Philip Lazarovici

List of Publications by Year
in descending order

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182	6,016	76294	98753
papers	citations	40	67
		h-index	g-index

185	185	185	7715
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrospun hydroxyapatite-containing chitosan nanofibers crosslinked with genipin for bone tissue engineering. Biomaterials, 2012, 33, 9167-9178.	5.7	355
2	Production of Neurotrophins by Activated T Cells: Implications for Neuroprotective Autoimmunity. Journal of Autoimmunity, 2000, 15, 331-345.	3.0	303
3	cAMP Response Element-Binding Protein (CREB): A Possible Signaling Molecule Link in the Pathophysiology of Schizophrenia. Frontiers in Molecular Neuroscience, 2018, 11, 255.	1.4	250
4	Nerve growth factorâ€“endothelial cell interaction leads to angiogenesis in vitro and in vivo. FASEB Journal, 2002, 16, 1307-1309.	0.2	214
5	Cross Talk between the Cardiovascular and Nervous Systems:Neurotrophic Effects of Vascular Endothelial Growth Factor (VEGF) and Angiogenic Effects of Nerve Growth Factor (NGF)-Implications in Drug Development. Current Pharmaceutical Design, 2006, 12, 2609-2622.	0.9	147
6	Proline-rich Akt substrate of 40kDa (PRAS40): A novel downstream target of PI3k/Akt signaling pathway. Cellular Signalling, 2012, 24, 17-24.	1.7	144
7	Co-Electrospun Blends of PLGA, Gelatin, and Elastin as Potential Nonthrombogenic Scaffolds for Vascular Tissue Engineering. Biomacromolecules, 2011, 12, 399-408.	2.6	121
8	Neuroprotective effects of carnosine and homocarnosine on pheochromocytoma PC12 cells exposed to ischemia. Journal of Neuroscience Research, 2002, 68, 463-469.	1.3	112
9	Sequencing and synthesis of pardaxin, a polypeptide from the Red Sea Moses sole with ionophore activity. FEBS Letters, 1988, 242, 161-166.	1.3	105
10	Interactions between the cells of the immune and nervous system: neurotrophins as neuroprotection mediators in CNS injury. Progress in Brain Research, 2004, 146, 385-401.	0.9	94
11	The 38-Amino-Acid Form of Pituitary Adenylate Cyclase-Activating Polypeptide Induces Neurite Outgrowth in PC12 Cells that Is Dependent on Protein Kinase C and Extracellular Signal-Regulated Kinase but not on Protein Kinase A, Nerve Growth Factor Receptor Tyrosine Kinase, p21^{ras}G protein, and pp60^{c-src}Cytoplasmic Tyrosine Kinase. Molecular Pharmacology, 1998, 54, 547-558.	1.0	87
12	Rasagiline, a monoamine oxidase-B inhibitor, protects NGF-differentiated PC12 cells against oxygen-glucose deprivation. , 1999, 58, 456-463.		82
13	Matrix metalloproteinases (MMP), EMMPRIN (extracellular matrix metalloproteinase inducer) and mitogen-activated protein kinases (MAPK): co-expression in metastatic serous ovarian carcinoma. Clinical and Experimental Metastasis, 2003, 20, 621-631.	1.7	82
14	Expression and activation of the nerve growth factor receptor TrkA in serous ovarian carcinoma. Clinical Cancer Research, 2003, 9, 2248-59.	3.2	82
15	Altered Expression and Activation of the Nerve Growth Factor Receptors TrkA and p75 Provide the First Evidence of Tumor Progression to Effusion in Breast Carcinoma. Breast Cancer Research and Treatment, 2004, 83, 119-128.	1.1	78
16	Neuroprotective Effects of Novel Cholinesterase Inhibitors Derived from Rasagiline as Potential Antiâ€Alzheimer Drugs. Annals of the New York Academy of Sciences, 2001, 939, 148-161.	1.8	77
