Tullio Florio

List of Publications by Year in Descending Order

238 papers	9,002 citations	53 h-index	82 g-index
260 ext. papers	10,303 ext. citations	5.4 avg, IF	5.72 L-index

#	Paper	IF	Citations
238	Chloride intracellular channel 1 activity is not required for glioblastoma development but its inhibition dictates glioma stem cell responsivity to novel biguanide derivatives.. *Journal of Experimental and Clinical Cancer Research*, **2022**, 41, 53	12.8	0
237	Structure and Properties of Electrochemically Synthesized Silver Nanoparticles in Aqueous Solution by High-Resolution Techniques. *Molecules*, **2021**, 26, 5155	4.8	2
236	Structure and Properties of Electrochemically Synthesized Silver Nanoparticles in Aqueous Solution by High-Resolution Techniques. *Molecules*, **2021**, 26,	4.8	1
235	An Overview of Long Non-Coding (lnc)RNAs in Neuroblastoma. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
234	Octreotide and Pasireotide Combination Treatment in Somatotroph Tumor Cells: Predominant Role of SST in Mediating Ligand Effects. *Cancers*, **2021**, 13,	6.6	3
233	Immune Checkpoint Inhibitors: New Weapons Against Medullary Thyroid Cancer?. *Frontiers in Endocrinology*, **2021**, 12, 667784	5.7	4
232	Efficacy of a Three Drug-Based Therapy for Neuroblastoma in Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
231	Commentary: Case Report: Abdominal Lymph Node Metastases of Parathyroid Carcinoma: Diagnostic Workup, Molecular Diagnosis, and Clinical Management. *Frontiers in Endocrinology*, **2021** , 12, 700806	5.7	0
230	Two Novel PET Radiopharmaceuticals for Endothelial Vascular Cell Adhesion Molecule-1 (VCAM-1) Targeting. *Pharmaceutics*, **2021**, 13,	6.4	6
229	N6-Isopentenyladenosine Hinders the Vasculogenic Mimicry in Human Glioblastoma Cells through Src-120 Catenin Pathway Modulation and RhoA Activity Inhibition. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
228	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
227	Extracellular Vesicles Loaded miRNAs as Potential Modulators Shared Between Glioblastoma, and Parkinson and Alzheimer Diseases. *Frontiers in Cellular Neuroscience*, **2020**, 14, 590034	6.1	5
226	Cross talk between mesenchymal and glioblastoma stem cells: Communication beyond controversies. *Stem Cells Translational Medicine*, **2020**, 9, 1310-1330	6.9	13
225	Experimental Evidence and Clinical Implications of Pituitary Adenoma Stem Cells. *Frontiers in Endocrinology*, **2020**, 11, 54	5.7	5
224	Emerging Therapies in Pheochromocytoma and Paraganglioma: Immune Checkpoint Inhibitors in the Starting Blocks. *Journal of Clinical Medicine*, **2020**, 10,	5.1	10
223	Exosomes and Extracellular Vesicles as Emerging Theranostic Platforms in Cancer Research. *Cells*, **2020**, 9,	7.9	14
222	Co-Administration of Fendiline Hydrochloride Enhances Chemotherapeutic Efficacy of Cisplatin in Neuroblastoma Treatment. *Molecules*, **2020**, 25,	4.8	2

221	MCM2 and Carbonic Anhydrase 9 Are Novel Potential Targets for Neuroblastoma Pharmacological Treatment. *Biomedicines*, **2020**, 8,	4.8	3
220	Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. *Bioorganic Chemistry*, **2020**, 105, 104337	5.1	2
219	Histone Deacetylase Inhibitors Impair Vasculogenic Mimicry from Glioblastoma Cells. *Cancers*, **2019**, 11,	6.6	19
218	Repurposed Biguanide Drugs in Glioblastoma Exert Antiproliferative Effects via the Inhibition of Intracellular Chloride Channel 1 Activity. *Frontiers in Oncology*, **2019**, 9, 135	5.3	14
217	Autophagy Activator Drugs: A New Opportunity in Neuroprotection from Misfolded Protein Toxicity. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	46
216	Proteases Upregulation in Sporadic Alzheimer's Disease Brain. *Journal of Alzheimer's Disease*, **2019**, 68, 931-938	4.3	6
215	Effects of Prion Protein on A42 and Pyroglutamate-Modified A3-42 Oligomerization and Toxicity. *Molecular Neurobiology*, **2019**, 56, 1957-1971	6.2	9
