Andrew W Stoker

List of Publications by Year
in descending order

49 papers	1,696 citations	279798 23 h-index	289244 40 g-index
49 all docs	49 docs citations	49 times ranked	1722 citing authors

#	Article	IF	Citations
1	Protein tyrosine phosphatases and signalling. Journal of Endocrinology, 2005, 185, 19-33.	2.6	208
2	Heparan Sulfate Proteoglycans Are Ligands for Receptor Protein Tyrosine Phosphatase Ïƒ. Molecular and Cellular Biology, 2002, 22, 1881-1892.	2.3	192
3	Protein tyrosine phosphatases in health and disease. FEBS Journal, 2013, 280, 708-730.	4.7	139
4	Receptor Tyrosine Phosphatases Guide Vertebrate Motor Axons during Development. Journal of Neuroscience, 2005, 25, 3813-3823.	3.6	77
5	Vanadium Compounds as PTP Inhibitors. Molecules, 2017, 22, 2269.	3.8	74
6	Protein tyrosine phosphatases and neural development. BioEssays, 1998, 20, 463-472.	2.5	72
7	The Receptor Tyrosine Phosphatase CrypÎ± Promotes Intraretinal Axon Growth. Journal of Cell Biology, 1999, 147, 375-388.	5.2	69
8	Structural basis for extracellular cis and trans RPTPÏƒ signal competition in synaptogenesis. Nature Communications, 2014, 5, 5209.	12.8	67
9	Protein tyrosine phosphatases: functional inferences from mouse models and human diseases. FEBS Journal, 2008, 275, 816-830.	4.7	64
10	Receptor tyrosine phosphatases in axon growth and guidance. Current Opinion in Neurobiology, 2001, 11, 95-102.	4.2	63
11	Expression of receptor tyrosine phosphatases during development of the retinotectal projection of the chick. , 1999, 39, 81-96.		48
12	Receptor protein tyrosine phosphatases regulate retinal ganglion cell axon outgrowth in the developingXenopus visual system. Journal of Neurobiology, 2001, 49, 99-117.	3.6	45
13	Isoforms of a novel cell adhesion molecule-like protein tyrosine phosphatase are implicated in neural development. Mechanisms of Development, 1994, 46, 201-217.	1.7	44
14	PTPÏƒ binds and dephosphorylates neurotrophin receptors and can suppress NGF-dependent neurite outgrowth from sensory neurons. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1689-1700.	4.1	38
15	Cloning of PCR products after defined cohesive termini are created with T4 DNA polymerase. Nucleic Acids Research, 1990, 18, 4290-4290.	14.5	35
16	Dimerization of Protein Tyrosine Phosphatase Ïƒ Governs both Ligand Binding and Isoform Specificity. Molecular and Cellular Biology, 2007, 27, 1795-1808.	2.3	35
17	Chick PTPÏ, Regulates the Targeting of Retinal Axons within the Optic Tectum. Journal of Neuroscience, 2002, 22, 5024-5033.	3.6	34
18	Tyrosine phosphatase inhibitors combined with retinoic acid can enhance differentiation of neuroblastoma cells and trigger ERK- and AKT-dependent, p53-independent senescence. Cancer Letters, 2013, 328, 44-54.	7.2	33

