Bernard Rogister

List of Publications by Year
in descending order

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89 papers	4,459 citations	101543 36 h-index	106344 65 g-index
94 all docs	94 docs citations	94 times ranked	6659 citing authors

#	Article	IF	Citations
1	Patient-Oriented Perspective on Chemokine Receptor Expression and Function in Glioma. Cancers, 2022, 14, 130.	3.7	6
2	Glioma Stem Cells in Pediatric High-Grade Gliomas: From Current Knowledge to Future Perspectives. Cancers, 2022, 14, 2296.	3.7	11
3	Nanobody-based retargeting of an oncolytic herpesvirus for eliminating CXCR4+ GBM cells: A proof of principle. Molecular Therapy - Oncolytics, 2022, 26, 35-48.	4.4	5
4	Editorâ€™s Note: Adult bone marrow mesenchymal and neural crest stem cells are chemoattractive and accelerate motor recovery in a mouse model of spinal cord injury. Stem Cell Research and Therapy, 2021, 12, 135.	5.5	0
5	The expression of B7-H3 isoforms in newly diagnosed glioblastoma and recurrence and their functional role. Acta Neuropathologica Communications, 2021, 9, 59.	5.2	21
6	STEM-25. ADENO-ASSOCIATED VIRUS INTRAVENTRICULAR INJECTION ALLOWS THE RESTRICTED TRANSDUCTION OF GLIOBLASTOMA CELLS NESTED IN THE PERI- AND SUB-VENTRICULAR ZONE IN A PATIENT-DERIVED ORTHOTOPIC XENOGRAFT MODEL. Neuro-Oncology, 2021, 23, vi26-vi26.	1.2	0
7	MKP1 phosphatase is recruited by CXCL12 in glioblastoma cells and plays a role in DNA strand breaks repair. Carcinogenesis, 2020, 41, 417-429.	2.8	4
8	Communicating hydrocephalus associated to ventral leptomeningeal invasion leads to precocious death in a glioblastoma orthotopic xenograft model. Neuro-Oncology Advances, 2020, 2, vdaa099.	0.7	0
9	Exploring with [18F]UCB-H the in vivo Variations in SV2A Expression through the Kainic Acid Rat Model of Temporal Lobe Epilepsy. Molecular Imaging and Biology, 2020, 22, 1197-1207.	2.6	13
10	A Composite Sketch of Fast-Spiking Parvalbumin-Positive Neurons. Cerebral Cortex Communications, 2020, 1, tgaa026.	1.6	15
11	The Subventricular Zone, a Hideout for Adult and Pediatric High-Grade Glioma Stem Cells. Frontiers in Oncology, 2020, 10, 614930.	2.8	18
12	Aurora A plays a dual role in migration and survival of human glioblastoma cells according to the CXCL12 concentration. Oncogene, 2019, 38, 73-87.	5.9	22
13	The splicing FK506-binding protein-51 isoform plays a role in glioblastoma resistance through programmed cell death ligand-1 expression regulation. Cell Death Discovery, 2019, 5, 137.	4.7	14
14	The Distinct Roles of CXCR3 Variants and Their Ligands in the Tumor Microenvironment. Cells, 2019, 8, 613.	4.1	60
15	Anxiety-like features and spatial memory problems as a consequence of hippocampal SV2A expression. PLoS ONE, 2019, 14, e0217882.	2.5	5
16	Eccentric Muscle Contractions: Risks and Benefits. Frontiers in Physiology, 2019, 10, 536.	2.8	187
17	Lipid phosphatases <scp>SKIP</scp> and <scp>SHIP</scp>2 regulate fibronectinâ€dependent cell migration in glioblastoma. FEBS Journal, 2019, 286, 1120-1135.	4.7	9
18	Relevance of Translation Initiation in Diffuse Glioma Biology and its Therapeutic Potential. Cells, 2019, 8, 1542.	4.1	11