214	Biological and Biochemical Basis of the Differential Efficacy of First and Second Generation Somatostatin Receptor Ligands in Neuroendocrine Neoplasms. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	13
213	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	4
212	Emerging Role of Cellular Prion Protein in the Maintenance and Expansion of Glioma Stem Cells. *Cells*, **2019**, 8,	7.9	5
211	In Silico Identification and Experimental Validation of Novel Anti-Alzheimer's Multitargeted Ligands from a Marine Source Featuring a "2-Aminoimidazole plus Aromatic Group" Scaffold. *ACS Chemical Neuroscience*, **2018**, 9, 1290-1303	5.7	8
210	Development of an Injectable Slow-Release Metformin Formulation and Evaluation of Its Potential Antitumor Effects. *Scientific Reports*, **2018**, 8, 3929	4.9	16
209	Sprouty2 enhances the tumorigenic potential of glioblastoma cells. *Neuro-Oncology*, **2018**, 20, 1044-1054		14
208	Pharmacological activation of autophagy favors the clearing of intracellular aggregates of misfolded prion protein peptide to prevent neuronal death. *Cell Death and Disease*, **2018**, 9, 166	9.8	31
207	In vitro and in vivo characterization of stem-like cells from canine osteosarcoma and assessment of drug sensitivity. *Experimental Cell Research*, **2018**, 363, 48-64	4.2	20
206	Mutual Influence of ROS, pH, and CLIC1 Membrane Protein in the Regulation of G-S Phase Progression in Human Glioblastoma Stem Cells. *Molecular Cancer Therapeutics*, **2018**, 17, 2451-2461	6.1	13
205	Complexity and Selectivity of Secretase Cleavage on Multiple Substrates: Consequences in Alzheimer's Disease and Cancer. *Journal of Alzheimer's Disease*, **2018**, 61, 1-15	4.3	13
204	Primary Cultures from Human GH-secreting or Clinically Non-functioning Pituitary Adenomas. *Bio-protocol*, **2018**, 8, e2790	0.9	1

203	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. *Frontiers in Pharmacology*, **2018**, 9, 899	5.6	18
202	Emerging multitarget tyrosine kinase inhibitors in the treatment of neuroendocrine neoplasms. *Endocrine-Related Cancer*, **2018**, 25, R453-R466	5.7	29
201	Different Molecular Mechanisms Mediate Direct or Glia-Dependent Prion Protein Fragment 90-231 Neurotoxic Effects in Cerebellar Granule Neurons. *Neurotoxicity Research*, **2017**, 32, 381-397	4.3	4
200	The inhibition of FGF receptor 1 activity mediates sorafenib antiproliferative effects in human malignant pleural mesothelioma tumor-initiating cells. *Stem Cell Research and Therapy*, **2017**, 8, 119	8.3	18
199	Patient-derived xenograft in zebrafish embryos: a new platform for translational research in neuroendocrine tumors. *Endocrine*, **2017**, 57, 214-219	4	59
198	Phenotypical and Pharmacological Characterization of Stem-Like Cells in Human Pituitary Adenomas. *Molecular Neurobiology*, **2017**, 54, 4879-4895	6.2	38
197	Different Effects of Human Umbilical Cord Mesenchymal Stem Cells on Glioblastoma Stem Cells by Direct Cell Interaction or Via Released Soluble Factors. *Frontiers in Cellular Neuroscience*, **2017**, 11, 312	6.1	34
196	The inhibition of 45A ncRNA expression reduces tumor formation, affecting tumor nodules compactness and metastatic potential in neuroblastoma cells. *Oncotarget*, **2017**, 8, 8189-8205	3.3	11
195	A novel splice variant of the protein tyrosine phosphatase PTPRJ that encodes for a soluble protein involved in angiogenesis. *Oncotarget*, **2017**, 8, 10091-10102	3.3	5
194	Anti-proliferative and anti-secretory effects of everolimus on human pancreatic neuroendocrine tumors primary cultures: is there any benefit from combination with somatostatin analogs?. *Oncotarget*, **2017**, 8, 41044-41063	3.3	18
193	Drug-repositioning opportunities for cancer therapy: novel molecular targets for known compounds. *Drug Discovery Today*, **2016**, 21, 190-199	8.8	92
192	A critical concentration of N-terminal pyroglutamylated amyloid beta drives the misfolding of Ab1-42 into more toxic aggregates. *International Journal of Biochemistry and Cell Biology*, **2016**, 79, 261-270	5.6	36
