Ralph A Bradshaw

List of Publications by Year
in descending order

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104 papers	6,227 citations	47006 47 h-index	69250 77 g-index
105 all docs	105 docs citations	105 times ranked	5263 citing authors

#	Article	IF	Citations
1	Regenerative responses of rabbit corneal endothelial cells to stimulation by fibroblast growth factor 1 (FGF1) derivatives, TTHX1001 and TTHX1114. Growth Factors, 2021, 39, 14-27.	1.7	6
2	Cancer Proteomics and the Elusive Diagnostic Biomarkers. Proteomics, 2019, 19, 1800445.	2.2	11
3	New Guidelines for Publication of Manuscripts Describing Development and Application of Targeted Mass Spectrometry Measurements of Peptides and Proteins. Molecular and Cellular Proteomics, 2017, 16, 327-328.	3.8	33
4	Nerve fibers infiltrate the tumor microenvironment and are associated with nerve growth factor production and lymph node invasion in breast cancer. Molecular Oncology, 2015, 9, 1626-1635.	4.6	105
5	On Credibility, Clarity, and Compliance. Molecular and Cellular Proteomics, 2015, 14, 1731-1733.	3.8	9
6	The TrK Receptor Family. , 2015, , 777-820.		1
7	NGF and ProNGF: Regulation of neuronal and neoplastic responses through receptor signaling. Advances in Biological Regulation, 2015, 58, 16-27.	2.3	91
8	ProNGF Correlates with Gleason Score and Is a Potential Driver of Nerve Infiltration in Prostate Cancer. American Journal of Pathology, 2014, 184, 3156-3162.	3.8	86
9	N-terminal Protein Processing: A Comparative Proteogenomic Analysis. Molecular and Cellular Proteomics, 2013, 12, 14-28.	3.8	80
10	Dissecting the Roles of Tyrosines 490 and 785 of TrkA Protein in the Induction of Downstream Protein Phosphorylation Using Chimeric Receptors. Journal of Biological Chemistry, 2013, 288, 16606-16618.	3.4	18
11	Methionyl Aminopeptidase Type 1. , 2013, , 1495-1500.		2
12	The Induction of Serine/Threonine Protein Phosphorylations by a PDGFR/TrkA Chimera in Stably Transfected PC12 Cells. Molecular and Cellular Proteomics, 2012, 11, 15-30.	3.8	17
13	Pro-nerve Growth Factor Induces Autocrine Stimulation of Breast Cancer Cell Invasion through Tropomyosin-related Kinase A (TrkA) and Sortilin Protein. Journal of Biological Chemistry, 2012, 287, 1923-1931.	3.4	69
14	Receptor tyrosine kinase signaling â€“ a proteomic perspective. Advances in Enzyme Regulation, 2011, 51, 293-305.	2.6	11
15	Cell Signaling. , 2010, , 1-4.		32
16	New Guidelines for Clinical Proteomics Manuscripts. Molecular and Cellular Proteomics, 2008, 7, 2071-2072.	3.8	10
17	Reporting Protein Identification Data. Molecular and Cellular Proteomics, 2006, 5, 787-788.	3.8	208
18	From Proteins to Proteomics. IUBMB Life, 2005, 57, 267-272.	3.4	49

