

Tullio Florio

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238
papers

9,002
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53
h-index

82
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260
ext. papers

10,303
ext. citations

5.4
avg. IF

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L-index

#	Paper	IF	Citations
238	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
237	Chemokines and their receptors in the central nervous system. <i>Frontiers in Neuroendocrinology</i> , 2001 , 22, 147-84	8.9	294
236	Stromal cell-derived factor 1alpha stimulates human glioblastoma cell growth through the activation of both extracellular signal-regulated kinases 1/2 and Akt. <i>Cancer Research</i> , 2003 , 63, 1969-74 ^{10.1}	10.1	245
235	G protein activation of a hormone-stimulated phosphatase in human tumor cells. <i>Science</i> , 1992 , 256, 1215-7	33.3	190
234	17A, a novel non-coding RNA, regulates GABA B alternative splicing and signaling in response to inflammatory stimuli and in Alzheimer disease. <i>Neurobiology of Disease</i> , 2011 , 41, 308-17	7.5	178
233	Glial and neuronal cells express functional chemokine receptor CXCR4 and its natural ligand stromal cell-derived factor 1. <i>Journal of Neurochemistry</i> , 1999 , 73, 2348-57	6	178
232	Octreotide, a somatostatin analogue, mediates its antiproliferative action in pituitary tumor cells by altering phosphatidylinositol 3-kinase signaling and inducing Zac1 expression. <i>Cancer Research</i> , 2006 , 66, 1576-82	10.1	167
231	Stromal cell-derived factor-1alpha induces astrocyte proliferation through the activation of extracellular signal-regulated kinases 1/2 pathway. <i>Journal of Neurochemistry</i> , 2001 , 77, 1226-36	6	166
230	Stromal cell-derived factor-1alpha (SDF-1alpha/CXCL12) stimulates ovarian cancer cell growth through the EGF receptor transactivation. <i>Experimental Cell Research</i> , 2005 , 308, 241-53	4.2	139
229	Somatostatin inhibits tumor angiogenesis and growth via somatostatin receptor-3-mediated regulation of endothelial nitric oxide synthase and mitogen-activated protein kinase activities. <i>Endocrinology</i> , 2003 , 144, 1574-84	4.8	138
228	Metformin selectively affects human glioblastoma tumor-initiating cell viability: A role for metformin-induced inhibition of Akt. <i>Cell Cycle</i> , 2013 , 12, 145-56	4.7	129
227	Molecular mechanisms of the antiproliferative activity of somatostatin receptors (SSTRs) in neuroendocrine tumors. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 822-40	2.8	128
226	Expression of CXC chemokine receptors 1-5 and their ligands in human glioma tissues: role of CXCR4 and SDF1 in glioma cell proliferation and migration. <i>Neurochemistry International</i> , 2006 , 49, 423-32 ^{4.4}	4.4	125
225	Somatostatin activation of mitogen-activated protein kinase via somatostatin receptor 1 (SSTR1). <i>Molecular Endocrinology</i> , 1999 , 13, 24-37		109
224	An intronic ncRNA-dependent regulation of SORL1 expression affecting Aβ formation is upregulated in post-mortem Alzheimer disease brain samples. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 424-33	4.1	108
223	CXCL12 modulation of CXCR4 and CXCR7 activity in human glioblastoma stem-like cells and regulation of the tumor microenvironment. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 144	6.1	107
222	Different response of human glioma tumor-initiating cells to epidermal growth factor receptor kinase inhibitors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 7138-48	5.4	106