191	FGFR4 Polymorphism as Molecular Determinant of the Efficacy of mTOR Inhibitors In GH-Secreting Pituitary Adenomas. *Endocrinology*, **2016**, 157, 3400-1	4.8	1
190	Celecoxib Inhibits Prion Protein 90-231-Mediated Pro-inflammatory Responses in Microglial Cells. *Molecular Neurobiology*, **2016**, 53, 57-72	6.2	24
189	SI113, a SGK1 inhibitor, potentiates the effects of radiotherapy, modulates the response to oxidative stress and induces cytotoxic autophagy in human glioblastoma multiforme cells. *Oncotarget*, **2016**, 7, 15868-84	3.3	43
188	Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. *Oncotarget*, **2016**, 7, 38638-38657	3.3	37
187	Molecular Pharmacology of Malignant Pleural Mesothelioma: Challenges and Perspectives From Preclinical and Clinical Studies. *Current Drug Targets*, **2016**, 17, 824-49	3	8
186	PPAR Gamma in Neuroblastoma: The Translational Perspectives of Hypoglycemic Drugs. *PPAR Research*, **2016**, 2016, 3038164	4.3	11

185	Inhibition of the Autophagy Pathway Synergistically Potentiates the Cytotoxic Activity of Givinostat (ITF2357) on Human Glioblastoma Cancer Stem Cells. *Frontiers in Molecular Neuroscience*, **2016**, 9, 107	6.1	26
184	Drug design strategies focusing on the CXCR4/CXCR7/CXCL12 pathway in leukemia and lymphoma. *Expert Opinion on Drug Discovery*, **2016**, 11, 1093-1109	6.2	20
183	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. *Pharmacological Research*, **2016**, 113, 500-514	10.2	19
182	Down-regulation of 21A Alu RNA as a tool to boost proliferation maintaining the tissue regeneration potential of progenitor cells. *Cell Cycle*, **2016**, 15, 2420-30	4.7	3
181	Canine osteosarcoma cell lines contain stem-like cancer cells: biological and pharmacological characterization. *Japanese Journal of Veterinary Research*, **2016**, 64, 101-12		3
180	Chloride channels in cancer: Focus on chloride intracellular channel 1 and 4 (CLIC1 AND CLIC4) proteins in tumor development and as novel therapeutic targets. *Biochimica Et Biophysica Acta - Biomembranes*, **2015**, 1848, 2523-31	3.8	88
179	In vitro and in vivo antiproliferative activity of metformin on stem-like cells isolated from spontaneous canine mammary carcinomas: translational implications for human tumors. *BMC Cancer*, **2015**, 15, 228	4.8	37
178	The histone demethylase KDM5A is a key factor for the resistance to temozolomide in glioblastoma. *Cell Cycle*, **2015**, 14, 3418-29	4.7	74
177	Perhexiline maleate enhances antitumor efficacy of cisplatin in neuroblastoma by inducing over-expression of NDM29 ncRNA. *Scientific Reports*, **2015**, 5, 18144	4.9	32
176	Ruta graveolens L. induces death of glioblastoma cells and neural progenitors, but not of neurons, via ERK 1/2 and AKT activation. *PLoS ONE*, **2015**, 10, e0118864	3.7	26
175	Adiponectin as novel regulator of cell proliferation in human glioblastoma. *Journal of Cellular Physiology*, **2014**, 229, 1444-54	7	19
174	Pasireotide and octreotide antiproliferative effects and sst2 trafficking in human pancreatic neuroendocrine tumor cultures. *Endocrine-Related Cancer*, **2014**, 21, 691-704	5.7	39
173	New molecules and old drugs as emerging approaches to selectively target human glioblastoma cancer stem cells. *BioMed Research International*, **2014**, 2014, 126586	3	57
172	CXCL12 modulation of CXCR4 and CXCR7 activity in human glioblastoma stem-like cells and regulation of the tumor microenvironment. *Frontiers in Cellular Neuroscience*, **2014**, 8, 144	6.1	107
171	Emerging Targets in Pituitary Adenomas: Role of the CXCL12/CXCR4-R7 System. *International Journal of Endocrinology*, **2014**, 2014, 753524	2.7	17
170	Adult Pituitary Stem Cells. *Pancreatic Islet Biology*, **2014**, 91-109	0.4	1
169	Metformin inhibition of neuroblastoma cell proliferation is differently modulated by cell differentiation induced by retinoic acid or overexpression of NDM29 non-coding RNA. *Cancer Cell International*, **2014**, 14, 59	6.4	23