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19	STEM-21. DECIPHERING THE RESPONSE OF SUBVENTRICULAR ZONE-NESTED GLIOBLASTOMA CELLS AFTER SURGERY. Neuro-Oncology, 2018, 20, vi248-vi248.	1.2	0
20	The functional diversity of Aurora kinases: a comprehensive review. Cell Division, 2018, 13, 7.	2.4	245
21	From Neural Crest Development to Cancer and Vice Versa: How p75NTR and (Pro)neurotrophins Could Act on Cell Migration and Invasion?. Frontiers in Molecular Neuroscience, 2018, 11, 244.	2.9	26
22	CXCL12 mediates glioblastoma resistance to radiotherapy in the subventricular zone. Neuro-Oncology, 2017, 19, 66-77.	1.2	82
23	Discovery and Characterization of <i>R</i>/<i>S</i>-<i>N</i>-3-Cyanophenyl-<i>N</i>â€²-(6-<i>tert</i>-butoxycarbonylamino-3,4-dihydro-2,2-dimethyl-2<i>H</i>-1-benzo a New Histone Deacetylase Class III Inhibitor Exerting Antiproliferative Activity against Cancer Cell Lines. Journal of Medicinal Chemistry, 2017, 60, 4714-4733.	6.4	22
24	Phosphatases and solid tumors: focus on glioblastoma initiation, progression and recurrences. Biochemical Journal, 2017, 474, 2903-2924.	3.7	13
25	The Unexpected Roles of Aurora A Kinase in Gliobastoma Recurrences. Targeted Oncology, 2017, 12, 11-18.	3.6	12
26	Puzzling Out Synaptic Vesicle 2 Family Members Functions. Frontiers in Molecular Neuroscience, 2017, 10, 148.	2.9	85
27	Human bone marrow harbors cells with neural crest-associated characteristics like human adipose and dermis tissues. PLoS ONE, 2017, 12, e0177962.	2.5	29
28	Glioblastoma stem cells and the importance of endolysosomes to keep them in the niches. Translational Cancer Research, 2017, 6, S87-S89.	1.0	0
29	The CXCL12/CXCR4 pathway or the autocrine proliferative loop of the glioblastoma stem cells. Translational Cancer Research, 2017, 6, S388-S390.	1.0	0
30	New role of osteopontin in DNA repair and impact on human glioblastoma radiosensitivity. Oncotarget, 2016, 7, 63708-63721.	1.8	12
31	Medication-Related Osteonecrosis of the Jaw: New Insights into Molecular Mechanisms and Cellular Therapeutic Approaches. Stem Cells International, 2016, 2016, 1-16.	2.5	46
32	Development and Validation of a New Mouse Model to Investigate the Role of SV2A in Epilepsy. PLoS ONE, 2016, 11, e0166525.	2.5	12
33	Adult bone marrow mesenchymal and neural crest stem cells are chemoattractive and accelerate motor recovery in a mouse model of spinal cord injury. Stem Cell Research and Therapy, 2015, 6, 211.	5.5	49
34	Differential membrane marker expression in adult rodent bone marrow mesenchymal and neural crest stem cells. Cytotherapy, 2015, 17, S34.	0.7	0
35	Exploring the secretome of bone marrow mesenchymal and neural crest-derived stem cells for treating spinal cord injuries. Cytotherapy, 2015, 17, S56-S57.	0.7	0
36	Neural crest stem cells are also present is adult human bone marrow and adipose tissue. Cytotherapy, 2015, 17, S37.	0.7	0