221	Drug-repositioning opportunities for cancer therapy: novel molecular targets for known compounds. <i>Drug Discovery Today</i> , 2016 , 21, 190-199	8.8	92
220	Somatostatin controls Kaposi's sarcoma tumor growth through inhibition of angiogenesis. <i>FASEB Journal</i> , 1999 , 13, 647-55	0.9	89
219	Chloride channels in cancer: Focus on chloride intracellular channel 1 and 4 (CLIC1 AND CLIC4) proteins in tumor development and as novel therapeutic targets. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 2523-31	3.8	88
218	Metformin repositioning as antitumoral agent: selective antiproliferative effects in human glioblastoma stem cells, via inhibition of CLIC1-mediated ion current. <i>Oncotarget</i> , 2014 , 5, 11252-68	3.3	87
217	The somatostatin analogue octreotide confers sensitivity to rapamycin treatment on pituitary tumor cells. <i>Cancer Research</i> , 2010 , 70, 666-74	10.1	84
216	Expression of the chemokine receptor CXCR4 and its ligand stromal cell-derived factor 1 in human brain tumors and their involvement in glial proliferation in vitro. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 60-9	6.5	84
215	NDM29, a RNA polymerase III-dependent non coding RNA, promotes amyloidogenic processing of APP and amyloid β secretion. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1170-7	4.9	83
214	EGFRvIII gene rearrangement is an early event in glioblastoma tumorigenesis and expression defines a hierarchy modulated by epigenetic mechanisms. <i>Oncogene</i> , 2013 , 32, 2670-81	9.2	83
213	Efficacy of a dopamine-somatostatin chimeric molecule, BIM-23A760, in the control of cell growth from primary cultures of human non-functioning pituitary adenomas: a multi-center study. <i>Endocrine-Related Cancer</i> , 2008 , 15, 583-96	5.7	82
212	Chemokines and their receptors in the CNS: expression of CXCL12/SDF-1 and CXCR4 and their role in astrocyte proliferation. <i>Toxicology Letters</i> , 2003 , 139, 181-9	4.4	81
211	Overexpression of stromal cell-derived factor 1 and its receptor CXCR4 induces autocrine/paracrine cell proliferation in human pituitary adenomas. <i>Clinical Cancer Research</i> , 2008 , 14, 5022-32	12.9	78
210	Inhibition of CXCL12/CXCR4 autocrine/paracrine loop reduces viability of human glioblastoma stem-like cells affecting self-renewal activity. <i>Toxicology</i> , 2013 , 314, 209-20	4.4	75
209	Peptide receptor targeting in cancer: the somatostatin paradigm. <i>International Journal of Peptides</i> , 2013 , 2013, 926295		75
208	Amyloid precursor protein and Presenilin1 interact with the adaptor GRB2 and modulate ERK 1,2 signaling. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13833-44	5.4	75
207	The histone demethylase KDM5A is a key factor for the resistance to temozolomide in glioblastoma. <i>Cell Cycle</i> , 2015 , 14, 3418-29	4.7	74
206	Intracellular calcium rise through L-type calcium channels, as molecular mechanism for prion protein fragment 106-126-induced astroglial proliferation. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 228, 397-405	3.4	74
205	Prion protein fragment 106-126 induces apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in the GH3 cell line. <i>Journal of Neuroscience Research</i> , 1998 , 54, 341-52	4.4	70
204	Cultured astrocyte proliferation induced by extracellular guanosine involves endogenous adenosine and is raised by the co-presence of microglia 2000 , 29, 202-211		70

