

Mariachiara Buccarelli

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

925
citations

471509

17
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. <i>Cell Death and Disease</i> , 2018, 9, 841.	6.3	182
2	Metabolic/Proteomic Signature Defines Two Glioblastoma Subtypes With Different Clinical Outcome. <i>Scientific Reports</i> , 2016, 6, 21557.	3.3	75
3	Rapid and Efficient Invasion Assay of Glioblastoma in Human Brain Organoids. <i>Cell Reports</i> , 2020, 31, 107738.	6.4	65
4	Human mesenchymal stromal cells inhibit tumor growth in orthotopic glioblastoma xenografts. <i>Stem Cell Research and Therapy</i> , 2017, 8, 53.	5.5	57
5	The clinical value of patient-derived glioblastoma tumorspheres in predicting treatment response. <i>Neuro-Oncology</i> , 2017, 19, 1097-1108.	1.2	56
6	Elesclomol-induced increase of mitochondrial reactive oxygen species impairs glioblastoma stem-like cell survival and tumor growth. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 228.	8.6	45
7	Deregulated expression of the imprinted <i>DLK1-DIO3</i> region in glioblastoma stemlike cells: tumor suppressor role of lncRNA MEG3. <i>Neuro-Oncology</i> , 2020, 22, 1771-1784.	1.2	44
8	Antimicrobial and antioxidant amphiphilic random copolymers to address medical device-centered infections. <i>Acta Biomaterialia</i> , 2015, 22, 131-140.	8.3	43
9	miR-135b suppresses tumorigenesis in glioblastoma stem-like cells impairing proliferation, migration and self-renewal. <i>Oncotarget</i> , 2015, 6, 37241-37256.	1.8	42
10	Hypoxia, Inflammation and Necrosis as Determinants of Glioblastoma Cancer Stem Cells Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2660.	4.1	39
11	Inhibition of mitochondrial translation suppresses glioblastoma stem cell growth. <i>Cell Reports</i> , 2021, 35, 109024.	6.4	33
12	A three-microRNA signature identifies two subtypes of glioblastoma patients with different clinical outcomes. <i>Molecular Oncology</i> , 2017, 11, 1115-1129.	4.6	32
13	Metabolic Heterogeneity Evidenced by MRS among Patient-Derived Glioblastoma Multiforme Stem-Like Cells Accounts for Cell Clustering and Different Responses to Drugs. <i>Stem Cells International</i> , 2018, 2018, 1-16.	2.5	29
14	Mir-370-3p Impairs Glioblastoma Stem-Like Cell Malignancy Regulating a Complex Interplay between HMGA2/HIF1A and the Oncogenic Long Non-Coding RNA (lncRNA) NEAT1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3610.	4.1	25
15	IFN- γ potentiates the direct and immune-mediated antitumor effects of epigenetic drugs on both metastatic and stem cells of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 26361-26373.	1.8	25
16	G-quadruplex ligand RHPS4 radiosensitizes glioblastoma xenograft in vivo through a differential targeting of bulky differentiated- and stem-cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 311.	8.6	22
17	Glioblastoma endothelium drives bevacizumab-induced infiltrative growth via modulation of PLXDC1. <i>International Journal of Cancer</i> , 2019, 144, 1331-1344.	5.1	22
18	Brain Invasion along Perivascular Spaces by Glioma Cells: Relationship with Blood-Brain Barrier. <i>Cancers</i> , 2020, 12, 18.	3.7	19

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19	Anticancer Properties of the Antipsychotic Drug Chlorpromazine and Its Synergism With Temozolomide in Restraining Human Glioblastoma Proliferation In Vitro. <i>Frontiers in Oncology</i> , 2021, 11, 635472.	2.8	19
20	UCN-01 enhances cytotoxicity of irinotecan in colorectal cancer stem-like cells by impairing DNA damage response. <i>Oncotarget</i> , 2016, 7, 44113-44128.	1.8	17
21	Short tandem repeat profiling for the authentication of cancer stem-like cells. <i>International Journal of Cancer</i> , 2021, 148, 1489-1498.	5.1	13
22	Different Mechanisms Underlie the Metabolic Response of GBM Stem-Like Cells to Ionizing Radiation: Biological and MRS Studies on Effects of Photons and Carbon Ions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5167.	4.1	8
23	Sox2-dependent maintenance of mouse oligodendroglioma involves the Sox2-mediated downregulation of Cdkn2b, Ebf1, Zfp423, and Hey2. <i>Glia</i> , 2021, 69, 579-593.	4.9	6
24	MiR-378a-3p Acts as a Tumor Suppressor in Colorectal Cancer Stem-Like Cells and Affects the Expression of MALAT1 and NEAT1 lncRNAs. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	5
25	Dilation of Brain Veins and Perivascular Infiltration by Glioblastoma Cells in an In Vivo Assay of Early Tumor Angiogenesis. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	1
26	Effects of the Combined Treatment with a G-Quadruplex-Stabilizing Ligand and Photon Beams on Glioblastoma Stem-like Cells: A Magnetic Resonance Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12709.	4.1	1