Tullio Florio

List of Publications by Year
in descending order

259 papers	11,780 citations	28274 55 h-index	39675 94 g-index
264 all docs	264 docs citations	264 times ranked	13592 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	9.1	1,430
2	Chemokines and Their Receptors in the Central Nervous System. Frontiers in Neuroendocrinology, 2001, 22, 147-184.	5.2	348
3	Stromal cell-derived factor 1alpha stimulates human glioblastoma cell growth through the activation of both extracellular signal-regulated kinases 1/2 and Akt. Cancer Research, 2003, 63, 1969-74.	0.9	272
4	G Protein Activation of a Hormone-Stimulated Phosphatase in Human Tumor Cells. Science, 1992, 256, 1215-1217.	12.6	214
5	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, 308-317.	4.4	199
6	Glial and Neuronal Cells Express Functional Chemokine Receptor CXCR4 and Its Natural Ligand Stromal Cellâ€Derived Factor 1. Journal of Neurochemistry, 1999, 73, 2348-2357.	3.9	197
7	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, 1576-1582.	0.9	197
8	Stromal cellâ€derived factorâ€1Î± induces astrocyte proliferation through the activation of extracellular signalâ€regulated kinases 1/2 pathway. Journal of Neurochemistry, 2001, 77, 1226-1236.	3.9	177
9	Somatostatin Inhibits Tumor Angiogenesis and Growth via Somatostatin Receptor-3-Mediated Regulation of Endothelial Nitric Oxide Synthase and Mitogen-Activated Protein Kinase Activities. Endocrinology, 2003, 144, 1574-1584.	2.8	160
10	Metformin selectively affects human glioblastoma tumor-initiating cell viability. Cell Cycle, 2013, 12, 145-156.	2.6	154
11	Stromal cell-derived factor-1Î± (SDF-1Î±/CXCL12) stimulates ovarian cancer cell growth through the EGF receptor transactivation. Experimental Cell Research, 2005, 308, 241-253.	2.6	153
12	Molecular mechanisms of the antiproliferative activity of somatostatin receptors (SSTRs) in neuroendocrine tumors. Frontiers in Bioscience - Landmark, 2008, 13, 806.	3.0	146
13	Expression of CXC chemokine receptors 1â€"5 and their ligands in human glioma tissues: Role of CXCR4 and SDF1 in glioma cell proliferation and migration. Neurochemistry International, 2006, 49, 423-432.	3.8	144
14	An intronic ncRNA-dependent regulation of SORL1 expression affecting Aβ formation is upregulated in <i>post-mortem</i> Alzheimer's disease brain samples. DMM Disease Models and Mechanisms, 2013, 6, 424-33.	2.4	131
15	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, 2523-2531.	2.6	130
16	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.	3.7	129
17	Somatostatin Activation of Mitogen-Activated Protein Kinase via Somatostatin Receptor 1 (SSTR1). Molecular Endocrinology, 1999, 13, 24-37.	3.7	121
18	Different Response of Human Glioma Tumor-initiating Cells to Epidermal Growth Factor Receptor Kinase Inhibitors. Journal of Biological Chemistry, 2009, 284, 7138-7148.	3.4	117

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19	Drug-repositioning opportunities for cancer therapy: novel molecular targets for known compounds. Drug Discovery Today, 2016, 21, 190-199.	6.4	117
20	Metformin repositioning as antitumoral agent: selective antiproliferative effects in human glioblastoma stem cells, via inhibition of CLIC1-mediated ion current. Oncotarget, 2014, 5, 11252-11268.	1.8	108
21	EGFRvIII gene rearrangement is an early event in glioblastoma tumorigenesis and expression defines a hierarchy modulated by epigenetic mechanisms. Oncogene, 2013, 32, 2670-2681.	5.9	106
22	Overexpression of Stromal Cellâ€“Derived Factor 1 and Its Receptor CXCR4 Induces Autocrine/Paracrine Cell Proliferation in Human Pituitary Adenomas. Clinical Cancer Research, 2008, 14, 5022-5032.	7.0	104
23	The histone demethylase KDM5A is a key factor for the resistance to temozolomide in glioblastoma. Cell Cycle, 2015, 14, 3418-3429.	2.6	104