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19	Retinotectal Ligands for the Receptor Tyrosine Phosphatase CRYPÎ±. Molecular and Cellular Neurosciences, 1999, 14, 225-240.	2.2	32
20	PTPs emerge as PIPs: protein tyrosine phosphatases with lipid-phosphatase activities in human disease. Human Molecular Genetics, 2013, 22, R66-R76.	2.9	31
21	Cell surface nucleolin on developing muscle is a potential ligand for the axonal receptor protein tyrosine phosphatase-Ïƒ. FEBS Journal, 2006, 273, 4668-4681.	4.7	30
22	The Expression of Receptor Tyrosine Phosphatases Is Responsive to Sciatic Nerve Crush. Molecular and Cellular Neurosciences, 1998, 12, 93-104.	2.2	26
23	Isoform-specific binding of the tyrosine phosphatase ptpÏƒ to a ligand in developing muscle. Molecular and Cellular Neurosciences, 2003, 22, 37-48.	2.2	25
24	RPTPs in axons, synapses and neurology. Seminars in Cell and Developmental Biology, 2015, 37, 90-97.	5.0	23
25	Comparative localisation of CRYPÎ±, a CAM-like tyrosine phosphatase, and NgCAM in the developing chick visual system. Developmental Brain Research, 1995, 90, 129-140.	1.7	21
26	Expression of Receptor Protein Tyrosine Phosphatases in Embryonic Chick Spinal Cord. Molecular and Cellular Neurosciences, 2000, 16, 470-480.	2.2	15
27	Oxovanadium-based inhibitors can drive redox-sensitive cytotoxicity in neuroblastoma cells and synergise strongly with buthionine sulfoximine. Cancer Letters, 2015, 357, 316-327.	7.2	15
28	PTPÏƒ promotes retinal neurite outgrowth non-cell-autonomously. Journal of Neurobiology, 2005, 65, 59-71.	3.6	14
29	Phosphotyrosine signalling as a regulator of neural crest cell adhesion and motility. Cytoskeleton, 1999, 42, 101-113.	4.4	13
30	Methods for identifying extracellular ligands of RPTPs. Methods, 2005, 35, 80-89.	3.8	12
31	A Review of DUSP26: Structure, Regulation and Relevance in Human Disease. International Journal of Molecular Sciences, 2021, 22, 776.	4.1	12
32	Integrinâ€Targeted, Short Interfering RNA Nanocomplexes for Neuroblastoma Tumorâ€Specific Delivery Achieve MYCN Silencing with Improved Survival. Advanced Functional Materials, 2021, 31, 2104843.	14.9	12
33	Receptor tyrosine phosphatase PTPÎ³ is a regulator of spinal cord neurogenesis. Molecular and Cellular Neurosciences, 2011, 46, 469-482.	2.2	11
34	An FDA-Approved Drug Screen for Compounds Influencing Craniofacial Skeletal Development and Craniosynostosis. Molecular Syndromology, 2019, 10, 98-114.	0.8	11
35	MYCN Silencing by RNAi Induces Neurogenesis and Suppresses Proliferation in Models of Neuroblastoma with Resistance to Retinoic Acid. Nucleic Acid Therapeutics, 2020, 30, 237-248.	3.6	9
36	Chick receptor tyrosine phosphatase Î¨ is dynamically expressed during somitogenesis. Gene Expression Patterns, 2003, 3, 325-329.	0.8	8

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37	Developmental coâ€expression and functional redundancy of tyrosine phosphatases with neurotrophin receptors in developing sensory neurons. International Journal of Developmental Neuroscience, 2014, 34, 48-59.	1.6	8
38	The liposomal delivery of hydrophobic oxidovanadium complexes imparts highly effective cytotoxicity and differentiating capacity in neuroblastoma tumour cells. Scientific Reports, 2020, 10, 16660.	3.3	7
39	Axon guidance: Motor-way madness. Current Biology, 1996, 6, 794-797.	3.9	5
40	PTPBR7 Binding Proteins in Myelinating Neurons of the Mouse Brain. International Journal of Biological Sciences, 2011, 7, 978-991.	6.4	5
41	Protein tyrosine phosphatases: sequences and beyond. FEBS Journal, 2008, 275, 815-815.	4.7	4
42	Liposomal delivery of hydrophobic RAMBAs provides good bioavailability and significant enhancement of retinoic acid signalling in neuroblastoma tumour cells. Journal of Drug Targeting, 2020, 28, 643-654.	4.4	4
43	The cytotoxic action of BCI is not dependent on its stated DUSP1 or DUSP6 targets in neuroblastoma cells. FEBS Open Bio, 2022, , .	2.3	4
44	RPTPs and Cancer. , 2016, , 13-45.		1
45	Detection and Identification of Ligands for Mammalian RPTP Extracellular Domains. Methods in Molecular Biology, 2016, 1447, 267-281.	0.9	1
46	588. MYCN Silencing Using RNA Interference Causes Apoptosis and Differentiation in MYCN Amplified Neuroblastoma Cell Lines. Molecular Therapy, 2016, 24, S233.	8.2	0
47	P565â€...Validation of novel growth-promoting and growth-suppressing genes in neuroblastoma cells. , 2019, , .		0
48	The Role of Receptor Protein Tyrosine Phosphatases in Axonal Pathfinding. , 2003, , 867-870.		0
49	The Role of Receptor Protein Tyrosine Phosphatases in Axonal Pathfinding. , 2010, , 1949-1954.		0