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37	Are neural crest stem cells the missing link between hematopoietic and neurogenic niches?. Frontiers in Cellular Neuroscience, 2015, 9, 218.	3.7	11
38	Adult mouse subventricular zones stimulate glioblastoma stem cells specific invasion through CXCL12/CXCR4 signaling. Neuro-Oncology, 2015, 17, 81-94.	1.2	65
39	Targeting osteopontin suppresses glioblastoma stemâ€like cell character and tumorigenicity in vivo. International Journal of Cancer, 2015, 137, 1047-1057.	5.1	49
40	Connexin 30 expression inhibits growth of human malignant gliomas but protects them against radiation therapy. Neuro-Oncology, 2015, 17, 392-406.	1.2	35
41	Concise Review: Spinal Cord Injuries: How Could Adult Mesenchymal and Neural Crest Stem Cells Take Up the Challenge?. Stem Cells, 2014, 32, 829-843.	3.2	59
42	Neutrophil contribution to spinal cord injury and repair. Journal of Neuroinflammation, 2014, 11, 150.	7.2	117
43	Glioblastoma stem cells: new insights in therapeutic strategies. Future Neurology, 2014, 9, 639-653.	0.5	3
44	Bone Marrow Stromal Stem Cells Transplantation in Mice with Acute Spinal Cord Injury. Methods in Molecular Biology, 2014, 1213, 257-264.	0.9	4
45	Fusicoccin A, a Phytotoxic Carbotricyclic Diterpene Glucoside of Fungal Origin, Reduces Proliferation and Invasion of Glioblastoma Cells by Targeting Multiple Tyrosine Kinases. Translational Oncology, 2013, 6, 112-123.	3.7	31
46	Expression of SV2 isoforms during rodent brain development. BMC Neuroscience, 2013, 14, 87.	1.9	43
47	4-Bromo-2-(piperidin-1-yl)thiazol-5-yl-phenyl methanone (12b) inhibits Na+/K+-ATPase and Ras oncogene activity in cancer cells. European Journal of Medicinal Chemistry, 2013, 63, 213-223.	5.5	14
48	Concise Review: Adult Mesenchymal Stem Cells, Adult Neural Crest Stem Cells, and Therapy of Neurological Pathologies: A State of Play. Stem Cells Translational Medicine, 2013, 2, 284-296.	3.3	69
49	Effects of Eccentrically and Concentrically Biased Training on Mouse Muscle Phenotype. Medicine and Science in Sports and Exercise, 2013, 45, 1460-1468.	0.4	18
50	Adult Bone Marrow Neural Crest Stem Cells and Mesenchymal Stem Cells Are Not Able to Replace Lost Neurons in Acute MPTP-Lesioned Mice. PLoS ONE, 2013, 8, e64723.	2.5	27
51	Glioblastoma-Initiating Cells: Relationship with Neural Stem Cells and the Micro-Environment. Cancers, 2013, 5, 1049-1071.	3.7	71
52	Adult Bone Marrow: Which Stem Cells for Cellular Therapy Protocols in Neurodegenerative Disorders?. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-10.	3.0	29
53	N-Aryl-Nâ€²-(chroman-4-yl)ureas and thioureas display inÂvitro anticancer activity and selectivity on apoptosis-resistant glioblastoma cells: Screening, synthesis of simplified derivatives, and structureâ€“activity relationship analysis. European Journal of Medicinal Chemistry, 2012, 54, 834-844.	5.5	28
54	Altered balance between excitatory and inhibitory inputs onto CA1 pyramidal neurons from SV2Aâ€deficient but not SV2Bâ€deficient mice. Journal of Neuroscience Research, 2012, 90, 2317-2327.	2.9	30

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55	In Vivo Tumorigenesis Was Observed after Injection of In Vitro Expanded Neural Crest Stem Cells Isolated from Adult Bone Marrow. PLoS ONE, 2012, 7, e46425.	2.5	25
56	Human glioblastomaâ€initiating cells invade specifically the subventricular zones and olfactory bulbs of mice after striatal injection. International Journal of Cancer, 2011, 129, 574-585.	5.1	49
57	Human Muscle Proteome Modifications after Acute or Repeated Eccentric Exercises. Medicine and Science in Sports and Exercise, 2011, 43, 2281-2296.	0.4	52
58	Stem cell factor and mesenchymal and neural stem cell transplantation in a rat model of Huntington's disease. Molecular and Cellular Neurosciences, 2008, 37, 454-470.	2.2	76
59	Regulation of nestin expression by thrombin and cell density in cultures of bone mesenchymal stem cells and radial glial cells. BMC Neuroscience, 2007, 8, 104.	1.9	17
60	Transcription Impairment and Cell Migration Defects in Elongator-Depleted Cells: Implication for Familial Dysautonomia. Molecular Cell, 2006, 22, 521-531.	9.7	191
61	Plasticity of Cultured Mesenchymal Stem Cells: Switch from Nestinâ€Positive to Excitable Neuronâ€Like Phenotype. Stem Cells, 2005, 23, 392-402.	3.2	395
62	Peripheral benzodiazepine receptor (PBR) ligand cytotoxicity unrelated to PBR expression. Biochemical Pharmacology, 2005, 69, 819-830.	4.4	41
63	Dexamethasone inhibits the HSV-tk/ ganciclovir bystander effect in malignant glioma cells. BMC Cancer, 2005, 5, 32.	2.6	32
64	Developmental Regulation of Î²-Carboline-Induced Inhibition of Glycine-Evoked Responses Depends on Glycine Receptor Î² Subunit Expression. Molecular Pharmacology, 2005, 67, 1783-1796.	2.3	13
65	Astrocytic and neuronal fate of mesenchymal stem cells expressing nestin. Brain Research Bulletin, 2005, 68, 95-102.	3.0	82
66	Î²-Carbolines induce apoptosis in cultured cerebellar granule neurons via the mitochondrial pathway. Neuropharmacology, 2005, 48, 105-117.	4.1	21
67	In vitro and In vivo Activity of the Nuclear Factor-ÎºB Inhibitor Sulfasalazine in Human Glioblastomas. Clinical Cancer Research, 2004, 10, 5595-5603.	7.0	156
68	Nestin-positive mesenchymal stem cells favour the astroglial lineage in neural progenitors and stem cells by releasing active BMP4. BMC Neuroscience, 2004, 5, 33.	1.9	81
69	Proliferative generation of mammalian auditory hair cells in culture. Mechanisms of Development, 2002, 112, 79-88.	1.7	144
70	Functional glycine receptors are expressed by postnatal nestin-positive neural stem/progenitor cells. European Journal of Neuroscience, 2002, 15, 1299-1305.	2.6	44
71	Neuregulin Signaling Regulates Neural Precursor Growth and the Generation of OligodendrocytesIn Vitro. Journal of Neuroscience, 2001, 21, 4740-4751.	3.6	118
72	Neurotransmitters as early signals for central nervous system development. Cell and Tissue Research, 2001, 305, 187-202.	2.9	335