24	Peptide Receptor Targeting in Cancer: The Somatostatin Paradigm. International Journal of Peptides, 2013, 2013, 1-20.	0.7	102
25	Somatostatin controls Kaposi's sarcoma tumor growth through inhibition of angiogenesis. FASEB Journal, 1999, 13, 647-655.	0.5	101
26	NDM29, a RNA polymerase III-dependent non coding RNA, promotes amyloidogenic processing of APP and amyloid Î² secretion. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1170-1177.	4.1	100
27	Expression of the Chemokine Receptor CXCR4 and Its Ligand Stromal Cellâ€Derived Factor 1 in Human Brain Tumors and Their Involvement in Glial Proliferation <i>in Vitro</i>. Annals of the New York Academy of Sciences, 2002, 973, 60-69.	3.8	97
28	Inhibition of CXCL12/CXCR4 autocrine/paracrine loop reduces viability of human glioblastoma stem-like cells affecting self-renewal activity. Toxicology, 2013, 314, 209-220.	4.2	95
29	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, 583-596.	3.1	93
30	The Somatostatin Analogue Octreotide Confers Sensitivity to Rapamycin Treatment on Pituitary Tumor Cells. Cancer Research, 2010, 70, 666-674.	0.9	93
31	Cultured astrocyte proliferation induced by extracellular guanosine involves endogenous adenosine and is raised by the co-presence of microglia. , 2000, 29, 202-211.		89
32	Chemokines and their receptors in the CNS: expression of CXCL12/SDF-1 and CXCR4 and their role in astrocyte proliferation. Toxicology Letters, 2003, 139, 181-189.	0.8	88
33	Expression of Somatostatin Receptor mRNA in Human Meningiomas and their Implication in in vitro Antiproliferative Activity. Journal of Neuro-Oncology, 2004, 66, 155-166.	2.9	87
34	Amyloid Precursor Protein and Presenilin1 Interact with the Adaptor GRB2 and Modulate ERK 1,2 Signaling. Journal of Biological Chemistry, 2007, 282, 13833-13844.	3.4	83
35	Patient-derived xenograft in zebrafish embryos: a new platform for translational research in neuroendocrine tumors. Endocrine, 2017, 57, 214-219.	2.3	81
36	Autophagy Activator Drugs: A New Opportunity in Neuroprotection from Misfolded Protein Toxicity. International Journal of Molecular Sciences, 2019, 20, 901.	4.1	81

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37	Chemokines and chemokine receptors: New actors in neuroendocrine regulations. Frontiers in Neuroendocrinology, 2011, 32, 10-24.	5.2	79
38	Intracellular Calcium Rise through L-Type Calcium Channels, as Molecular Mechanism for Prion Protein Fragment 106-126-Induced Astroglial Proliferation. Biochemical and Biophysical Research Communications, 1996, 228, 397-405.	2.1	76
39	Somatostatin and its analog lanreotide inhibit the proliferation of dispersed human non-functioning pituitary adenoma cells in vitro. European Journal of Endocrinology, 1999, 141, 396-408.	3.7	75
40	Polydeoxyribonucleotides enhance the proliferation of human skin fibroblasts: Involvement of A2 purinergic receptor subtypes. Life Sciences, 1999, 64, 1661-1674.	4.3	74
41	Prion protein fragment 106-126 induces apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in the GH3 cell line. , 1998, 54, 341-352.		73
42	Somatostatin inhibition of adenylate cyclase activity in different brain areas. Brain Research, 1989, 492, 65-71.	2.2	72
43	An Aluâ€like RNA promotes cell differentiation and reduces malignancy of human neuroblastoma cells. FASEB Journal, 2010, 24, 4033-4046.	0.5	71
44	Somatostatin Inhibits PC Cl3 Thyroid Cell Proliferation through the Modulation of Phosphotyrosine Phosphatase Activity. Journal of Biological Chemistry, 1996, 271, 6129-6136.	3.4	70
45	Somatostatin/somatostatin receptor signalling: Phosphotyrosine phosphatases. Molecular and Cellular Endocrinology, 2008, 286, 40-48.	3.2	70
46	Expression of Chemokine Receptors in the Rat Brain^a. Annals of the New York Academy of Sciences, 1999, 876, 201-209.	3.8	68
47	17Î²-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.	2.3	68