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19	Characterization of Symmetric Complexes of Nerve Growth Factor and the Ectodomain of the Pan-neurotrophin Receptor, p75NTR. Journal of Biological Chemistry, 2005, 280, 33453-33460.	3.4	34
20	Sustained ERK1/2 but not STAT1 or 3 activation is required for thanatophoric dysplasia phenotypes in PC12 cells. Human Molecular Genetics, 2005, 14, 1529-1538.	2.9	27
21	Methionine aminopeptidase 2 inhibition: antiangiogenesis and tumour therapy. Expert Opinion on Therapeutic Patents, 2004, 14, 1-6.	5.0	19
22	Methionyl aminopeptidase type 1. , 2004, , 911-917.		2
23	PC12 cell activation by epidermal growth factor receptor: role of autophosphorylation sites. International Journal of Developmental Neuroscience, 2003, 21, 63-74.	1.6	16
24	Individual and Combined Effects of TrkA and p75NTR Nerve Growth Factor Receptors. Journal of Biological Chemistry, 2003, 278, 24808-24817.	3.4	67
25	Cell Signaling: Yesterday, Today, and Tomorrow. , 2003, , 1-3.		5
26	Co- and Posttranslational Processing: The Removal of Methionine. The Enzymes, 2002, , 387-420.	1.7	7
27	Expression of the urokinase plasminogen activator receptor is transiently required during ?priming? of PC12 cells in nerve growth factor-directed cellular differentiation. Journal of Neuroscience Research, 2001, 63, 341-346.	2.9	25
28	Nerve growth factor Î± subunit: effect of site-directed mutations on catalytic activity and 7S NGF complex formation. BBA - Proteins and Proteomics, 2000, 1477, 253-266.	2.1	0
29	Discoidin domain receptor 1 (DDR1) signaling in PC12 cells: activation of juxtamembrane domains in PDGFR/DDR/TrkA chimeric receptors. FASEB Journal, 2000, 14, 973-981.	0.5	37
30	NF-ÎºB Signaling Promotes Both Cell Survival and Neurite Process Formation in Nerve Growth Factor-Stimulated PC12 Cells. Journal of Neuroscience, 2000, 20, 7556-7563.	3.6	138
31	Activation of the Stat3 Signaling Pathway Is Required for Differentiation by Interleukin-6 in PC12-E2 Cells. Journal of Biological Chemistry, 2000, 275, 2147-2156.	3.4	57
32	Yeast Methionine Aminopeptidase I. Journal of Biological Chemistry, 1999, 274, 13403-13409.	3.4	46
33	N-Terminal processing: the methionine aminopeptidase and NÎ±-acetyl transferase families. Trends in Biochemical Sciences, 1998, 23, 263-267.	7.5	449
34	Yeast methionine aminopeptidase I can utilize either Zn²⁺ or Co²⁺ as a cofactor: A case of mistaken identity?. Protein Science, 1998, 7, 2684-2687.	7.6	135
35	Differential Utilization of ShcA Tyrosine Residues and Functional Domains in the Transduction of Epidermal Growth Factor-induced Mitogen-activated Protein Kinase Activation in 293T Cells and Nerve Growth Factor-induced Neurite Outgrowth in PC12 Cells. Journal of Biological Chemistry, 1997, 272, 22293-22299.	3.4	44
36	Nerve growth factor receptors. Biomembranes: A Multi-Volume Treatise, 1997, , 177-196.	0.1	2

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37	Application of combined mass spectrometry and partial amino acid sequence to the identification of gel-separated proteins. Electrophoresis, 1996, 17, 877-891.	2.4	85
38	Synergistic Induction of Neurite Outgrowth by Nerve Growth Factor or Epidermal Growth Factor and Interleukin-6 in PC12 Cells. Journal of Biological Chemistry, 1996, 271, 13033-13039.	3.4	66
39	Induction of Neurite Outgrowth by Interleukin-6 Is Accompanied by Activation of Stat3 Signaling Pathway in a Variant PC12 Cell (E2) Line. Journal of Biological Chemistry, 1996, 271, 13023-13032.	3.4	94
40	A Mouse Amidase Specific for N-terminal Asparagine. Journal of Biological Chemistry, 1996, 271, 28521-28532.	3.4	74
41	Methionine Aminopeptidase: Structure and Function. Molecular Biology Intelligence Unit, 1996, , 91-106.	0.2	5
42	PC12-E2 cells: A stable variant with altered responses to growth factor stimulation. Journal of Cellular Physiology, 1995, 164, 522-532.	4.1	33
43	Autocrine mitogenic activity of pheromones produced by the protozoan ciliate Euplotes raikovi. Nature, 1995, 376, 522-524.	27.8	78
44	Chemical Signaling in Ciliates. Journal of Eukaryotic Microbiology, 1995, 42, 208-212.	1.7	58
45	The Sequence of Porcine Protein NH2-terminal Asparagine Amidohydrolase. Journal of Biological Chemistry, 1995, 270, 25-28.	3.4	30
46	Staurosporine Causes Epidermal Growth Factor to Induce Differentiation in PC12 Cells via Receptor Up-regulation. Journal of Biological Chemistry, 1995, 270, 7568-7572.	3.4	20
47	Src Homologous and Collagen (Shc) Protein Binds to F-actin and Translocates to the Cytoskeleton upon Nerve Growth Factor Stimulation in PC12 Cells. Journal of Biological Chemistry, 1995, 270, 28924-28931.	3.4	57
48	Analysis of protein modifications: recent advances in detection, characterization and mapping. Current Opinion in Biotechnology, 1994, 5, 85-93.	6.6	10
49	Nerve growth factor: Structure/function relationships. Protein Science, 1994, 3, 1901-1913.	7.6	69
50	Ciliate Pheromones as Early Growth Factors and Cytokines. Annals of the New York Academy of Sciences, 1994, 712, 195-205.	3.8	10
51	Synthetic chimeras of mouse growth factorâ€associated glandular kallikreins. II. Growth factor binding properties. Protein Science, 1993, 2, 1220-1228.	7.6	6
52	Topological similarities in TGF-Î²2, PDGF-BB and NGF define a superfamily of polypeptide growth factors. Structure, 1993, 1, 153-159.	3.3	152
53	Nerve growth factor revisited. Trends in Biochemical Sciences, 1993, 18, 48-52.	7.5	94
54	The Receptors For Nerve Growth Factor and Other Neurotrophins. Annual Review of Biochemistry, 1993, 62, 823-850.	11.1	125