203	Somatostatin inhibition of adenylate cyclase activity in different brain areas. <i>Brain Research</i> , 1989 , 492, 65-71	3.7	70
202	Expression of somatostatin receptor mRNA in human meningiomas and their implication in in vitro antiproliferative activity. <i>Journal of Neuro-Oncology</i> , 2004 , 66, 155-66	4.8	67
201	Chemokines and chemokine receptors: new actors in neuroendocrine regulations. <i>Frontiers in Neuroendocrinology</i> , 2011 , 32, 10-24	8.9	66
200	An Alu-like RNA promotes cell differentiation and reduces malignancy of human neuroblastoma cells. <i>FASEB Journal</i> , 2010 , 24, 4033-46	0.9	63
199	Multiple intracellular effectors modulate physiological functions of the cloned somatostatin receptors. <i>Journal of Molecular Endocrinology</i> , 1996 , 17, 89-100	4.5	62
198	17beta-estradiol promotes breast cancer cell proliferation-inducing stromal cell-derived factor-1-mediated epidermal growth factor receptor transactivation: reversal by gefitinib pretreatment. <i>Molecular Pharmacology</i> , 2008 , 73, 191-202	4.3	62
197	Expression of chemokine receptors in the rat brain. <i>Annals of the New York Academy of Sciences</i> , 1999 , 876, 201-9	6.5	62
196	Apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in rat cerebellar granule cells treated with the prion protein fragment 106-126. <i>Neurobiology of Disease</i> , 2000 , 7, 299-309	7.5	61
195	Somatostatin and its analog lanreotide inhibit the proliferation of dispersed human non-functioning pituitary adenoma cells in vitro. <i>European Journal of Endocrinology</i> , 1999 , 141, 396-408	6.5	61
194	Patient-derived xenograft in zebrafish embryos: a new platform for translational research in neuroendocrine tumors. <i>Endocrine</i> , 2017 , 57, 214-219	4	59
193	Somatostatin/somatostatin receptor signalling: phosphotyrosine phosphatases. <i>Molecular and Cellular Endocrinology</i> , 2008 , 286, 40-8	4.4	59
192	Contribution of two conserved glycine residues to fibrillogenesis of the 106-126 prion protein fragment. Evidence that a soluble variant of the 106-126 peptide is neurotoxic. <i>Journal of Neurochemistry</i> , 2003 , 85, 62-72	6	58
191	Polydeoxyribonucleotides enhance the proliferation of human skin fibroblasts: involvement of A2 purinergic receptor subtypes. <i>Life Sciences</i> , 1999 , 64, 1661-74	6.8	58
190	New molecules and old drugs as emerging approaches to selectively target human glioblastoma cancer stem cells. <i>BioMed Research International</i> , 2014 , 2014, 126586	3	57
189	Sorafenib selectively depletes human glioblastoma tumor-initiating cells from primary cultures. <i>Cell Cycle</i> , 2013 , 12, 491-500	4.7	57
188	p38 MAP kinase mediates the cell death induced by PrP106-126 in the SH-SY5Y neuroblastoma cells. <i>Neurobiology of Disease</i> , 2002 , 9, 69-81	7.5	57
187	Somatostatin inhibits PC Cl3 thyroid cell proliferation through the modulation of phosphotyrosine activity. Impairment of the somatostatinergetic effects by stable expression of E1A viral oncogene. <i>Journal of Biological Chemistry</i> , 1996 , 271, 6129-36	5.4	55
186	Role of chemokine network in the development and progression of ovarian cancer: a potential novel pharmacological target. <i>Journal of Oncology</i> , 2010 , 2010, 426956	4.5	54