48	Multiple intracellular effectors modulate physiological functions of the cloned somatostatin receptors. Journal of Molecular Endocrinology, 1996, 17, 89-100.	2.5	65
49	Role of Chemokine Network in the Development and Progression of Ovarian Cancer: A Potential Novel Pharmacological Target. Journal of Oncology, 2010, 2010, 1-15.	1.3	65
50	Apoptotic Cell Death and Impairment of L-Type Voltage-Sensitive Calcium Channel Activity in Rat Cerebellar Granule Cells Treated with the Prion Protein Fragment 106â€“126. Neurobiology of Disease, 2000, 7, 299-309.	4.4	64
51	Sorafenib selectively depletes human glioblastoma tumor-initiating cells from primary cultures. Cell Cycle, 2013, 12, 491-500.	2.6	64
52	Contribution of two conserved glycine residues to fibrillogenesis of the 106â€“126 prion protein fragment. Evidence that a soluble variant of the 106â€“126 peptide is neurotoxic. Journal of Neurochemistry, 2003, 85, 62-72.	3.9	60
53	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, 2061-2074.	3.1	60
54	p38 MAP Kinase Mediates the Cell Death Induced by PrP106â€“126 in the SH-SY5Y Neuroblastoma Cells. Neurobiology of Disease, 2002, 9, 69-81.	4.4	59

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55	New Molecules and Old Drugs as Emerging Approaches to Selectively Target Human Glioblastoma Cancer Stem Cells. BioMed Research International, 2014, 2014, 1-11.	1.9	59
56	Phenotypical and Pharmacological Characterization of Stem-Like Cells in Human Pituitary Adenomas. Molecular Neurobiology, 2017, 54, 4879-4895.	4.0	57
57	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. Journal of Physiology (Paris), 2000, 94, 239-250.	2.1	56
58	Intracellular mechanisms mediating the neuronal death and astrogliosis induced by the prion protein fragment 106â€“126. International Journal of Developmental Neuroscience, 2000, 18, 481-492.	1.6	56
59	Neurodegeneration in Alzheimer Disease: Role of Amyloid Precursor Protein and Presenilin 1 Intracellular Signaling. Journal of Toxicology, 2012, 2012, 1-13.	3.0	56
60	The Expression of the Phosphotyrosine Phosphatase DEP-1/PTPÎ· Dictates the Responsivity of Glioma Cells to Somatostatin Inhibition of Cell Proliferation. Journal of Biological Chemistry, 2004, 279, 29004-29012.	3.4	55
61	Adult Pituitary Stem Cells: From Pituitary Plasticity to Adenoma Development. Neuroendocrinology, 2011, 94, 265-277.	2.5	54
62	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, 2762-2770.	3.4	54
63	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, 15868-15884.	1.8	54
64	CXCR4 and SDF1 expression in human meningiomas: A proliferative role in tumoral meningothelial cells in vitro1. Neuro-Oncology, 2007, 9, 3-11.	1.2	53
65	Pasireotide and octreotide antiproliferative effects and sst2 trafficking in human pancreatic neuroendocrine tumor cultures. Endocrine-Related Cancer, 2014, 21, 691-704.	3.1	53
66	The somatostatin receptor SSTR1 is coupled to phosphotyrosine phosphatase activity in CHO-K1 cells. Molecular Endocrinology, 1994, 8, 1289-1297.	3.7	53
67	Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. Oncotarget, 2016, 7, 38638-38657.	1.8	53
68	Inhibition of nuclear factor-?B activation induces apoptosis in cerebellar granule cells. Journal of Neuroscience Research, 2001, 66, 1064-1073.	2.9	51
69	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.	3.7	51
70	The Activation of the Phosphotyrosine Phosphatase Î· (r-PTPÎ·) Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. Molecular Endocrinology, 2001, 15, 1838-1852.	3.7	49
71	Chemokine Stromal Cell-Derived Factor 1Î± Induces Proliferation and Growth Hormone Release in GH4C1 Rat Pituitary Adenoma Cell Line through Multiple Intracellular Signals. Molecular Pharmacology, 2006, 69, 539-546.	2.3	49
72	Somatostatin and SMS 201-995 reverse the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin. European Journal of Pharmacology, 1988, 151, 399-407.	3.5	48