17	Neuroprotective and neurotoxic effects of monoamine oxidase-B inhibitors and derived metabolites under ischemia in PC12 cells. European Journal of Pharmacology, 2002, 434, 109-116.	1.7	76
18	Neuroprotection by cord blood neural progenitors involves antioxidants, neurotrophic and angiogenic factors. Experimental Neurology, 2009, 216, 83-94.	2.0	75

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19	Neuroprotection by NGF in the PC12 In Vitro OGD Model: Involvement of Mitogen-Activated Protein Kinases and Gene Expression. Annals of the New York Academy of Sciences, 2005, 1053, 84-96.	1.8	74
20	Nerve Growth Factor-Induced Migration of Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1220-1227.	1.3	68
21	Integrin Î±9Î²1 is a receptor for nerve growth factor and other neurotrophins. Journal of Cell Science, 2008, 121, 504-513.	1.2	66
22	Protective mechanism of artemisinin on rat bone marrow-derived mesenchymal stem cells against apoptosis induced by hydrogen peroxide via activation of c-Raf-Erk1/2-p90rsk-CREB pathway. Stem Cell Research and Therapy, 2019, 10, 312.	2.4	65
23	Cytokine storm in COVID-19: from viral infection to immune responses, diagnosis and therapy. International Journal of Biological Sciences, 2022, 18, 459-472.	2.6	65
24	Mitogen-activated protein kinases (MAPK) as predictors of clinical outcome in serous ovarian carcinoma in effusions. Gynecologic Oncology, 2003, 91, 160-172.	0.6	60
25	Artemisinin conferred ERK mediated neuroprotection to PC12 cells and cortical neurons exposed to sodium nitroprusside-induced oxidative insult. Free Radical Biology and Medicine, 2016, 97, 158-167.	1.3	60
26	Neural stem cells: therapeutic potential for neurodegenerative diseases. British Medical Bulletin, 2012, 104, 7-19.	2.7	57
27	Structural determinants of the selectivity of KTS-disintegrins for the Î±1Î²1 integrin. FEBS Letters, 2004, 577, 478-482.	1.3	56
28	Ca2+-activated K+ Channels in Human Leukemic Jurkat T Cells. Journal of Biological Chemistry, 2000, 275, 39954-39963.	1.6	55
29	Effect of VP12 and viperistatin on inhibition of collagen receptors: dependent melanoma metastasis. Cancer Biology and Therapy, 2009, 8, 1507-1516.	1.5	55
30	Neuroprotection by monoamine oxidase B inhibitors: a therapeutic strategy for Parkinson's disease?. BioEssays, 2004, 26, 80-90.	1.2	54
31	Cetuximab-labeled liposomes containing near-infrared probe for in vivo imaging. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 480-488.	1.7	52
32	Nerve Growth Factor (NGF) Promotes Angiogenesis in the Quail Chorioallantoic Membrane. Endothelium: Journal of Endothelial Cell Research, 2006, 13, 51-59.	1.7	51
33	Regulatory effect of nerve growth factor in Î±9Î²1 integrinâ€“dependent progression of glioblastoma. Neuro-Oncology, 2008, 10, 968-980.	0.6	51
34	Revascularization of decellularized lung scaffolds: principles and progress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1273-L1285.	1.3	50
35	Multimodal Neuroprotection Induced by PACAP38 in Oxygenâ€“Glucose Deprivation and Middle Cerebral Artery Occlusion Stroke Models. Journal of Molecular Neuroscience, 2012, 48, 526-540.	1.1	47
36	Induction of major histocompatibility class I antigens by interferons in undifferentiated F9 cells. Journal of Cellular Physiology, 1987, 130, 276-283.	2.0	46

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37	Tissue regeneration potential in human umbilical cord blood. Best Practice and Research in Clinical Haematology, 2010, 23, 291-303.	0.7	46