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73	A 295-kDA intermediate filament-associated protein in radial glia and developing muscle cells in vivo and in vitro. Developmental Dynamics, 2000, 219, 514-525.	1.8	36
74	Radial glia phenotype: Origin, regulation, and transdifferentiation. Journal of Neuroscience Research, 2000, 61, 357-363.	2.9	115
75	Glycine triggers an intracellular calcium influx in oligodendrocyte progenitor cells which is mediated by the activation of both the ionotropic glycine receptor and Na+-dependent transporters. European Journal of Neuroscience, 2000, 12, 1924-1930.	2.6	42
76	Identification of PSF, the polypyrimidine tract-binding protein-associated splicing factor, as a developmentally regulated neuronal protein. Journal of Neuroscience Research, 1999, 57, 62-73.	2.9	26
77	From Neural Stem Cells to Myelinating Oligodendrocytes. Molecular and Cellular Neurosciences, 1999, 14, 287-300.	2.2	158
78	Expression of growth factors and their receptors in the postnatal rat cochlea. Neurochemical Research, 1998, 23, 1133-1138.	3.3	39
79	Cultured oligodendrocyte progenitors derived from cerebral cortex express a glycine receptor which is pharmacologically distinct from the neuronal isoform. European Journal of Neuroscience, 1998, 10, 3556-3564.	2.6	28
80	Developmental regulation of neuroligand-induced responses in cultured oligodendroglia. NeuroReport, 1998, 9, 973-980.	1.2	28
81	Growth and Fate of PSA-NCAM+ Precursors of the Postnatal Brain. Journal of Neuroscience, 1998, 18, 5777-5788.	3.6	190
82	Neuronal Control of Astrocyte Proliferation. , 1993, , 193-206.		1
83	Grafts of syngenic cultured, adult dorsal root ganglion-derived Schwann cells to the injured spinal cord of adult rats: preliminary morphological studies. Neuroscience Letters, 1991, 124, 44-48.	2.1	66
84	Potassium-induced release of neuronotoxic activity by astrocytes. Brain Research, 1987, 413, 120-128.	2.2	37
85	Sufasalazine unveils a contact-independent HSV-TK/ganciclovir gene therapy bystander effect in malignant gliomas. International Journal of Oncology, 0, , .	3.3	3
86	Neural Crest Stem Cells from Adult Bone Marrow: A New Source for Cell Replacement Therapy?. , 0, , .		1
87	Neural Fate of Mesenchymal Stem Cells and Neural Crest Stem Cells: Which Ways to Get Neurons for Cell Therapy Purpose?. , 0, , .		5
88	Highlights on the molecular signalizations which regulate the specific migration of glioblastoma-initiating cells to the subventricular zones. Frontiers in Human Neuroscience, 0, 6, .	2.0	1
89	Study of the SV2A protein role in Epilepsy. Frontiers in Aging Neuroscience, 0, 8, .	3.4	0