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73	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. Clinical Endocrinology, 2003, 59, 115-128.	2.4	48
74	The rat tyrosine phosphatase Î· increases cell adhesion by activating c-Src through dephosphorylation of its inhibitory phosphotyrosine residue. Oncogene, 2005, 24, 3187-3195.	5.9	48
75	The status of the art of human malignant glioma management: the promising role of targeting tumor-initiating cells. Drug Discovery Today, 2012, 17, 1103-1110.	6.4	48
76	Somatostatin Activation of Mitogen-Activated Protein Kinase via Somatostatin Receptor 1 (SSTR1). Molecular Endocrinology, 1999, 13, 24-37.	3.7	48
77	TGF-?1 prevents gp120-induced impairment of Ca2+ homeostasis and rescues cortical neurons from apoptotic death. , 1997, 49, 600-607.		47
78	Prion Protein Fragment 106-126 Induces a p38 MAP Kinase-Dependent Apoptosis in SH-SY5Y Neuroblastoma Cells Independently from the Amyloid Fibril Formation. Annals of the New York Academy of Sciences, 2003, 1010, 610-622.	3.8	47
79	The creatine transporter mediates the uptake of creatine by brain tissue, but not the uptake of two creatine-derived compounds. Neuroscience, 2006, 142, 991-997.	2.3	47
80	Somatostatin Receptors 1, 2, and 5 Cooperate in the Somatostatin Inhibition of C6 Glioma Cell Proliferation in Vitro via a Phosphotyrosine Phosphatase-Î·-Dependent Inhibition of Extracellularly Regulated Kinase-1/2. Endocrinology, 2008, 149, 4736-4746.	2.8	47
81	Balance between somatostatin and D2 receptor expression drives TSHâ€secreting adenoma response to somatostatin analogues and dopastatins. Clinical Endocrinology, 2012, 76, 407-414.	2.4	47
82	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.	2.6	47
83	Exosomes and Extracellular Vesicles as Emerging Theranostic Platforms in Cancer Research. Cells, 2020, 9, 2569.	4.1	46
84	Somatostatin Receptor Subtype-Dependent Regulation of Nitric Oxide Release: Involvement of Different Intracellular Pathways. Molecular Endocrinology, 2005, 19, 255-267.	3.7	44
85	Differential toxicity, conformation and morphology of typical initial aggregation states of AÎ²1-42 and AÎ²py3-42 beta-amyloids. International Journal of Biochemistry and Cell Biology, 2012, 44, 2085-2093.	2.8	44
86	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.	2.8	44
87	Role of stromal cell-derived factor 1 (SDF1/CXCL12) in regulating anterior pituitary function. Journal of Molecular Endocrinology, 2007, 38, 383-389.	2.5	42
88	Identification of a Conserved N-Capping Box Important for the Structural Autonomy of the Prion Î±3-Helix: The Disease Associated D202N Mutation Destabilizes the Helical Conformation. International Journal of Immunopathology and Pharmacology, 2005, 18, 95-112.	2.1	41
89	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, 141-147.	2.9	40
90	Emerging multitarget tyrosine kinase inhibitors in the treatment of neuroendocrine neoplasms. Endocrine-Related Cancer, 2018, 25, R453-R466.	3.1	39

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91	Isolation of a Long-Lasting<i>eag</i>-Related Gene-Type K⁺Current in MMQ Lactotrophs and Its Accommodating Role during Slow Firing and Prolactin Release. Journal of Neuroscience, 2002, 22, 3414-3425.	3.6	38
92	Î²25â€“35 Alters Calcium Homeostasis and Induces Neurotoxicity in Cerebellar Granule Cells. Journal of Neurochemistry, 1996, 66, 1995-2003.	3.9	38
93	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, 332-343.	3.8	38
94	Perhexiline maleate enhances antitumor efficacy of cisplatin in neuroblastoma by inducing over-expression of NDM29 ncRNA. Scientific Reports, 2016, 5, 18144.	3.3	38
95	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.	6.3	38
96	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, 1015-1023.	3.5	37
97	Role of Prion Protein Aggregation in Neurotoxicity. International Journal of Molecular Sciences, 2012, 13, 8648-8669.	4.1	37