38	Apoptotic characteristics of cell death and the neuroprotective effect of homocarnosine on pheochromocytoma PC12 cells exposed to ischemia. Journal of Neuroscience Research, 2004, 75, 499-507.	1.3	43
39	Neuroprotective effects of the stable nitroxide compound Tempol on 1-methyl-4-phenylpyridinium ion-induced neurotoxicity in the Nerve Growth Factor-differentiated model of pheochromocytoma PC12 cells. European Journal of Pharmacology, 2006, 549, 50-57.	1.7	43
40	A disulfide conjugate between anti-tetanus antibodies and HIV (37-72)Tat neutralizes tetanus toxin inside chromaffin cells. FEBS Letters, 1999, 458, 383-386.	1.3	41
41	IGF-1 Signaling via the PI3K/Akt Pathway Confers Neuroprotection in Human Retinal Pigment Epithelial Cells Exposed to Sodium Nitroprusside Insult. Journal of Molecular Neuroscience, 2015, 55, 931-940.	1.1	41
42	From Snake Venomâ€™s Disintegrins and C-Type Lectins to Anti-Platelet Drugs. Toxins, 2019, 11, 303.	1.5	41
43	Identification of a Tau Promoter Region Mediating Tissue-specific-regulated Expression in PC12 Cells. Journal of Molecular Biology, 1996, 256, 805-812.	2.0	40
44	Expression of the nerve growth factor receptors TrkA and p75 in malignant mesothelioma. Lung Cancer, 2004, 44, 159-165.	0.9	40
45	Neuroprotective effects of nimodipine and nifedipine in the NGFâ€differentiated PC12 cells exposed to oxygenâ€glucose deprivation or trophic withdrawal. International Journal of Developmental Neuroscience, 2012, 30, 465-469.	0.7	40
46	Artemether Activation of AMPK/GSK3Î²(ser9)/Nrf2 Signaling Confers Neuroprotection towards Î²-Amyloid-Induced Neurotoxicity in 3xTg Alzheimerâ€™s Mouse Model. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-24.	1.9	40
47	A tissue culture ischemic device to study eicosanoid release by pheochromocytoma PC12 cultures. Journal of Neuroscience Methods, 1993, 50, 197-203.	1.3	39
48	Alimentary â€˜greenâ€™ proteins as electrospun scaffolds for skin regenerative engineering. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 994-1008.	1.3	39
49	Nerve Growth Factor (NGF)-induced Calcium Influx and Intracellular Calcium Mobilization in 3T3 Cells Expressing NGF Receptors. Journal of Biological Chemistry, 1999, 274, 26209-26216.	1.6	37
50	Rasagiline - a novel MAO B inhibitor in Parkinson's disease therapy. Therapeutics and Clinical Risk Management, 2007, 3, 467-74.	0.9	37
51	Expression of Activated TrkA Protein in Melanocytic Tumors. American Journal of Clinical Pathology, 2004, 122, 412-420.	0.4	36
52	Nerve Growth Factor Pretreatment Attenuates Oxygen and Glucose Deprivation-Induced c-Jun Amino-Terminal Kinase 1 and Stress-Activated Kinases p38Î± and p38Î² Activation and Confers Neuroprotection in the Pheochromocytoma PC12 Model. Journal of Molecular Neuroscience, 2004, 22, 237-250.	1.1	35
53	Fibronectin-mediated upregulation of Î±5Î²1 integrin and cell adhesion during differentiation of mouse embryonic stem cells. Cell Adhesion and Migration, 2011, 5, 73-82.	1.1	35
54	High Plasma Levels and Effective Lymphatic Uptake of Docetaxel in an Orally Available Nanotransporter Formulation. Cancer Research, 2011, 71, 3018-3028.	0.4	34

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55	Enhanced Re-Endothelialization of Decellularized Rat Lungs. Tissue Engineering - Part C: Methods, 2016, 22, 439-450.	1.1	34
