

Rossella Galli

List of Publications by Year in descending order

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65
papers

13,068
citations

116194

36
h-index

129628

63
g-index

65
all docs

65
docs citations

65
times ranked

16688
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Characterization of Tumorigenic, Stem-like Neural Precursors from Human Glioblastoma. <i>Cancer Research</i> , 2004, 64, 7011-7021.	0.4	2,318
2	Tie2 identifies a hematopoietic lineage of proangiogenic monocytes required for tumor vessel formation and a mesenchymal population of pericyte progenitors. <i>Cancer Cell</i> , 2005, 8, 211-226.	7.7	1,212
3	Injection of adult neurospheres induces recovery in a chronic model of multiple sclerosis. <i>Nature</i> , 2003, 422, 688-694.	13.7	1,057
4	CXCR4-activated astrocyte glutamate release via TNF α : amplification by microglia triggers neurotoxicity. <i>Nature Neuroscience</i> , 2001, 4, 702-710.	7.1	996
5	Brain tumour stem cells. <i>Nature Reviews Cancer</i> , 2006, 6, 425-436.	12.8	913
6	Characterization of CNS Precursor Subtypes and Radial Glia. <i>Developmental Biology</i> , 2001, 229, 15-30.	0.9	670
7	Isolation and Cloning of Multipotential Stem Cells from the Embryonic Human CNS and Establishment of Transplantable Human Neural Stem Cell Lines by Epigenetic Stimulation. <i>Experimental Neurology</i> , 1999, 156, 71-83.	2.0	510
8	Epidermal and Fibroblast Growth Factors Behave as Mitogenic Regulators for a Single Multipotent Stem Cell-Like Population from the Subventricular Region of the Adult Mouse Forebrain. <i>Journal of Neuroscience</i> , 1999, 19, 3287-3297.	1.7	493
9	Gene therapy of experimental brain tumors using neural progenitor cells. <i>Nature Medicine</i> , 2000, 6, 447-450.	15.2	450
10	Skeletal myogenic potential of human and mouse neural stem cells. <i>Nature Neuroscience</i> , 2000, 3, 986-991.	7.1	440
11	Multipotent Neural Stem Cells Reside into the Rostral Extension and Olfactory Bulb of Adult Rodents. <i>Journal of Neuroscience</i> , 2002, 22, 437-445.	1.7	358
12	Cardiomyocytes induce endothelial cells to trans-differentiate into cardiac muscle: Implications for myocardium regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10733-10738.	3.3	357
13	Mash1 specifies neurons and oligodendrocytes in the postnatal brain. <i>EMBO Journal</i> , 2004, 23, 4495-4505.	3.5	341
14	Immunobiological Characterization of Cancer Stem Cells Isolated from Glioblastoma Patients. <i>Clinical Cancer Research</i> , 2010, 16, 800-813.	3.2	295
15	Tumor-Targeted Interferon- β Delivery by Tie2-Expressing Monocytes Inhibits Tumor Growth and Metastasis. <i>Cancer Cell</i> , 2008, 14, 299-311.	7.7	267
16	Neural Stem Cells. <i>Circulation Research</i> , 2003, 92, 598-608.	2.0	232
17	Sustained Activation of mTOR Pathway in Embryonic Neural Stem Cells Leads to Development of Tuberous Sclerosis Complex-Associated Lesions. <i>Cell Stem Cell</i> , 2011, 9, 447-462.	5.2	212
18	Epidermal Growth Factor Receptor Expression Identifies Functionally and Molecularly Distinct Tumor-Initiating Cells in Human Glioblastoma Multiforme and Is Required for Gliomagenesis. <i>Cancer Research</i> , 2010, 70, 7500-7513.	0.4	198