98	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.	2.5	37
99	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.	2.9	37
100	Histone Deacetylase Inhibitors Impair Vasculogenic Mimicry from Glioblastoma Cells. Cancers, 2019, 11, 747.	3.7	36
101	Interleukin-1-Î² Modulation of Prolactin Secretion from Rat Anterior Pituitary Cells: Involvement of Adenylate Cyclase Activity and Calcium Mobilization*. Endocrinology, 1990, 126, 1435-1441.	2.8	34
102	The Phosphotyrosine Phosphatase Î· Mediates Somatostatin Inhibition of Glioma Proliferation via the Dephosphorylation of ERK1/2. Annals of the New York Academy of Sciences, 2004, 1030, 264-274.	3.8	33
103	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, 385-398.	3.8	33
104	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, 372-382.	2.8	33
105	Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. Journal of Neuroimmunology, 2011, 234, 115-123.	2.3	33
106	Somatostatin inhibition of anterior pituitary adenylate cyclase activity: different sensitivity between male and female rats. Brain Research, 1988, 439, 322-329.	2.2	32
107	A novel mechanism for the melatonin inhibition of testosterone secretion by rat Leydig cells: reduction of GnRH-induced increase in cytosolic Ca2+. Journal of Molecular Endocrinology, 1999, 23, 299-306.	2.5	32
108	Basic Fibroblast Growth Factor Activates Endothelial Nitric-Oxide Synthase in CHO-K1 Cells via the Activation of Ceramide Synthesis. Molecular Pharmacology, 2003, 63, 297-310.	2.3	32

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109	ERK1/2 and p38 MAP kinases control prion protein fragment 90â€“231â€induced astrocyte proliferation and microglia activation. Glia, 2007, 55, 1469-1485.	4.9	32
110	Somatostatin Inhibits Interleukin 6 Release from Rat Cortical Type I Astrocytes via the Inhibition of Adenylyl Cyclase. Biochemical and Biophysical Research Communications, 1997, 235, 242-248.	2.1	31
111	Expression in E. coli and purification of recombinant fragments of wild type and mutant human prion protein. Neurochemistry International, 2002, 41, 55-63.	3.8	31
112	Somatostatin inhibits colon cancer cell growth through cyclooxygenaseâ€2 downregulation. British Journal of Pharmacology, 2008, 155, 198-209.	5.4	31
113	Dual Modulation of ERK1/2 and p38 MAP Kinase Activities Induced by Minocycline Reverses the Neurotoxic Effects of the Prion Protein Fragment 90â€“231. Neurotoxicity Research, 2009, 15, 138-154.	2.7	31
114	Efficacy of Novel Acridine Derivatives in the Inhibition of hPrP90-231 Prion Protein Fragment Toxicity. Neurotoxicity Research, 2011, 19, 556-574.	2.7	31
115	Neuroendocrine tumors: insights into innovative therapeutic options and rational development of targeted therapies. Drug Discovery Today, 2014, 19, 458-468.	6.4	31
116	Conformation Dependent Pro-Apoptotic Activity of the Recombinant Human Prion Protein Fragment 90-231. International Journal of Immunopathology and Pharmacology, 2006, 19, 339-356.	2.1	30
117	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-e138.	6.3	30
118	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.	4.1	30
119	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.	2.6	30
120	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. Frontiers in Pharmacology, 2018, 9, 899.	3.5	30
121	The Activation of the Phosphotyrosine Phosphatase Â (r-PTPÂ) Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. Molecular Endocrinology, 2001, 15, 1838-1852.	3.7	29
122	Protective Effects of Some Creatine Derivatives in Brain Tissue Anoxia. Neurochemical Research, 2008, 33, 765-775.	3.3	28
123	Tryptophan hydroxylase 2 (<scp>TPH</scp>2) in a neuronal cell line: modulation by cell differentiation and <scp>NRSF</scp>/rest activity. Journal of Neurochemistry, 2012, 123, 963-970.	3.9	28
124	Drug design strategies focusing on the CXCR4/CXCR7/CXCL12 pathway in leukemia and lymphoma. Expert Opinion on Drug Discovery, 2016, 11, 1093-1109.	5.0	28