56	Vixapatin (VP12), a C-Type Lectin-Protein from Vipera xantina palestinae Venom: Characterization as a Novel Anti-angiogenic Compound. Toxins, 2012, 4, 862-877.	1.5	33
57	Anti-inflammatory Effects of Traditional Chinese Medicines on Preclinical in vivo Models of Brain Ischemia-Reperfusion-Injury: Prospects for Neuroprotective Drug Discovery and Therapy. Frontiers in Pharmacology, 2019, 10, 204.	1.6	33
58	Staphylococcus aureus Î±-toxin activates phospholipases and induces a Ca2+ influx in PC12 cells. Cellular Signalling, 1989, 1, 387-393.	1.7	32
59	Gardenamide A attenuated cell apoptosis induced by serum deprivation insult via the ERK1/2 and PI3K/AKT signaling pathways. Neuroscience, 2015, 286, 242-250.	1.1	32
60	Human PLacental eXpanded (PLX) mesenchymal-like adherent stromal cells confer neuroprotection to nerve growth factor (NGF)-differentiated PC12 cells exposed to ischemia by secretion of IL-6 and VEGF. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 422-430.	1.9	32
61	Mesenchymal stem cells for therapeutic applications in pulmonary medicine. British Medical Bulletin, 2015, 115, 45-56.	2.7	31
62	Regulatory effect of nerve growth factor in Â9Â1 integrin-dependent progression of glioblastoma. Neuro-Oncology, 2008, 10, 968-980.	0.6	31
63	Pardaxin, a fish toxin peptide interaction with a biomimetic phospholipid/polydiacetylene membrane assay. Peptides, 2008, 29, 1620-1625.	1.2	30
64	Dysbindin-1 Involvement in the Etiology of Schizophrenia. International Journal of Molecular Sciences, 2017, 18, 2044.	1.8	30
65	Both p140 and p75NGFR Nerve Growth Factor Receptors Mediate Nerve Growth Factor-stimulated Calcium Uptake. Journal of Biological Chemistry, 1997, 272, 6835-6837.	1.6	29
66	Nerve Growth Factor-Induced Protection of Brain Capillary Endothelial Cells Exposed to Oxygenâ€“Glucose Deprivation Involves Attenuation of Erk Phosphorylation. Journal of Molecular Neuroscience, 2010, 41, 183-192.	1.1	29
67	Importance of interaction between nerve growth factor and Â9Â1 integrin in glial tumor angiogenesis. Neuro-Oncology, 2012, 14, 890-901.	0.6	29
68	The Molecular Basis of Toxinsâ€™ Interactions with Intracellular Signaling via Discrete Portals. Toxins, 2017, 9, 107.	1.5	29
69	Signaling Network of Forkhead Family of Transcription Factors (FOXO) in Dietary Restriction. Cells, 2020, 9, 100.	1.8	28
70	Down-regulation of Epidermal Growth Factor Receptors by Nerve Growth Factor in PC12 Cells Is p140 -, Ras-, and Src-dependent. Journal of Biological Chemistry, 1997, 272, 11026-11034.	1.6	27
71	Pharmacological Aspects of Vipera xantina palestinae Venom. Toxins, 2011, 3, 1420-1432.	1.5	27
72	The p75 neurotrophin receptor is widely expressed in conventional papillary thyroid carcinoma. Human Pathology, 2006, 37, 562-568.	1.1	26

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73	Transcriptional Down-regulation of Epidermal Growth Factor Receptors by Nerve Growth Factor Treatment of PC12 Cells. Journal of Biological Chemistry, 1998, 273, 6878-6884.	1.6	25
74	K252a and Staurosporine Microbial Alkaloid Toxins as Prototype of Neurotropic Drugs. Advances in Experimental Medicine and Biology, 1996, 391, 367-377.	0.8	25
75	Affinity chromatographic purification and characterization of two iodinated tetanus toxin fractions exhibiting different binding properties. Toxicon, 1984, 22, 401-413.	0.8	24
