	Regulation of AMPA receptor trafficking and exit from the endoplasmic reticulum. Molecular and Cellular Neurosciences, 2018, 91, 3-9.	2.2	34
6	Sucrose withdrawal induces depression and anxiety-like behavior by Kir2.1 upregulation in the nucleus accumbens. Neuropharmacology, 2018, 130, 10-17.	4.1	85
7	<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
8	Lithium increases synaptic GluA2 in hippocampal neurons byÂelevating the Î´-catenin protein. Neuropharmacology, 2017, 113, 426-433.	4.1	17
9	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
10	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
11	Persistent pain alters AMPA receptor subunit levels in the nucleus accumbens. Molecular Brain, 2015, 8, 46.	2.6	38
12	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
13	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
14	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
15	Calcineurin Mediates Synaptic Scaling Via Synaptic Trafficking of Ca2+-Permeable AMPA Receptors. PLoS Biology, 2014, 12, e1001900.	5.6	101
16	Animal Models for Depression Associated with HIV-1 Infection. Journal of NeuroImmune Pharmacology, 2014, 9, 195-208.	4.1	5
17	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
18	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

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19	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
20	Differential effects of natural rewards and pain on vesicular glutamate transporter expression in the nucleus accumbens. Molecular Brain, 2013, 6, 32.	2.6	15
21	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
22	Sucrose Ingestion Induces Rapid AMPA Receptor Trafficking. Journal of Neuroscience, 2013, 33, 6123-6132.	3.6	31
23	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
24	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
25	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
26	Serotonin Mediates Cross-Modal Reorganization of Cortical Circuits. Neuron, 2011, 69, 780-792.	8.1	119
27	A Single Subanesthetic Dose of Ketamine Relieves Depression-like Behaviors Induced by Neuropathic Pain in Rats. Anesthesiology, 2011, 115, 812-821.	2.5	148
28	Effects of food restriction and sucrose intake on synaptic delivery of AMPA receptors in nucleus accumbens. Synapse, 2011, 65, 1024-1031.	1.2	24
29	Synaptic Autoregulation by Metalloproteases and Î³-Secretase. Journal of Neuroscience, 2011, 31, 12083-12093.	3.6	59
30	Regulation of synaptic structure and function by palmitoylated AMPA receptor binding protein. Molecular and Cellular Neurosciences, 2010, 43, 341-352.	2.2	26
31	Ephrin-A5 and EphA5 Interaction Induces Synaptogenesis during Early Hippocampal Development. PLoS ONE, 2010, 5, e12486.	2.5	63
32	Stable synaptic retention of serine-880-phosphorylated GluR2 in hippocampal neurons. Molecular and Cellular Neurosciences, 2008, 38, 189-202.	2.2	27
33	A role for cGMP-dependent protein kinase II in AMPA receptor trafficking and synaptic plasticity. Channels, 2008, 2, 230-232.	2.8	16
34	To the Nucleus with Proteomics. , 2008, , 27-50.		2
35	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
36	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

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37	Molecular determinants of AMPA receptor subunit assembly. Trends in Neurosciences, 2007, 30, 407-416.	8.6	169
38	TARPs and the AMPA Receptor Trafficking Paradox. Neuron, 2007, 53, 627-633.	8.1	123
39	A GluR1-cGKII Interaction Regulates AMPA Receptor Trafficking. Neuron, 2007, 56, 670-688.	8.1	166
40	Activity-dependent AIDA-1 nuclear signaling regulates nucleolar numbers and protein synthesis in neurons. Nature Neuroscience, 2007, 10, 427-435.	14.8	105
41	Getting to synaptic complexes through systems biology. Genome Biology, 2006, 7, 214.	9.6	7
42	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
43	Identification of transcriptional regulators of neuropeptide FF gene expression. Peptides, 2006, 27, 1020-1035.	2.4	11
44	Developmentally Regulated, Combinatorial RNA Processing Modulates AMPA Receptor Biogenesis. Neuron, 2006, 51, 85-97.	8.1	99
45	EphB2 gets a GRIP on the dendritic arbor. Nature Neuroscience, 2005, 8, 848-850.	14.8	8
46	PICK1 Interacts with ABP/GRIP to Regulate AMPA Receptor Trafficking. Neuron, 2005, 47, 407-421.	8.1	203
47	Identification and Verification of Novel Rodent Postsynaptic Density Proteins. Molecular and Cellular Proteomics, 2004, 3, 857-871.	3.8	275
48	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
49	NMDA receptor regulation of nNOS phosphorylation and induction of neuron death. Neurobiology of Aging, 2003, 24, 1123-1133.	3.1	52
50	AMPA Receptor Tetramerization Is Mediated by Q/R Editing. Neuron, 2003, 40, 763-774.	8.1	286
51	Ca2+-dependent Formation of a Dynamin-Synaptophysin Complex. Journal of Biological Chemistry, 2002, 277, 9010-9015.	3.4	70
52	NSF ATPase and Î±-/Î²-SNAPs Disassemble the AMPA Receptor-PICK1 Complex. Neuron, 2002, 34, 53-67.	8.1	188
53	RNA Editing at Arg607 Controls AMPA Receptor Exit from the Endoplasmic Reticulum. Neuron, 2002, 34, 759-772.	8.1	315
54	Receptor trafficking and the plasticity of excitatory synapses. Current Opinion in Neurobiology, 2002, 12, 279-286.	4.2	279