185	Intracellular mechanisms mediating the neuronal death and astrogliosis induced by the prion protein fragment 106-126. <i>International Journal of Developmental Neuroscience</i> , 2000 , 18, 481-92	2.7	52
184	The somatostatin receptor SSTR1 is coupled to phosphotyrosine phosphatase activity in CHO-K1 cells. <i>Molecular Endocrinology</i> , 1994 , 8, 1289-1297		52
183	Persistent increase of D-aspartate in D-aspartate oxidase mutant mice induces a precocious hippocampal age-dependent synaptic plasticity and spatial memory decay. <i>Neurobiology of Aging</i> , 2011 , 32, 2061-74	5.6	51
182	The expression of the phosphotyrosine phosphatase DEP-1/PTPeta dictates the responsivity of glioma cells to somatostatin inhibition of cell proliferation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29004-12	5.4	48
181	The rat tyrosine phosphatase eta increases cell adhesion by activating c-Src through dephosphorylation of its inhibitory phosphotyrosine residue. <i>Oncogene</i> , 2005 , 24, 3187-95	9.2	48
180	Adult pituitary stem cells: from pituitary plasticity to adenoma development. <i>Neuroendocrinology</i> , 2011 , 94, 265-77	5.6	47
179	Inhibition of nuclear factor-kappaB activation induces apoptosis in cerebellar granule cells. <i>Journal of Neuroscience Research</i> , 2001 , 66, 1064-73	4.4	47
178	The activation of the phosphotyrosine phosphatase eta (r-PTP eta) is responsible for the somatostatin inhibition of PC Cl3 thyroid cell proliferation. <i>Molecular Endocrinology</i> , 2001 , 15, 1838-52		47
177	Autophagy Activator Drugs: A New Opportunity in Neuroprotection from Misfolded Protein Toxicity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	46
176	Neurodegeneration in Alzheimer disease: role of amyloid precursor protein and presenilin 1 intracellular signaling. <i>Journal of Toxicology</i> , 2012 , 2012, 187297	3.1	45
175	Prion protein fragment 106-126 induces a p38 MAP kinase-dependent apoptosis in SH-SY5Y neuroblastoma cells independently from the amyloid fibril formation. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 610-22	6.5	45
174	Minimalist hybrid ligand/receptor-based pharmacophore model for CXCR4 applied to a small-library of marine natural products led to the identification of phidianidine a as a new CXCR4 ligand exhibiting antagonist activity. <i>ACS Chemical Biology</i> , 2013 , 8, 2762-70	4.9	44
173	Chemokine stromal cell-derived factor 1alpha induces proliferation and growth hormone release in GH4C1 rat pituitary adenoma cell line through multiple intracellular signals. <i>Molecular Pharmacology</i> , 2006 , 69, 539-46	4.3	44
172	Somatostatin receptor 1 (SSTR1)-mediated inhibition of cell proliferation correlates with the activation of the MAP kinase cascade: role of the phosphotyrosine phosphatase SHP-2. <i>Journal of Physiology (Paris)</i> , 2000 , 94, 239-50		44
171	CXCR4 and SDF1 expression in human meningiomas: a proliferative role in tumoral meningothelial cells in vitro. <i>Neuro-Oncology</i> , 2007 , 9, 3-11	1	43
170	The creatine transporter mediates the uptake of creatine by brain tissue, but not the uptake of two creatine-derived compounds. <i>Neuroscience</i> , 2006 , 142, 991-7	3.9	43
169	SI113, a SGK1 inhibitor, potentiates the effects of radiotherapy, modulates the response to oxidative stress and induces cytotoxic autophagy in human glioblastoma multiforme cells. <i>Oncotarget</i> , 2016 , 7, 15868-84	3.3	43
168	The status of the art of human malignant glioma management: the promising role of targeting tumor-initiating cells. <i>Drug Discovery Today</i> , 2012 , 17, 1103-10	8.8	42

167	Differential toxicity, conformation and morphology of typical initial aggregation states of A β 1-42 and A β 3-42 beta-amyloids. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 2085-93	5.6	41
166	Somatostatin receptors 1, 2, and 5 cooperate in the somatostatin inhibition of C6 glioma cell proliferation in vitro via a phosphotyrosine phosphatase-eta-dependent inhibition of extracellularly regulated kinase-1/2. <i>Endocrinology</i> , 2008 , 149, 4736-46	4.8	41
165	Somatostatin receptor subtype-dependent regulation of nitric oxide release: involvement of different intracellular pathways. <i>Molecular Endocrinology</i> , 2005 , 19, 255-67		41
164	Pasireotide and octreotide antiproliferative effects and sst2 trafficking in human pancreatic neuroendocrine tumor cultures. <i>Endocrine-Related Cancer</i> , 2014 , 21, 691-704	5.7	39
163	Balance between somatostatin and D2 receptor expression drives TSH-secreting adenoma response to somatostatin analogues and dopastatins. <i>Clinical Endocrinology</i> , 2012 , 76, 407-14	3.4	39
162	Characterization of the intracellular mechanisms mediating somatostatin and lanreotide inhibition of DNA synthesis and growth hormone release from dispersed human GH-secreting pituitary adenoma cells in vitro. <i>Clinical Endocrinology</i> , 2003 , 59, 115-28	3.4	39
161	Somatostatin and SMS 201-995 reverse the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin. <i>European Journal of Pharmacology</i> , 1988 , 151, 399-407	5.3	39
160	Phenotypical and Pharmacological Characterization of Stem-Like Cells in Human Pituitary Adenomas. <i>Molecular Neurobiology</i> , 2017 , 54, 4879-4895	6.2	38
159	TGF-beta1 prevents gp120-induced impairment of Ca ²⁺ homeostasis and rescues cortical neurons from apoptotic death. <i>Journal of Neuroscience Research</i> , 1997 , 49, 600-7	4.4	38
158	Role of stromal cell-derived factor 1 (SDF1/CXCL12) in regulating anterior pituitary function. <i>Journal of Molecular Endocrinology</i> , 2007 , 38, 383-9	4.5	38
157	In vitro and in vivo antiproliferative activity of metformin on stem-like cells isolated from spontaneous canine mammary carcinomas: translational implications for human tumors. <i>BMC Cancer</i> , 2015 , 15, 228	4.8	37
156	beta 25-35 alters calcium homeostasis and induces neurotoxicity in cerebellar granule cells. <i>Journal of Neurochemistry</i> , 1996 , 66, 1995-2003	6	37
155	Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. <i>Oncotarget</i> , 2016 , 7, 38638-38657	3.3	37
154	A critical concentration of N-terminal pyroglutamylated amyloid beta drives the misfolding of Ab1-42 into more toxic aggregates. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 79, 261-270	5.6	36
153	Isolation of a long-lasting eag-related gene-type K ⁺ current in MMQ lactotrophs and its accommodating role during slow firing and prolactin release. <i>Journal of Neuroscience</i> , 2002 , 22, 3414-25	6.6	36
152	Different Effects of Human Umbilical Cord Mesenchymal Stem Cells on Glioblastoma Stem Cells by Direct Cell Interaction or Via Released Soluble Factors. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 312	6.1	34
151	Perhexiline maleate enhances antitumor efficacy of cisplatin in neuroblastoma by inducing over-expression of NDM29 ncRNA. <i>Scientific Reports</i> , 2015 , 5, 18144	4.9	32
150	In vivo and in vitro response to octreotide LAR in a TSH-secreting adenoma: characterization of somatostatin receptor expression and role of subtype 5. <i>Pituitary</i> , 2011 , 14, 141-7	4.3	32