76	Expression of human p140trk receptors in p140trk-deficient, PC12/endothelial cells results in nerve growth factor-induced signal transduction and DNA synthesis. Journal of Cellular Biochemistry, 1997, 66, 229-244.	1.2	24
77	Isolation, characterization and synthesis of a novel pardaxin isoform. FEBS Letters, 1998, 435, 173-177.	1.3	24
78	Roles of Ras-Erk in Apoptosis of PC12 Cells Induced by Trophic Factor Withdrawal or Oxidative Stress. Journal of Molecular Neuroscience, 2005, 25, 133-140.	1.1	24
79	Neuroprotective Effects of Bioactive Compounds and MAPK Pathway Modulation in â€œIschemiaâ€â€”Stressed PC12 Pheochromocytoma Cells. Brain Sciences, 2018, 8, 32.	1.1	24
80	Anti-angiogenic activities of snake venom CRISP isolated from Echis carinatus sochureki. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1169-1179.	1.1	23
81	Solid nano-in-nanoparticles for potential delivery of siRNA. Journal of Controlled Release, 2017, 257, 144-155.	4.8	23
82	In vitro and in vivo reversal of MDR1-mediated multidrug resistance by KT-5720: Implications on hematological malignancies. Leukemia Research, 2006, 30, 1151-1158.	0.4	22
83	Neuronal Conditioning Medium and Nerve Growth Factor Induce Neuronal Differentiation of Collagen-Adherent Progenitors Derived from Human Umbilical Cord Blood. Journal of Molecular Neuroscience, 2007, 32, 179-191.	1.1	22
84	Angioneural Crosstalk in Scaffolds with Oriented Microchannels for Regenerative Spinal Cord Injury Repair. Journal of Molecular Neuroscience, 2013, 49, 334-346.	1.1	22
85	Tissue Factor Activity and ECM-Related Gene Expression in Human Aortic Endothelial Cells Grown on Electrospun Biohybrid Scaffolds. Biomacromolecules, 2013, 14, 1338-1348.	2.6	22
86	The involvement of DARPP-32 in the pathophysiology of schizophrenia. Oncotarget, 2017, 8, 53791-53803.	0.8	22
87	Pardaxin Stimulation of Phospholipases A2and Their Involvement in Exocytosis in PC-12 Cells. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 953-962.	1.3	21
88	A Quantitative Bioassay for Nerve Growth Factor,Using PC12 Clones Expressing Different Levels of trkA Receptors. Journal of Molecular Neuroscience, 2002, 18, 251-264.	1.1	21
89	Identification of Î±2Î²1 integrin inhibitor VP-i with anti-platelet properties in the venom of Vipera palaestinae. Toxicon, 2013, 64, 96-105.	0.8	21
90	Expression of Activated TrkA Protein in Melanocytic Tumors: Relationship to Cell Proliferation and Clinical Outcome. American Journal of Clinical Pathology, 2004, 122, 412-420.	0.4	21

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91	Staurosporine induces tyrosine phosphorylation of a 145 kDa protein but does not activate gp140trk in PC12 cells. European Journal of Pharmacology, 1994, 269, 255-264.	2.7	20
92	Characterization of nerve growth factors (NGFs) from snake venoms by use of a novel, quantitative bioassay utilizing pheochromocytoma (PC12) cells overexpressing human trkA receptors. Toxicon, 2003, 42, 481-490.	0.8	20
93	Staurosporine induces neurite outgrowth in neuronal hybrids (PC12EN) lacking NGF receptors. Journal of Cellular Biochemistry, 1996, 62, 356-371.	1.2	19
94	Quantitative Assessment of Neuronal Differentiation in Three-dimensional Collagen Gels Using Enhanced Green Fluorescence Protein Expressing PC12 Pheochromocytoma Cells. Journal of Molecular Neuroscience, 2009, 37, 225-237.	1.1	19