168	Neuroendocrine tumors: insights into innovative therapeutic options and rational development of targeted therapies. *Drug Discovery Today*, **2014**, 19, 458-68	8.8	27

167	Metformin repositioning as antitumoral agent: selective antiproliferative effects in human glioblastoma stem cells, via inhibition of CLIC1-mediated ion current. *Oncotarget*, **2014**, 5, 11252-68	3.3	87
166	EGFRvIII gene rearrangement is an early event in glioblastoma tumorigenesis and expression defines a hierarchy modulated by epigenetic mechanisms. *Oncogene*, **2013**, 32, 2670-81	9.2	83
165	Excitotoxicity through NMDA receptors mediates cerebellar granule neuron apoptosis induced by prion protein 90-231 fragment. *Neurotoxicity Research*, **2013**, 23, 301-14	4.3	17
164	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. *ACS Chemical Biology*, **2013**, 8, 2762-70	4.9	44
163	Inhibition of CXCL12/CXCR4 autocrine/paracrine loop reduces viability of human glioblastoma stem-like cells affecting self-renewal activity. *Toxicology*, **2013**, 314, 209-20	4.4	75
162	A novel snRNA-like transcript affects amyloidogenesis and cell cycle progression through perturbation of Fe65L1 (APBB2) alternative splicing. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2013**, 1833, 1511-26	4.9	14
161	Sorafenib selectively depletes human glioblastoma tumor-initiating cells from primary cultures. *Cell Cycle*, **2013**, 12, 491-500	4.7	57
160	Metformin selectively affects human glioblastoma tumor-initiating cell viability: A role for metformin-induced inhibition of Akt. *Cell Cycle*, **2013**, 12, 145-56	4.7	129
159	Peptide receptor targeting in cancer: the somatostatin paradigm. *International Journal of Peptides*, **2013**, 2013, 926295		75
158	An intronic ncRNA-dependent regulation of SORL1 expression affecting A formation is upregulated in post-mortem Alzheimer disease brain samples. *DMM Disease Models and Mechanisms*, **2013**, 6, 424-33	4.1	108
157	Neuroblastoma: Inhibition by Alu-Like RNA. *Pediatric Cancer*, **2013**, 57-66		
156	NDM29, a RNA polymerase III-dependent non coding RNA, promotes amyloidogenic processing of APP and amyloid secretion. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2012**, 1823, 1170-7	4.9	83
155	Goat anti-human GM-CSF recognizes canine GM-CSF. *Veterinary Clinical Pathology*, **2012**, 41, 3-4	1	1
154	Isolation of stem-like cells from spontaneous feline mammary carcinomas: phenotypic characterization and tumorigenic potential. *Experimental Cell Research*, **2012**, 318, 847-60	4.2	19
153	Preclinical studies identify novel targeted pharmacological strategies for treatment of human malignant pleural mesothelioma. *British Journal of Pharmacology*, **2012**, 166, 532-53	8.6	18
152	In vitro study of uptake and synthesis of creatine and its precursors by cerebellar granule cells and astrocytes suggests some hypotheses on the physiopathology of the inherited disorders of creatine metabolism. *BMC Neuroscience*, **2012**, 13, 41	3.2	14
151	CXCR4 expression in feline mammary carcinoma cells: evidence of a proliferative role for the SDF-1/CXCR4 axis. *BMC Veterinary Research*, **2012**, 8, 27	2.7	14
150	Tryptophan hydroxylase 2 (TPH2) in a neuronal cell line: modulation by cell differentiation and NRSF/rest activity. *Journal of Neurochemistry*, **2012**, 123, 963-70	6	22

149	Differential toxicity, conformation and morphology of typical initial aggregation states of Aβ1-42 and Aβpy3-42 beta-amyloids. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 2085-93	5.6	41
148	The status of the art of human malignant glioma management: the promising role of targeting tumor-initiating cells. *Drug Discovery Today*, **2012**, 17, 1103-10	8.8	42
147	Calcium binding promotes prion protein fragment 90-231 conformational change toward a membrane destabilizing and cytotoxic structure. *PLoS ONE*, **2012**, 7, e38314	3.7	13