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19	Basic fibroblast growth factor supports the proliferation of epidermal growth factor-generated neuronal precursor cells of the adult mouse CNS. <i>Neuroscience Letters</i> , 1995, 185, 151-154.	1.0	143
20	<i>Emx2</i> regulates the proliferation of stem cells of the adult mammalian central nervous system. <i>Development (Cambridge)</i> , 2002, 129, 1633-1644.	1.2	115
21	Tenascin-C Protects Cancer Stem-like Cells from Immune Surveillance by Arresting T-cell Activation. <i>Cancer Research</i> , 2015, 75, 2095-2108.	0.4	112
22	Isolation and Intracerebral Grafting of Nontransformed Multipotential Embryonic Human CNS Stem Cells. <i>Journal of Neurotrauma</i> , 1999, 16, 689-693.	1.7	110
23	Regulation of Neuronal Differentiation in Human CNS Stem Cell Progeny by Leukemia Inhibitory Factor. <i>Developmental Neuroscience</i> , 2000, 22, 86-95.	1.0	95
24	Mouse orthologue of ARX, a gene mutated in several X-linked forms of mental retardation and epilepsy, is a marker of adult neural stem cells and forebrain GABAergic neurons. <i>Developmental Dynamics</i> , 2004, 231, 631-639.	0.8	76
25	Neural Stem Cells in the Adult Nervous System. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2003, 12, 655-670.	1.8	70
26	Adult neural stem cells: plasticity and developmental potential. <i>Journal of Physiology (Paris)</i> , 2002, 96, 81-90.	2.1	67
27	Resilience to Transformation and Inherent Genetic and Functional Stability of Adult Neural Stem Cells Ex vivo. <i>Cancer Research</i> , 2007, 67, 3725-3733.	0.4	57
28	Defective Postnatal Neurogenesis and Disorganization of the Rostral Migratory Stream in Absence of the <i>Vax1</i> Homeobox Gene. <i>Journal of Neuroscience</i> , 2004, 24, 11171-11181.	1.7	52
29	Extracellular Sphingosine-1-Phosphate: A Novel Actor in Human Glioblastoma Stem Cell Survival. <i>PLoS ONE</i> , 2013, 8, e68229.	1.1	42
30	mTOR signaling in neural stem cells: from basic biology to disease. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2887-2898.	2.4	41
31	The proneural gene <i>ASCL1</i> governs the transcriptional subgroup affiliation in glioblastoma stem cells by directly repressing the mesenchymal gene <i>NDRG1</i> . <i>Cell Death and Differentiation</i> , 2019, 26, 1813-1831.	5.0	41
32	Behavioural and EEG effects of chronic rapamycin treatment in a mouse model of Tuberous Sclerosis Complex. <i>Neuropharmacology</i> , 2013, 67, 1-7.	2.0	40
33	Timing of mTOR activation affects tuberous sclerosis complex neuropathology in mouse models. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1185-97.	1.2	39
34	EGFR Amplified and Overexpressing Glioblastomas and Association With Better Response to Adjuvant Metronomic Temozolomide. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	39
35	Embryonic Stem-Derived Versus Somatic Neural Stem Cells: A Comparative Analysis of Their Developmental Potential and Molecular Phenotype. <i>Stem Cells</i> , 2006, 24, 825-834.	1.4	38
36	Neural precursor cell cultures from GM2 gangliosidosis animal models recapitulate the biochemical and molecular hallmarks of the brain pathology. <i>Journal of Neurochemistry</i> , 2009, 109, 135-147.	2.1	38