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55	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
56	Analysis of human neuropeptide FF gene expression. Journal of Neurochemistry, 2002, 82, 1330-1342.	3.9	15
57	Transcription factors in melanocyte development: distinct roles for Pax-3 and Mitf. Mechanisms of Development, 2001, 101, 47-59.	1.7	147
58	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
59	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
60	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
61	Role of NMDA receptor functional domains in excitatory cell death. Neuropharmacology, 2000, 39, 2255-2266.	4.1	40
62	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
63	Recent Excitement in the Ionotropic Glutamate Receptor Field. Annals of the New York Academy of Sciences, 1999, 868, 465-473.	3.8	23
64	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
65	AP-1, CREB and CBP transcription factors differentially regulate the tyrosine hydroxylase gene. Molecular Brain Research, 1998, 55, 101-114.	2.3	65
66	Enlightening the Postsynaptic Density. Neuron, 1997, 19, 1163-1174.	8.1	364
67	Pediatric Brain Tumors Express Multiple Receptor Tyrosine Kinases Including Novel Cell Adhesion Kinases. Pediatric Neurosurgery, 1996, 25, 64-72.	0.7	28
68	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
69	Deregulated messenger RNA expression during T cell apoptosis. Nucleic Acids Research, 1995, 23, 4857-4863.	14.5	7
70	Regulation of cell proliferation and differentiation by Myc. Journal of Cell Science, 1995, 1995, 85-89.	2.0	8
71	Defective Processing of Human Adenovirus 2 Late Transcription Unit mRNAs during Abortive Infections in Monkey Cells. Virology, 1994, 202, 107-115.	2.4	10
72	Recognition by Max of its cognate DNA through a dimeric b/HLH/Z domain. Nature, 1993, 363, 38-45.	27.8	727

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73	Differential spatial and temporal expression of two type III intermediate filament proteins in olfactory receptor neurons. Neuron, 1991, 7, 485-497.	8.1	39
74	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
75	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
76	Transcription factors: a new family gathers at the cAMP response site. Trends in Genetics, 1990, 6, 69-72.	6.7	248
77	Elevated c-myc Expression in Childhood Medulloblastomas. Pediatric Research, 1990, 28, 63-64.	2.3	49
78	The expression of the neuronal intermediate filament protein peripherin in the rat embryo. Developmental Brain Research, 1990, 57, 235-248.	1.7	94
79	Dynamic interactions ofc-fos protein in serum-stimulated 3T3 cells. Journal of Cellular Physiology, 1989, 138, 493-502.	4.1	28
80	Leucine zippers of fos, jun and GCN4 dictate dimerization specificity and thereby control DNA binding. Nature, 1989, 340, 568-571.	27.8	281
81	DNA-binding motif. Nature, 1989, 341, 392-392.	27.8	62
82	Structure of the gene encoding Peripherin, an NGF-regulated neuronal-specific type III intermediate filament protein. Neuron, 1989, 2, 1043-1053.	8.1	151
83	Splicing in Adenovirus and Other Animal Viruses. International Review of Cytology, 1985, 93, 327-358.	6.2	13
84	Adenovirus E1a proteins repress transcription from the SV40 early promoter. Cell, 1985, 40, 705-716.	28.9	453
85	Stimulation of 3T3 cells induces transcription of the c-fos proto-oncogene. Nature, 1984, 311, 433-438.	27.8	3,227
86	Gene regulation: Repression of activators. Nature, 1984, 312, 594-595.	27.8	21
87	Poly(A) sites of adenovirus serotype 2 transcription units. Journal of Molecular Biology, 1982, 155, 207-233.	4.2	41
88	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
89	Transcription and RNA processing by the DNA tumour viruses. Nature, 1980, 287, 491-499.	27.8	257
90	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

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91	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
92	RNA structures near poly(A) of adenovirus-2 late messenger RNAs. Journal of Molecular Biology, 1978, 124, 27-51.	4.2	74
93	The initiation sites for RNA transcription in Ad2 DNA. Cell, 1977, 12, 733-740.	28.9	239
94	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
95	Direct determination of DNA nucleotide sequences: Structure of a fragment of bacteriophage Ï†X174 DNA. Journal of Molecular Biology, 1974, 87, 377-407.	4.2	153
96	Locating 4-thiouridylate in the primary structure of transfer ribonucleic acids. Biochemistry, 1969, 8, 3242-3248.	2.5	20
97	Chemical transformation of 4-thiouracil nucleosides to uracil and cytosine counterparts. Journal of the American Chemical Society, 1968, 90, 7338-7342.	13.7	47