95	Human Umbilical Cord Blood Stem Cells: Rational for Use as a Neuroprotectant in Ischemic Brain Disease. International Journal of Molecular Sciences, 2010, 11, 3513-3528.	1.8	19
96	Nerve growth factor stimulation of ERK1/2 phosphorylation requires both p75NTR and Î±9Î²1 integrin and confers myoprotection towards ischemia in C2C12 skeletal muscle cell model. Cellular Signalling, 2012, 24, 2378-2388.	1.7	19
97	Pristimerinâ€induced uveal melanoma cell death via inhibiting PI3K/Akt/FoxO3a signalling pathway. Journal of Cellular and Molecular Medicine, 2020, 24, 6208-6219.	1.6	19
98	P-glycoprotein-dependent resistance of cancer cells toward the extrinsic TRAIL apoptosis signaling pathway. Biochemical Pharmacology, 2013, 86, 584-596.	2.0	18
99	Identification of inhibitors of Î±2Î²1 integrin, members of C-lectin type proteins, in Echis sochureki venom. Toxicology and Applied Pharmacology, 2013, 269, 34-42.	1.3	18
100	NGF Promotes Hemodynamic Recovery in a Rabbit Hindlimb Ischemic Model Through trkA- and VEGFR2-dependent Pathways. Journal of Cardiovascular Pharmacology, 2013, 62, 270-277.	0.8	18
101	Neurotherapeutic Effect of Cord Blood Derived CD45⁺Hematopoietic Cells in Mice after Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 1405-1416.	1.7	18
102	Neuroprotection by human umbilical cord blood-derived progenitors in ischemic brain injuries. Archives Italiennes De Biologie, 2011, 149, 233-45.	0.1	18
103	Pardachirus marmoratus (Red Sea flatfish) secretion and its isolated toxic fraction pardaxin: The relationship between hemolysis and ATPase inhibition. Toxicon, 1981, 19, 573-578.	0.8	17
104	The induction of tuftelin expression in PC12 cell line during hypoxia and NGFâ€induced differentiation. Journal of Cellular Physiology, 2011, 226, 165-172.	2.0	17
105	Vimocin and Vidapin, Cyclic KTS Peptides, Are Dual Antagonists ofÎ±₁Î²₁/Î±₂Î²₁Integrins with Antiangiogenic Activity. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 506-519.	1.3	17
106	Toxicity to crustacea due to polypeptide-phospholipase interaction in the venom of a chactoid scorpion. Archives of Biochemistry and Biophysics, 1984, 229, 270-286.	1.4	16
107	Affinity purified tetanus toxin binds to isolated chromaffin granules and inhibits catecholamine release in digitonin-permeabilized chromaffin cells. FEBS Letters, 1989, 253, 121-128.	1.3	16
108	Preparation of affinity-purified, biotinylated tetanus toxin, and characterization and localization of cell surface binding sites on nerve growth factor-treated PC12 cells. Neurochemical Research, 1990, 15, 373-383.	1.6	16

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109	The activated nerve growth factor receptor p-TrkA is selectively expressed in advanced-stage ovarian carcinoma. Human Pathology, 2007, 38, 140-146.	1.1	16
110	Angiostatic effects of K252a, a Trk inhibitor, in murine brain capillary endothelial cells. Molecular and Cellular Biochemistry, 2010, 339, 201-213.	1.4	16
111	Transient signaling of Erk1/2, Akt and PLCÎ³ induced by nerve growth factor in brain capillary endothelial cells. Vascular Pharmacology, 2010, 53, 107-114.	1.0	16
112	Association of p75NTR and Î±9Î²1 integrin modulates NGF-dependent cellular responses. Cellular Signalling, 2015, 27, 1225-1236.	1.7	16
113	Bio-Imaging of Colorectal Cancer Models Using Near Infrared Labeled Epidermal Growth Factor. PLoS ONE, 2012, 7, e48803.	1.1	15