146	Neurodegeneration in Alzheimer disease: role of amyloid precursor protein and presenilin 1 intracellular signaling. *Journal of Toxicology*, **2012**, 2012, 187297	3.1	45
145	Amyloid-β protein precursor regulates phosphorylation and cellular compartmentalization of microtubule associated protein tau. *Journal of Alzheimer's Disease*, **2012**, 29, 211-27	4.3	14
144	Balance between somatostatin and D2 receptor expression drives TSH-secreting adenoma response to somatostatin analogues and dopastatins. *Clinical Endocrinology*, **2012**, 76, 407-14	3.4	39
143	A novel collection of snRNA-like promoters with tissue-specific transcription properties. *International Journal of Molecular Sciences*, **2012**, 13, 11323-32	6.3	5
142	Role of prion protein aggregation in neurotoxicity. *International Journal of Molecular Sciences*, **2012** , 13, 8648-69	6.3	24
141	Recombinant human prion protein fragment 90-231, a useful model to study prion neurotoxicity. *OMICS A Journal of Integrative Biology*, **2012**, 16, 50-9	3.8	9
140	High hydrophobic amino acid exposure is responsible of the neurotoxic effects induced by E200K or D202N disease-related mutations of the human prion protein. *International Journal of Biochemistry and Cell Biology*, **2011**, 43, 372-82	5.6	28
139	The pathological prion protein forms ionic conductance in lipid bilayer. *Neurochemistry International* , **2011**, 59, 168-74	4.4	16
138	Combined chemotherapy with cytotoxic and targeted compounds for the management of human malignant pleural mesothelioma. *Trends in Pharmacological Sciences*, **2011**, 32, 463-79	13.2	18
137	Persistent increase of D-aspartate in D-aspartate oxidase mutant mice induces a precocious hippocampal age-dependent synaptic plasticity and spatial memory decay. *Neurobiology of Aging*, **2011**, 32, 2061-74	5.6	51
136	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. *Haematologica*, **2011**, 96, 1015-23	6.6	27
135	17A, a novel non-coding RNA, regulates GABA B alternative splicing and signaling in response to inflammatory stimuli and in Alzheimer disease. *Neurobiology of Disease*, **2011**, 41, 308-17	7.5	178
134	Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. *Journal of Neuroimmunology*, **2011**, 234, 115-23	3.5	30
133	Chemokines and chemokine receptors: new actors in neuroendocrine regulations. *Frontiers in Neuroendocrinology*, **2011**, 32, 10-24	8.9	66
132	Receptor tyrosine kinase inhibitors and cytotoxic drugs affect pleural mesothelioma cell proliferation: insight into EGFR and ERK1/2 as antitumor targets. *Biochemical Pharmacology*, **2011**, 82, 1467-77	6	17

131	In vivo and in vitro response to octreotide LAR in a TSH-secreting adenoma: characterization of somatostatin receptor expression and role of subtype 5. *Pituitary*, **2011**, 14, 141-7	4.3	32
130	Efficacy of novel acridine derivatives in the inhibition of hPrP90-231 prion protein fragment toxicity. *Neurotoxicity Research*, **2011**, 19, 556-74	4.3	29
129	Human PrP90-231-induced cell death is associated with intracellular accumulation of insoluble and protease-resistant macroaggregates and lysosomal dysfunction. *Cell Death and Disease*, **2011**, 2, e138	9.8	27
128	Adult pituitary stem cells: from pituitary plasticity to adenoma development. *Neuroendocrinology*, **2011**, 94, 265-77	5.6	47
127	The Chemokine SDF1/CXCL12: A Novel Autocrine/Paracrine Factor Involved In Pituitary Adenoma Development. *Open Neuroendocrinology Journal (Online)*, **2011**, 4, 64-76		11
126	Glioblastoma Cancer Stem Cells: Response to Epidermal Growth Factor Receptor Kinase Inhibitors **2011**, 213-226		
125	Role of chemokine network in the development and progression of ovarian cancer: a potential novel pharmacological target. *Journal of Oncology*, **2010**, 2010, 426956	4.5	54
124	An Alu-like RNA promotes cell differentiation and reduces malignancy of human neuroblastoma cells. *FASEB Journal*, **2010**, 24, 4033-46	0.9	63