149	ERK1/2 and p38 MAP kinases control prion protein fragment 90-231-induced astrocyte proliferation and microglia activation. <i>Glia</i> , 2007 , 55, 1469-85	9	32
148	Interleukin-1-beta modulation of prolactin secretion from rat anterior pituitary cells: involvement of adenylate cyclase activity and calcium mobilization. <i>Endocrinology</i> , 1990 , 126, 1435-41	4.8	32
147	Pharmacological activation of autophagy favors the clearing of intracellular aggregates of misfolded prion protein peptide to prevent neuronal death. <i>Cell Death and Disease</i> , 2018 , 9, 166	9.8	31
146	CXC receptor and chemokine expression in human meningioma: SDF1/CXCR4 signaling activates ERK1/2 and stimulates meningioma cell proliferation. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 332-43	6.5	31
145	Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. <i>Journal of Neuroimmunology</i> , 2011 , 234, 115-23	3.5	30
144	Basic fibroblast growth factor activates endothelial nitric-oxide synthase in CHO-K1 cells via the activation of ceramide synthesis. <i>Molecular Pharmacology</i> , 2003 , 63, 297-310	4.3	30
143	The phosphotyrosine phosphatase eta mediates somatostatin inhibition of glioma proliferation via the dephosphorylation of ERK1/2. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 264-74	6.5	30
142	Expression in E. coli and purification of recombinant fragments of wild type and mutant human prion protein. <i>Neurochemistry International</i> , 2002 , 41, 55-63	4.4	30
141	Efficacy of novel acridine derivatives in the inhibition of hPrP90-231 prion protein fragment toxicity. <i>Neurotoxicity Research</i> , 2011 , 19, 556-74	4.3	29
140	Dual modulation of ERK1/2 and p38 MAP kinase activities induced by minocycline reverses the neurotoxic effects of the prion protein fragment 90-231. <i>Neurotoxicity Research</i> , 2009 , 15, 138-54	4.3	29
139	Somatostatin inhibits interleukin 6 release from rat cortical type I astrocytes via the inhibition of adenylyl cyclase. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 235, 242-8	3.4	29
138	Somatostatin inhibition of anterior pituitary adenylate cyclase activity: different sensitivity between male and female rats. <i>Brain Research</i> , 1988 , 439, 322-9	3.7	29
137	Emerging multitarget tyrosine kinase inhibitors in the treatment of neuroendocrine neoplasms. <i>Endocrine-Related Cancer</i> , 2018 , 25, R453-R466	5.7	29
136	High hydrophobic amino acid exposure is responsible of the neurotoxic effects induced by E200K or D202N disease-related mutations of the human prion protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 372-82	5.6	28
135	Neuroendocrine tumors: insights into innovative therapeutic options and rational development of targeted therapies. <i>Drug Discovery Today</i> , 2014 , 19, 458-68	8.8	27
134	An interaction between hepatocyte growth factor and its receptor (c-MET) prolongs the survival of chronic lymphocytic leukemic cells through STAT3 phosphorylation: a potential role of mesenchymal cells in the disease. <i>Haematologica</i> , 2011 , 96, 1015-23	6.6	27
133	Human PrP90-231-induced cell death is associated with intracellular accumulation of insoluble and protease-resistant macroaggregates and lysosomal dysfunction. <i>Cell Death and Disease</i> , 2011 , 2, e138	9.8	27
132	Identification of a conserved N-capping box important for the structural autonomy of the prion alpha 3-helix: the disease associated D202N mutation destabilizes the helical conformation. <i>International Journal of Immunopathology and Pharmacology</i> , 2005 , 18, 95-112	3	27