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55	Nerve Growth Factor and Related Substances: Structure and Mechanism of Action. , 1993, , 129-180.		6
56	Dipeptide inhibitors of uniquitin-mediated protein turnover prevent growth factor-induced neurite outgrowth in rat pheochromocytoma PC12 cells. Biochemical and Biophysical Research Communications, 1992, 189, 280-288.	2.1	31
57	The disulfide bond pairing of the pheromones Erâ€1 and Erâ€2 of the ciliated protozoan Euplotes raikovi. Protein Science, 1992, 1, 777-785.	7.6	34
58	Microinjection of a p21ras Antibody into PC12 Cells Inhibits Neurite Outgrowth Induced by Nerve Growth Factor and Basic Fibroblast Growth Factor. Growth Factors, 1991, 4, 145-155.	1.7	17
59	Rat liver polysome N.alpha.-acetyltransferase: substrate specificity. Biochemistry, 1991, 30, 1017-1021.	2.5	26
60	Rat liver polysome N.alpha.-acetyltransferase: isolation and characterization. Biochemistry, 1991, 30, 1010-1016.	2.5	23
61	Structural characterization of mating pheromone precursors of the ciliate protozoan Euplotes raikovi. High conservation of pre and pro regions versus high variability of secreted regions. FEBS Journal, 1991, 202, 759-764.	0.2	34
62	[33] Contranslational amino-terminal processing. Methods in Enzymology, 1990, 185, 398-407.	1.0	59
63	Production of 1,2-Diacylglycerol in PC12 Cells by Nerve Growth Factor and Basic Fibroblast Growth Factor. Journal of Neurochemistry, 1990, 54, 1666-1676.	3.9	60
64	The characterization of recombinant mouse glandular kallikreins fromE. coli. Proteins: Structure, Function and Bioinformatics, 1990, 7, 280-290.	2.6	7
65	Chapter 13 Neurotrophic factors in the CNS: biosynthetic processing and functional responses. Progress in Brain Research, 1990, 86, 157-167.	1.4	5
66	Epidermal growth factor and basic fibroblast growth factor: effects on an overlapping population of neocortical neurons in vitro. Brain Research, 1990, 535, 255-263.	2.2	81
67	Protein translocation and turnover in eukaryotic cells. Trends in Biochemical Sciences, 1989, 14, 276-279.	7.5	61
68	Cotranslational processing and protein turnover in eukaryotic cells. Biochemistry, 1988, 27, 7979-7984.	2.5	218
69	Internalization and cycling of nerve growth factor in PC12 cells: Interconversion of type II (fast) and type I (slow) nerve growth factor receptors. Neuron, 1988, 1, 929-936.	8.1	49
70	Production of a monoclonal antibody directed against the nerve growth factor receptor from sympathetic membranes. Journal of Cellular Biochemistry, 1985, 27, 121-132.	2.6	3
71	Histidine residue modification inhibits binding of murine ? nerve growth factor to its receptor. The Protein Journal, 1984, 3, 349-356.	1.1	13
72	Mouse 7S nerve growth factor: complete sequence of a cDNA coding for the .alpha.-subunit precursor and its relationship to serine proteases. Biochemistry, 1984, 23, 5997-6002.	2.5	49