123	The somatostatin analogue octreotide confers sensitivity to rapamycin treatment on pituitary tumor cells. *Cancer Research*, **2010**, 70, 666-74	10.1	84
122	Gefitinib targets EGFR dimerization and ERK1/2 phosphorylation to inhibit pleural mesothelioma cell proliferation. *Current Cancer Drug Targets*, **2010**, 10, 176-91	2.8	20
121	The eighth fibronectin type III domain of protein tyrosine phosphatase receptor J influences the formation of protein complexes and cell localization. *Journal of Biochemistry*, **2009**, 145, 377-85	3.1	12
120	Different response of human glioma tumor-initiating cells to epidermal growth factor receptor kinase inhibitors. *Journal of Biological Chemistry*, **2009**, 284, 7138-48	5.4	106
119	Differential efficacy of SSTR1, -2, and -5 agonists in the inhibition of C6 glioma growth in nude mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 297, E1078-88	6	20
118	Dual modulation of ERK1/2 and p38 MAP kinase activities induced by minocycline reverses the neurotoxic effects of the prion protein fragment 90-231. *Neurotoxicity Research*, **2009**, 15, 138-54	4.3	29
117	Somatostatin inhibits colon cancer cell growth through cyclooxygenase-2 downregulation. *British Journal of Pharmacology*, **2008**, 155, 198-209	8.6	19
116	Somatostatin/somatostatin receptor signalling: phosphotyrosine phosphatases. *Molecular and Cellular Endocrinology*, **2008**, 286, 40-8	4.4	59
115	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. *Endocrine-Related Cancer*, **2008**, 15, 583-96	5.7	82
114	17beta-estradiol promotes breast cancer cell proliferation-inducing stromal cell-derived factor-1-mediated epidermal growth factor receptor transactivation: reversal by gefitinib pretreatment. *Molecular Pharmacology*, **2008**, 73, 191-202	4.3	62

113	Overexpression of stromal cell-derived factor 1 and its receptor CXCR4 induces autocrine/paracrine cell proliferation in human pituitary adenomas. *Clinical Cancer Research*, **2008**, 14, 5022-32	12.9	78
112	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. *Endocrinology*, **2008**, 149, 4736-46	4.8	41
111	Chemokines, their Receptors and Significance in Brain Function. *NeuroImmune Biology*, **2008**, 242-273		3
110	Protective effects of some creatine derivatives in brain tissue anoxia. *Neurochemical Research*, **2008** , 33, 765-75	4.6	25
109	Molecular mechanisms of the antiproliferative activity of somatostatin receptors (SSTRs) in neuroendocrine tumors. *Frontiers in Bioscience - Landmark*, **2008**, 13, 822-40	2.8	128
108	ERK1/2 and p38 MAP kinases control prion protein fragment 90-231-induced astrocyte proliferation and microglia activation. *Glia*, **2007**, 55, 1469-85	9	32
107	Different structural stability and toxicity of PrP(ARR) and PrP(ARQ) sheep prion protein variants. *Journal of Neurochemistry*, **2007**, 103, 2291-300	6	13
106	Intracellular accumulation of a mild-denatured monomer of the human PrP fragment 90-231, as possible mechanism of its neurotoxic effects. *Journal of Neurochemistry*, **2007**, 103, 2597-609	6	25
105	Amyloid precursor protein and Presenilin 1 interaction studied by FRET in human H4 cells. *Annals of the New York Academy of Sciences*, **2007**, 1096, 249-57	6.5	9
104	Amino-terminally truncated prion protein PrP90-231 induces microglial activation in vitro. *Annals of the New York Academy of Sciences*, **2007**, 1096, 258-70	6.5	15
103	Somatostatin analogues, a series of tissue transglutaminase inducers, as a new tool for therapy of mesenchimal tumors of the gastrointestinal tract. *Amino Acids*, **2007**, 32, 395-400	3.5	8
102	Amyloid precursor protein and Presenilin1 interact with the adaptor GRB2 and modulate ERK 1,2 signaling. *Journal of Biological Chemistry*, **2007**, 282, 13833-44	5.4	75
101	Role of stromal cell-derived factor 1 (SDF1/CXCL12) in regulating anterior pituitary function. *Journal of Molecular Endocrinology*, **2007**, 38, 383-9	4.5	38
100	Amyloid precursor protein and presenilin involvement in cell signaling. *Neurodegenerative Diseases*, **2007**, 4, 101-11	2.3	14