131	The Activation of the Phosphotyrosine Phosphatase [̳(r-PTP)] Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. <i>Molecular Endocrinology</i> , 2001 , 15, 1838-1852		27
130	Ruta graveolens L. induces death of glioblastoma cells and neural progenitors, but not of neurons, via ERK 1/2 and AKT activation. <i>PLoS ONE</i> , 2015 , 10, e0118864	3.7	26
129	Conformation dependent pro-apoptotic activity of the recombinant human prion protein fragment 90-231. <i>International Journal of Immunopathology and Pharmacology</i> , 2006 , 19, 339-56	3	26
128	Age-related alterations of somatostatin gene expression in different rat brain areas. <i>Brain Research</i> , 1991 , 557, 64-8	3.7	26
127	Inhibition of the Autophagy Pathway Synergistically Potentiates the Cytotoxic Activity of Givinostat (ITF2357) on Human Glioblastoma Cancer Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 107	6.1	26
126	Intracellular accumulation of a mild-denatured monomer of the human PrP fragment 90-231, as possible mechanism of its neurotoxic effects. <i>Journal of Neurochemistry</i> , 2007 , 103, 2597-609	6	25
125	Protective effects of some creatine derivatives in brain tissue anoxia. <i>Neurochemical Research</i> , 2008 , 33, 765-75	4.6	25
124	Celecoxib Inhibits Prion Protein 90-231-Mediated Pro-inflammatory Responses in Microglial Cells. <i>Molecular Neurobiology</i> , 2016 , 53, 57-72	6.2	24
123	Role of prion protein aggregation in neurotoxicity. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8648-69	6.3	24
122	SDF-1 controls pituitary cell proliferation through the activation of ERK1/2 and the Ca ²⁺ -dependent, cytosolic tyrosine kinase Pyk2. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 385-98	6.5	24
121	Purine nucleosides protect injured neurons and stimulate neuronal regeneration by intracellular and membrane receptor-mediated mechanisms. <i>Drug Development Research</i> , 2001 , 52, 303-315	5.1	24
120	Metformin inhibition of neuroblastoma cell proliferation is differently modulated by cell differentiation induced by retinoic acid or overexpression of NDM29 non-coding RNA. <i>Cancer Cell International</i> , 2014 , 14, 59	6.4	23
119	Tryptophan hydroxylase 2 (TPH2) in a neuronal cell line: modulation by cell differentiation and NRSF/rest activity. <i>Journal of Neurochemistry</i> , 2012 , 123, 963-70	6	22
118	Intracellular signalling mediating HIV-1 gp120 neurotoxicity. <i>Cellular Signalling</i> , 1998 , 10, 75-84	4.9	22
117	In vitro effect of human recombinant leptin and expression of leptin receptors on growth hormone-secreting human pituitary adenomas. <i>Clinical Endocrinology</i> , 2002 , 57, 449-55	3.4	22
116	A novel mechanism for the melatonin inhibition of testosterone secretion by rat Leydig cells: reduction of GnRH-induced increase in cytosolic Ca ²⁺ . <i>Journal of Molecular Endocrinology</i> , 1999 , 23, 299-306	4.5	22
115	Alpha 1 B, but not alpha 1A, adrenoreceptor activates calcium influx through the stimulation of a tyrosine kinase/phosphotyrosine phosphatase pathway, following noradrenaline-induced emptying of IP3 sensitive calcium stores, in PC Cl3 rat thyroid cell line. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 209, 630-8	3.4	22
114	An intracellular multi-effector complex mediates somatostatin receptor 1 activation of phospho-tyrosine phosphatase eta. <i>Molecular Endocrinology</i> , 2007 , 21, 229-46		21