114	Pardaxin induces aggregation but not fusion of phosphatidylserine vesicles. FEBS Letters, 1988, 230, 131-136.	1.3	14
115	Interferon-Î³-induced neuronal differentiation of human umbilical cord blood-derived progenitors. Leukemia, 2009, 23, 1790-1800.	3.3	14
116	Cytolysins increase intracellular calcium and induce eicosanoids release by pheochromocytoma PC12 cell cultures. Natural Toxins, 1993, 1, 263-270.	1.0	13
117	Calcium-Dependent and -Independent Acetylcholine Release from Electric Organ Synaptosomes by Pardaxin: Evidence of a Biphasic Action of an Excitatory Neurotoxin. Journal of Neurochemistry, 1993, 60, 552-558.	2.1	13
118	VEGF-related protein isolated fromVipera palestinaevenom, promotes angiogenesis. Growth Factors, 2007, 25, 108-117.	0.5	13
119	Enhanced Survival and Neurite Network Formation of Human Umbilical Cord Blood Neuronal Progenitors in Three-Dimensional Collagen Constructs. Journal of Molecular Neuroscience, 2013, 51, 249-261.	1.1	13
120	Protein toxins of the Echis coloratus viper venom directly activate TRPV1. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 615-623.	1.1	13
121	Heterologous Upregulation of Nerve Growth Factor-TrkA Receptors in PC12 Cells by Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP). Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 1999, 2, 97-102.	1.7	12
122	Vipegitide: a folded peptidomimetic partial antagonist of α2β1 integrin with antiplatelet aggregation activity. Drug Design, Development and Therapy, 2015, 9, 291.	2.0	12
123	Novel Synthetic PEGylated Conjugate of Î±-Lipoic Acid and Tempol Reduces Cell Death in a Neuronal PC12 Clonal Line Subjected to Ischemia. ACS Chemical Neuroscience, 2016, 7, 1452-1462.	1.7	12
124	NGF Stimulation of erk Phosphorylation Is Impaired by a Point Mutation in the Transmembrane Domain of trkA Receptor. Journal of Molecular Neuroscience, 2000, 14, 069-076.	1.1	11
125	Nerve Growth Factor-Induced Angiogenesis: 1. Endothelial Cell Tube Formation Assay. Methods in Molecular Biology, 2018, 1727, 239-250.	0.4	11
126	Reverting the molecular fingerprint of tumor dormancy as a therapeutic strategy for glioblastoma. FASEB Journal, 2018, 32, 5835-5850.	0.2	11

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127	Research Progress on Neuroprotection of Insulin-like Growth Factor-1 towards Glutamate-Induced Neurotoxicity. Cells, 2022, 11, 666.	1.8	11
128	Staphylococcus aureus Î±-toxin. 1. Effect on protein phosphorylation in myelin. Toxicon, 1987, 25, 631-636.	0.8	10
129	Biphasic influence of hypoxia on tuftelin expression in mouse mesenchymal C3H10T1/2 stem cells. European Journal of Oral Sciences, 2011, 119, 55-61.	0.7	10
130	Nerve growth factor reduces myocardial ischemia/reperfusion injury in rat hearts. Journal of Basic and Clinical Physiology and Pharmacology, 2013, 24, 81-4.	0.7	10
131	Pardaxin-Stimulated Calcium Uptake in PC12 Cells is Blocked by Cadmium and is not Mediated by L-Type Calcium Channels. Journal of Basic and Clinical Physiology and Pharmacology, 1992, 3, 359-370.	0.7	9
132	Ion selectivity of the channels formed by pardaxin, an Ionophore, in bilayer membranes. Natural Toxins, 1995, 3, 151-155.	1.0	9
133	Cardiac microvascular endothelial cells express and release nerve growth factor but not fibroblast growth factor-2. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 469-476.	0.7	9