125	Sprouty2 enhances the tumorigenic potential of glioblastoma cells. Neuro-Oncology, 2018, 20, 1044-1054.	1.2	28
126	Cross talk between mesenchymal and glioblastoma stem cells: Communication beyond controversies. Stem Cells Translational Medicine, 2020, 9, 1310-1330.	3.3	28

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127	Age-related alterations of somatostatin gene expression in different rat brain areas. Brain Research, 1991, 557, 64-68.	2.2	27
128	Intracellular accumulation of a mild-denatured monomer of the human PrP fragment 90â€“231, as possible mechanism of its neurotoxic effects. Journal of Neurochemistry, 2007, 103, 071018045431007-???.	3.9	27
129	Adiponectin as Novel Regulator of Cell Proliferation in Human Glioblastoma. Journal of Cellular Physiology, 2014, 229, 1444-1454.	4.1	26
130	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, 3940.	4.1	26
131	Purine nucleosides protect injured neurons and stimulate neuronal regeneration by intracellular and membrane receptor-mediated mechanisms. Drug Development Research, 2001, 52, 303-315.	2.9	25
132	<i>InÂvitro</i> effect of human recombinant leptin and expression of leptin receptors on growth hormoneâ€secreting human pituitary adenomas. Clinical Endocrinology, 2002, 57, 449-455.	2.4	25
133	Isolation of stem-like cells from spontaneous feline mammary carcinomas: Phenotypic characterization and tumorigenic potential. Experimental Cell Research, 2012, 318, 847-860.	2.6	25
134	Celecoxib Inhibits Prion Protein 90-231-Mediated Pro-inflammatory Responses in Microglial Cells. Molecular Neurobiology, 2016, 53, 57-72.	4.0	25
135	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-E1088.	3.5	24
136	Development of an Injectable Slow-Release Metformin Formulation and Evaluation of Its Potential Antitumor Effects. Scientific Reports, 2018, 8, 3929.	3.3	24
137	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.	1.8	24
138	Î±1B, But Not Î±1A, Adrenoceptor Activates Calcium Influx through the Stimulation of a Tyrosine Kinase/Phosphotyrosine Phosphatase Pathway, Following Noradrenaline-Induced Emptying of IP3 Sensitive Calcium Stores, in PC C13 Rat Thyroid Cell Line. Biochemical and Biophysical Research Communications, 1995, 209, 630-638.	2.1	23
139	Intracellular Signalling Mediating HIV-1 gp120 Neurotoxicity. Cellular Signalling, 1998, 10, 75-84.	3.6	22
140	An Intracellular Multi-Effector Complex Mediates Somatostatin Receptor 1 Activation of Phospho-Tyrosine Phosphatase Î·. Molecular Endocrinology, 2007, 21, 229-246.	3.7	22
141	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.	7.1	22
142	Experimental Evidence and Clinical Implications of Pituitary Adenoma Stem Cells. Frontiers in Endocrinology, 2020, 11, 54.	3.5	22
143	Gefitinib Targets EGFR Dimerization and ERK1/2 Phosphorylation to Inhibit Pleural Mesothelioma Cell Proliferation. Current Cancer Drug Targets, 2010, 10, 176-191.	1.6	21
144	Combined chemotherapy with cytotoxic and targeted compounds for the management of human malignant pleural mesothelioma. Trends in Pharmacological Sciences, 2011, 32, 463-479.	8.7	21

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145	Excitotoxicity Through NMDA Receptors Mediates Cerebellar Granule Neuron Apoptosis Induced by Prion Protein 90-231 Fragment. Neurotoxicity Research, 2013, 23, 301-314.	2.7	21
146	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.	5.5	21
147	Mutual Influence of ROS, pH, and CLIC1 Membrane Protein in the Regulation of G1â€“S Phase Progression in Human Glioblastoma Stem Cells. Molecular Cancer Therapeutics, 2018, 17, 2451-2461.	4.1	21
148	Repurposed Biguanide Drugs in Glioblastoma Exert Antiproliferative Effects via the Inhibition of Intracellular Chloride Channel 1 Activity. Frontiers in Oncology, 2019, 9, 135.	2.8	21
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