113	In vitro and in vivo characterization of stem-like cells from canine osteosarcoma and assessment of drug sensitivity. <i>Experimental Cell Research</i> , 2018 , 363, 48-64	4.2	20
112	Differential efficacy of SSTR1, -2, and -5 agonists in the inhibition of C6 glioma growth in nude mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E1078-88	6	20
111	Gefitinib targets EGFR dimerization and ERK1/2 phosphorylation to inhibit pleural mesothelioma cell proliferation. <i>Current Cancer Drug Targets</i> , 2010 , 10, 176-91	2.8	20
110	Drug design strategies focusing on the CXCR4/CXCR7/CXCL12 pathway in leukemia and lymphoma. <i>Expert Opinion on Drug Discovery</i> , 2016 , 11, 1093-1109	6.2	20
109	Histone Deacetylase Inhibitors Impair Vasculogenic Mimicry from Glioblastoma Cells. <i>Cancers</i> , 2019 , 11,	6.6	19
108	Adiponectin as novel regulator of cell proliferation in human glioblastoma. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1444-54	7	19
107	Isolation of stem-like cells from spontaneous feline mammary carcinomas: phenotypic characterization and tumorigenic potential. <i>Experimental Cell Research</i> , 2012 , 318, 847-60	4.2	19
106	Oncogene transformation of PC Cl3 clonal thyroid cell line induces an autonomous pattern of proliferation that correlates with a loss of basal and stimulated phosphotyrosine phosphatase activity. <i>Endocrinology</i> , 1997 , 138, 3756-63	4.8	19
105	Somatostatin inhibits colon cancer cell growth through cyclooxygenase-2 downregulation. <i>British Journal of Pharmacology</i> , 2008 , 155, 198-209	8.6	19
104	Cabergoline modulation of alpha-subunits and FSH secretion in a gonadotroph adenoma. <i>Journal of Endocrinological Investigation</i> , 2000 , 23, 463-6	5.2	19
103	Novel celecoxib analogues inhibit glial production of prostaglandin E2, nitric oxide, and oxygen radicals reverting the neuroinflammatory responses induced by misfolded prion protein fragment 90-231 or lipopolysaccharide. <i>Pharmacological Research</i> , 2016 , 113, 500-514	10.2	19
102	The inhibition of FGF receptor 1 activity mediates sorafenib antiproliferative effects in human malignant pleural mesothelioma tumor-initiating cells. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 119	8.3	18
101	Preclinical studies identify novel targeted pharmacological strategies for treatment of human malignant pleural mesothelioma. <i>British Journal of Pharmacology</i> , 2012 , 166, 532-53	8.6	18
100	Combined chemotherapy with cytotoxic and targeted compounds for the management of human malignant pleural mesothelioma. <i>Trends in Pharmacological Sciences</i> , 2011 , 32, 463-79	13.2	18
99	Proteasome inhibitors induce cerebellar granule cell death: inhibition of nuclear factor-kB activation. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 402-13	6.5	18
98	Anti-proliferative and anti-secretory effects of everolimus on human pancreatic neuroendocrine tumors primary cultures: is there any benefit from combination with somatostatin analogs?. <i>Oncotarget</i> , 2017 , 8, 41044-41063	3.3	18
97	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. <i>Frontiers in Pharmacology</i> , 2018 , 9, 899	5.6	18
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