99	An intracellular multi-effector complex mediates somatostatin receptor 1 activation of phospho-tyrosine phosphatase eta. *Molecular Endocrinology*, **2007**, 21, 229-46		21
98	CXCR4 and SDF1 expression in human meningiomas: a proliferative role in tumoral meningothelial cells in vitro. *Neuro-Oncology*, **2007**, 9, 3-11	1	43
97	Chemokine stromal cell-derived factor 1alpha induces proliferation and growth hormone release in GH4C1 rat pituitary adenoma cell line through multiple intracellular signals. *Molecular Pharmacology*, **2006**, 69, 539-46	4.3	44
96	Octreotide, a somatostatin analogue, mediates its antiproliferative action in pituitary tumor cells by altering phosphatidylinositol 3-kinase signaling and inducing Zac1 expression. *Cancer Research*, **2006**, 66, 1576-82	10.1	167

95	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. *Neurochemistry International*, **2006**, 49, 423-32	4.4	125
94	The creatine transporter mediates the uptake of creatine by brain tissue, but not the uptake of two creatine-derived compounds. *Neuroscience*, **2006**, 142, 991-7	3.9	43
93	Conformation dependent pro-apoptotic activity of the recombinant human prion protein fragment 90-231. *International Journal of Immunopathology and Pharmacology*, **2006**, 19, 339-56	3	26
92	Pattern of distribution of calcitonin gene-related Peptide in the dorsal root ganglion of animal models of diabetes mellitus. *Annals of the New York Academy of Sciences*, **2006**, 1084, 296-303	6.5	14
91	CXC receptor and chemokine expression in human meningioma: SDF1/CXCR4 signaling activates ERK1/2 and stimulates meningioma cell proliferation. *Annals of the New York Academy of Sciences*, **2006**, 1090, 332-43	6.5	31
90	SDF-1 controls pituitary cell proliferation through the activation of ERK1/2 and the Ca2+-dependent, cytosolic tyrosine kinase Pyk2. *Annals of the New York Academy of Sciences*, **2006**, 1090, 385-98	6.5	24
89	Amyloid precursor protein modulates ERK-1 and -2 signaling. *Annals of the New York Academy of Sciences*, **2006**, 1090, 455-65	6.5	17
88	Characterization of the proapoptotic intracellular mechanisms induced by a toxic conformer of the recombinant human prion protein fragment 90-231. *Annals of the New York Academy of Sciences*, **2006**, 1090, 276-91	6.5	15
87	Stromal cell-derived factor-1alpha (SDF-1alpha/CXCL12) stimulates ovarian cancer cell growth through the EGF receptor transactivation. *Experimental Cell Research*, **2005**, 308, 241-53	4.2	139
86	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. *International Journal of Immunopathology and Pharmacology*, **2005**, 18, 95-112	3	27
85	The rat tyrosine phosphatase eta increases cell adhesion by activating c-Src through dephosphorylation of its inhibitory phosphotyrosine residue. *Oncogene*, **2005**, 24, 3187-95	9.2	48
84	Somatostatin receptor subtype-dependent regulation of nitric oxide release: involvement of different intracellular pathways. *Molecular Endocrinology*, **2005**, 19, 255-67		41
83	Molecular Mechanisms Mediating Neuronal Cell Death in Experimental Models of Prion Diseases, in vitro **2005**, 273-297		
82	The expression of the phosphotyrosine phosphatase DEP-1/PTPeta dictates the responsivity of glioma cells to somatostatin inhibition of cell proliferation. *Journal of Biological Chemistry*, **2004**, 279, 29004-12	5.4	48
81	Expression of somatostatin receptor mRNA in human meningiomas and their implication in in vitro antiproliferative activity. *Journal of Neuro-Oncology*, **2004**, 66, 155-66	4.8	67
80	The phosphotyrosine phosphatase eta mediates somatostatin inhibition of glioma proliferation via the dephosphorylation of ERK1/2. *Annals of the New York Academy of Sciences*, **2004**, 1030, 264-74	6.5	30
79	The tyrosine phosphatase Shp-2 mediates intracellular signaling initiated by Ret mutants. *Endocrinology*, **2003**, 144, 4298-305	4.8	14
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