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37	Prostate cancer stem cells are targets of both innate and adaptive immunity and elicit tumor-specific immune responses. <i>Oncolmmunology</i> , 2013, 2, e24520.	2.1	38
38	Emx2 regulates the proliferation of stem cells of the adult mammalian central nervous system. <i>Development (Cambridge)</i> , 2002, 129, 1633-44.	1.2	38
39	Conformable hierarchically engineered polymeric micromeshes enabling combinatorial therapies in brain tumours. <i>Nature Nanotechnology</i> , 2021, 16, 820-829.	15.6	36
40	<i>miR-135a</i> Inhibits Cancer Stem Cell-Driven Medulloblastoma Development by Directly Repressing <i>Arhgef6</i> Expression. <i>Stem Cells</i> , 2015, 33, 1377-1389.	1.4	35
41	The GluR2 subunit inhibits proliferation by inactivating Srcâ€MAPK signalling and induces apoptosis by means of caspase 3/6â€dependent activation in glioma cells. <i>European Journal of Neuroscience</i> , 2009, 30, 25-34.	1.2	32
42	Co-Graft of Allogeneic Immune Regulatory Neural Stem Cells (NPC) and Pancreatic Islets Mediates Tolerance, while Inducing NPC-Derived Tumors in Mice. <i>PLoS ONE</i> , 2010, 5, e10357.	1.1	30
43	Cultures of Stem Cells of the Central Nervous System. , 2001, , 173-197.		24
44	Clonal Analyses and Cryopreservation of Neural Stem Cell Cultures. <i>Methods in Molecular Biology</i> , 2008, 438, 173-184.	0.4	23
45	Differential Signature of the Centrosomal MARK4 Isoforms in Glioma. <i>Analytical Cellular Pathology</i> , 2011, 34, 319-338.	0.7	23
46	Enhanced SPARCL1 expression in cancer stem cells improves preclinical modeling of glioblastoma by promoting both tumor infiltration and angiogenesis. <i>Neurobiology of Disease</i> , 2020, 134, 104705.	2.1	23
47	Galectin-3 in Prostate Cancer Stem-Like Cells Is Immunosuppressive and Drives Early Metastasis. <i>Frontiers in Immunology</i> , 2020, 11, 1820.	2.2	22
48	Gene Signatures Associated with Mouse Postnatal Hindbrain Neural Stem Cells and Medulloblastoma Cancer Stem Cells Identify Novel Molecular Mediators and Predict Human Medulloblastoma Molecular Classification. <i>Cancer Discovery</i> , 2012, 2, 554-568.	7.7	21
49	Tuberous sclerosis complexâ€associated CNS abnormalities depend on hyperactivation of mTORC1 and Akt. <i>Journal of Clinical Investigation</i> , 2018, 128, 1688-1706.	3.9	21
50	CRISPR-based gene disruption and integration of high-avidity, WT1-specific T cell receptors improve antitumor T cell function. <i>Science Translational Medicine</i> , 2022, 14, eabg8027.	5.8	21
51	Gene Signatures Distinguish Stage-Specific Prostate Cancer Stem Cells Isolated From Transgenic Adenocarcinoma of the Mouse Prostate Lesions and Predict the Malignancy of Human Tumors. <i>Stem Cells Translational Medicine</i> , 2013, 2, 678-689.	1.6	20
52	The synthetic purine reversine selectively induces cell death of cancer cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3207-3217.	1.2	18
53	Adult Neural Stem Cells. <i>Methods in Molecular Biology</i> , 2008, 438, 67-84.	0.4	16
54	The Neurosphere Assay Applied to Neural Stem Cells and Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 986, 267-277.	0.4	15

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55	Monoclonal Antibodies Conjugated with Superparamagnetic Iron Oxide Particles Allow Magnetic Resonance Imaging Detection of Lymphocytes in the Mouse Brain. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00032.	0.7	13
56	A simplified integrated molecular and immunohistochemistry-based algorithm allows high accuracy prediction of glioblastoma transcriptional subtypes. <i>Laboratory Investigation</i> , 2020, 100, 1330-1344.	1.7	12
57	MicroRNA Expression Profile Distinguishes Glioblastoma Stem Cells from Differentiated Tumor Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 264.	1.1	12
58	Imaging Metformin Efficacy as Add-On Therapy in Cells and Mouse Models of Human EGFR Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 664149.	1.3	8
59	Gliomagenesis: a game played by few players or a team effort?. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 205.	0.9	7
60	Clonal Analyses and Cryopreservation of Neural Stem Cell Cultures. , 2002, 198, 115-124.		6
61	T1-Weighted Dynamic Contrast-Enhanced MRI Is a Noninvasive Marker of Epidermal Growth Factor Receptor vIII Status in Cancer Stem Cell-Derived Experimental Glioblastomas. <i>American Journal of Neuroradiology</i> , 2016, 37, E49-E51.	1.2	6
62	The Neurosphere Assay (NSA) Applied to Neural Stem Cells (NSCs) and Cancer Stem Cells (CSCs). <i>Methods in Molecular Biology</i> , 2019, 1953, 139-149.	0.4	6
63	Lipophilic dye-compatible brain clearing technique allowing correlative magnetic resonance/high-resolution fluorescence imaging in rat models of glioblastoma. <i>Scientific Reports</i> , 2020, 10, 17974.	1.6	3
64	mTORC1 promotes malignant large cell/anaplastic histology and is a targetable vulnerability in SHH-TP53 mutant medulloblastoma. <i>JCI Insight</i> , 2021, 6, .	2.3	3
65	Brain tumor stem cell dancing. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2014, 50, 286-90.	0.2	2