

Raimo K Tuominen

List of Publications by Year in descending order

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35
papers

645
citations

687363

13
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective Potential of a Small Molecule RET Agonist in Cultured Dopamine Neurons and Hemiparkinsonian Rats. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1023-1046.	2.8	8
2	Protein kinase A Mediated Effects of Protein kinase C Partial Agonist HMI-1a3 in Colorectal Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, , JPET-AR-2021-000848.	2.5	2
3	Engineered antibody-functionalized porous silicon nanoparticles for therapeutic targeting of pro-survival pathway in endogenous neuroblasts after stroke. <i>Biomaterials</i> , 2020, 227, 119556.	11.4	23
4	Missing Selectivity of Targeted 4Î²-Phorbol Prodrugs Expected to be Potential Chemotherapeutics. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 671-677.	2.8	8
5	Glial Cell Lineâ€‘Derived Neurotrophic Factor Receptor Rearranged During Transfection Agonist Supports Dopamine Neurons <i>In Vitro</i> and Enhances Dopamine Release <i>In Vivo</i>. <i>Movement Disorders</i> , 2020, 35, 245-255.	3.9	24
6	Rigorous Computational Study Reveals What Docking Overlooks: Double Trouble from Membrane Association in Protein Kinase C Modulators. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5624-5633.	5.4	6
7	GDNF Receptor Agonist Alleviates Motor Imbalance in Unilateral 6-Hydroxydopamine Model of Parkinson's Disease. , 2020, 1, 100004.		1
8	Rat subthalamic stimulation: Evaluating stimulation-induced dyskinesias, choosing stimulation currents and evaluating the anti-akinetic effect in the cylinder test. <i>MethodsX</i> , 2019, 6, 2384-2395.	1.6	4
9	Combination of CDNF and Deep Brain Stimulation Decreases Neurological Deficits in Late-stage Model Parkinsonâ€™s Disease. <i>Neuroscience</i> , 2018, 374, 250-263.	2.3	27
10	Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) Elevates Stimulus-Evoked Release of Dopamine in Freely-Moving Rats. <i>Molecular Neurobiology</i> , 2018, 55, 6755-6768.	4.0	11
11	Anticancer activity of the protein kinase C modulator HMI â€‘a3 in 2D and 3D cell culture models of androgenâ€™responsive and androgenâ€™unresponsive prostate cancer. <i>FEBS Open Bio</i> , 2018, 8, 817-828.	2.3	9
12	MANF Promotes Differentiation and Migration of Neural Progenitor Cells with Potential Neural Regenerative Effects in Stroke. <i>Molecular Therapy</i> , 2018, 26, 238-255.	8.2	71
13	Downregulation of tyrosine hydroxylase phenotype after AAV injection above substantia nigra: Caution in experimental models of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2018, 97, 346-361.	2.9	24
14	Scaffold hopping from (5-hydroxymethyl) isophthalates to multisubstituted pyrimidines diminishes binding affinity to the C1 domain of protein kinase C. <i>PLoS ONE</i> , 2018, 13, e0195668.	2.5	8
15	Pre-Î±-pro-GDNF and Pre-Î²-pro-GDNF Isoforms Are Neuroprotective in the 6-hydroxydopamine Rat Model of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 457.	2.4	21
16	GDNF, CDNF and MANF have divergent effects on nigrostriatal dopamine neurochemistry in rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-52.	0.0	0
17	Effects of the C1 domain-targeted PKC modulator HMI-1a3 on the viability of colon cancer cells in culture. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-10-15.	0.0	0
18	Depolarizing Î³-aminobutyric acid contributes to glutamatergic network rewiring in epilepsy. <i>Annals of Neurology</i> , 2017, 81, 251-265.	5.3	49

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19	Evidence for an Additive Neurorestorative Effect of Simultaneously Administered CDNF and GDNF in Hemiparkinsonian Rats: Implications for Different Mechanism of Action. <i>ENeuro</i> , 2017, 4, ENEURO.0117-16.2017.	1.9	47
20	Protein Kinase C Activation as a Potential Therapeutic Strategy in Alzheimer's Disease: Is there a Role for Embryonic Lethal Abnormal Vision-like Proteins?. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 149-160.	2.5	49
21	Beyond the affinity for protein kinase C: exploring 2-phenyl-3-hydroxypropyl pivalate analogues as C1 domain-targeting ligands. <i>MedChemComm</i> , 2015, 6, 547-554.	3.4	6
22	Methadone's effect on nAChRs—a link between methadone use and smoking?. <i>Biochemical Pharmacology</i> , 2015, 97, 542-549.	4.4	13
23	C1 domain-targeted isophthalates as protein kinase C modulators: structure-based design, structure-activity relationships and biological activities. <i>Biochemical Society Transactions</i> , 2014, 42, 1543-1549.	3.4	6
24	Evidence for a role of MRCK in mediating HeLa cell elongation induced by the C1 domain ligand HMI-1a3. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 55, 46-57.	4.0	10
25	C1 Domain-Targeted Isophthalate Derivatives Induce Cell Elongation and Cell Cycle Arrest in HeLa Cells. <i>PLoS ONE</i> , 2011, 6, e20053.	2.5	24
26	Design, Synthesis, and Biological Activity of Isophthalic Acid Derivatives Targeted to the C1 Domain of Protein Kinase C. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3969-3981.	6.4	55
27	Nicotine-evoked exocytosis from bovine chromaffin cells is independent of phospholipase D activation. <i>Neuroscience Research Communications</i> , 2000, 26, 93-101.	0.2	1
28	Receptor-stimulated phospholipase D activity in bovine adrenal chromaffin cells. <i>Neuroscience Research Communications</i> , 1999, 24, 179-185.	0.2	0
29	Catechol-O-methyltransferase activity in rat brain primary neuronal and glial cell cultures and its inhibition by novel drugs. <i>Neuroscience Research Communications</i> , 1999, 25, 71-77.	0.2	2
30	Redox modulation of intracellular free calcium concentration in thyroid FRTL-5 cells: evidence for an enhanced extrusion of calcium. <i>Biochemical Journal</i> , 1999, 339, 621-628.	3.7	14
31	Inhibition of Nicotinic Responses by Cotinine in Bovine Adrenal Chromaffin Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998, 83, 188-193.	0.0	11
32	Morphine Withdrawal Alters Anterior Pituitary Hormone Secretion, Brain Endopeptidase Activity and Brain Monoamine Metabolism in the Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1996, 78, 129-135.	0.0	8
33	A Possible Role for Protein Kinase C in the Regulatory Differences between Intra-Abdominal and Subcutaneous Human Adipose Tissue. <i>Clinical Science</i> , 1993, 85, 265-268.	4.3	10
34	Different <i>in vivo</i> properties of three new inhibitors of catechol O-methyltransferase in the rat. <i>British Journal of Pharmacology</i> , 1992, 105, 569-574.	5.4	86
35	Comparison of the Effects of Intraventricular Taurine, GABA and Homotaurine on Serum Prolactin Levels in Male Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989, 65, 152-156.	0.0	7