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73	Purification and partial characterization of bovine pituitary fibroblast growth factor. Journal of Cellular Biochemistry, 1983, 21, 195-208.	2.6	46
74	Nerve Growth Factor and Related Hormones. , 1983, , 91-114.		6
75	Nerve growth factor: Subunit interactions in the mouse submaxillary gland 7S complex. Journal of Neuroscience Research, 1982, 8, 127-136.	2.9	35
76	Sciatin Is a Transferrin-Like Polypeptide. Journal of Neurochemistry, 1982, 39, 315-320.	3.9	63
77	STRUCTURE, FUNCTION, AND EVOLUTION OF INSULIN-RELATED POLYPEPTIDES. , 1982, , 1-13.		1
78	[46] Î³-Subunit of mouse submaxillary gland 7 S nerve growth factor: An endopeptidase of the serine family. Methods in Enzymology, 1981, 80, 609-620.	1.0	10
79	Isolation and partial amino acid sequence analysis of nerve growth factor from the guinea pig prostate. Journal of Neuroscience Research, 1981, 6, 451-464.	2.9	37
80	Polypeptide growth factors: Some structural and mechanistic considerations. Journal of Supramolecular Structure, 1980, 14, 183-199.	2.3	41
81	Amino acid sequence of L-3-hydroxyacyl CoA dehydrogenase from pig heart muscle. FEBS Letters, 1980, 116, 196-198.	2.8	50
82	Reduction by reserpine of the accumulation of retrogradely transported [125I]nerve growth factor in sympathetic neurons. Brain Research, 1979, 178, 389-401.	2.2	5
83	The effects of drugs which destroy the sympathetic nervous system on the retrograde transport of nerve growth factor. Brain Research, 1979, 171, 461-472.	2.2	24
84	Characterization of the retrograde transport of nerve growth factor (NGF) using high specific activity [125I]NGF. Brain Research, 1978, 150, 319-331.	2.2	137
85	A comparison of the amino-terminal sequences of several carbohydrate binding proteins from Escherichia coli and Salmonella typhimurium. FEBS Letters, 1977, 80, 377-379.	2.8	6
86	Purification, characterization, and partial amino acid sequence of nerve growth factor from cobra venom. Biochemistry, 1976, 15, 26-34.	2.5	94
87	Nerve growth factorâ€"Recent developments and perspectives. Biochemical Pharmacology, 1976, 25, 1445-1449.	4.4	48
88	[16]l-3-hydroxyacyl coenzyme A dehydrogenase from pig heart muscle. Methods in Enzymology, 1975, 35, 122-128.	1.0	42
89	6 Malate Dehydrogenases. The Enzymes, 1975, 11, 369-396.	1.7	75
90	Specific binding of covalently cross-linked mouse nerve growth factor to responsive peripheral neurons. Biochemical and Biophysical Research Communications, 1975, 67, 1281-1289.	2.1	28

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91	The preparation of the cytoplasmic and mitochondrial forms of malate dehydrogenase and aspartate aminotransferase from pig heart by a single procedure. Analytical Biochemistry, 1974, 57, 432-451.	2.4	67
92	l-3-Hydroxyacyl coenzyme A dehydrogenase: Crystallographic properties of the pig heart enzyme. Journal of Molecular Biology, 1974, 90, 409-413.	4.2	5
93	Specific binding sites for 125I-nerve growth factor in peripheral tissues and brain. Biochemical and Biophysical Research Communications, 1974, 57, 1096-1103.	2.1	56
94	THE SYNTHESIS AND CHARACTERIZATION OF THE AMINOâ€TERMINAL OCTAPEPTIDE OF MOUSE NERVE GROWTH FACTOR. International Journal of Peptide and Protein Research, 1974, 6, 321-328.	0.1	13
95	Properties of the Specific Binding of 125I-Nerve Growth Factor to Responsive Peripheral Neurons. Journal of Biological Chemistry, 1974, 249, 5513-5519.	3.4	191
96	Properties and Specificity of Binding Sites for 125I-Nerve Growth Factor in Embryonic Heart and Brain. Journal of Biological Chemistry, 1974, 249, 5918-5923.	3.4	95
97	Topography of mouse 2.5S nerve growth factor. Reactivity of tyrosine and tryptophan. Biochemistry, 1973, 12, 3281-3293.	2.5	108
98	Amino acid sequences of mouse 2.5S nerve growth factor. II. Isolation and characterization of the thermolytic and peptic peptides and the complete covalent structure. Biochemistry, 1973, 12, 100-115.	2.5	125
99	l-3-Hydroxyacyl Coenyzme A Dehydrogenase from Pig Heart Muscle. Journal of Biological Chemistry, 1973, 248, 3052-3059.	3.4	79
100	l-3-Hydroxyacyl Coenzyme A Dehydrogenase from Pig Heart Muscle. Journal of Biological Chemistry, 1973, 248, 3060-3066.	3.4	27
101	Subunit structure and amino acid composition of mouse submaxillary gland nerve growth factor. Biochemistry, 1971, 10, 463-469.	2.5	131
102	[17] Fumarase. Methods in Enzymology, 1969, 13, 91-99.	1.0	170
103	The Thiol Groups of Fumarase. Journal of Biological Chemistry, 1967, 242, 2709-2718.	3.4	60
104	The Subunits of Fumarase. Journal of Biological Chemistry, 1964, 239, 4207-4211.	3.4	91