134	Transcriptional Down-regulation of Epidermal Growth Factor (EGF) Receptors by Nerve Growth Factor (NGF) in PC12 Cells. Journal of Molecular Neuroscience, 2014, 54, 574-585.	1.1	9
135	Tuftelin Is Required for NGF-Induced Differentiation of PC12 Cells. Journal of Molecular Neuroscience, 2019, 68, 135-143.	1.1	9
136	Neuroprotection against oxidative stress by serum from heat acclimated rats. Neuroscience Letters, 1998, 254, 89-92.	1.0	8
137	Rasagiline, a novel monoamine oxidase-B inhibitor with neuroprotective effects under ischemic conditions in PC12 cells. Drug Development Research, 2000, 50, 285-290.	1.4	8
138	THE STRUCTURE AND FUNCTION OF PARDAXIN. Toxin Reviews, 2002, 21, 391-421.	1.5	8
139	Near Infrared Optical Visualization of Epidermal Growth Factor Receptors Levels in COLO205 Colorectal Cell Line, Orthotopic Tumor in Mice and Human Biopsies. International Journal of Molecular Sciences, 2013, 14, 14669-14688.	1.8	8
140	Enhanced Therapeutic Anti-Inflammatory Effect of Betamethasone on Topical Administration with Low-Frequency, Low-Intensity (20 kHz, 100 mW/cm2) Ultrasound Exposure on Carrageenan-Induced Arthritis in a Mouse Model. Ultrasound in Medicine and Biology, 2015, 41, 2449-2457.	0.7	8
141	Human Umbilical Cord Blood CD45+ Pan-Hematopoietic Cells Induced a Neurotherapeutic Effect in Mice with Traumatic Brain Injury: Immunophenotyping, Comparison of Maternal and Neonatal Parameters, and Immunomodulation. Journal of Molecular Neuroscience, 2018, 64, 185-199.	1.1	8
142	Snake- and Spider-Venom-Derived Toxins as Lead Compounds for Drug Development. Methods in Molecular Biology, 2020, 2068, 3-26.	0.4	8
143	Staphylococcus aureus Î±-toxin. 2. Reduction of epidermal growth factor receptor affinity in PC12 cells. Toxicon, 1987, 25, 637-647.	0.8	7
144	Preparation of a cell-free translation system from PC12 cells. Neurochemical Research, 1996, 21, 801-807.	1.6	7

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145	Neuroprotection by NGF in the PC12 In Vitro OGD Model. Annals of the New York Academy of Sciences, 2005, 1053, 84-96.	1.8	7
146	Nerve growth factor plays a role in the neurotherapeutic effect of a CD45 + pan-hematopoietic subpopulation derived from human umbilical cord blood in a traumatic brain injury model. Cytotherapy, 2018, 20, 245-261.	0.3	7
147	Novel humanin analogs confer neuroprotection and myoprotection to neuronal and myoblast cell cultures exposed to ischemia-like and doxorubicin-induced cell death insults. Peptides, 2020, 134, 170399.	1.2	7
148	A mammal toxin derived from the venom of a chactoid scorpion. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1982, 71, 177-181.	0.2	6
149	Protein Kinase C-Independent Selective Induction of Nitric Oxide Synthase Activity in Rat Alveolar Macrophages by Staurosporine. Nitric Oxide - Biology and Chemistry, 1998, 2, 250-258.	1.2	6
150	Pardaxin, an ionophore neurotoxin, induces PC12 cell death: activation of stress kinases and production of reactive oxygen species. Journal of Natural Toxins, 2002, 11, 71-85.	0.1	6
151	Challenging Catecholamine Exocytosis with Pardaxin, an Excitatory Ionophore Fish Toxin. Toxin Reviews, 1994, 13, 45-63.	1.5	5
152	The microbial alkaloid toxin staurosporine blocks the phorbol esterâ€“induced increase in Î²â€amyloid precursor protein in PC12 cells. Natural Toxins, 1997, 5, 173-179.	1.0	5
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