# Lucia Ricci Vitiani

List of Publications by Year
in descending order



| 74 | 9,608 | 76326 40 | 76900 74 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 77 | 77 | 77 | 13903 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ADAR1 is a new target of METTL3 and plays a pro-oncogenic role in glioblastoma by an editing-independent mechanism. Genome Biology, 2021, 22, 51. | 8.8 | 71 |
| 2 | Dilation of Brain Veins and Perivascular Infiltration by Glioblastoma Cells in an In Vivo Assay of Early Tumor Angiogenesis. BioMed Research International, 2021, 2021, 1-11. | 1.9 | 1 |
| 3 | Elesclomol-induced increase of mitochondrial reactive oxygen species impairs glioblastoma stem-like cell survival and tumor growth. Journal of Experimental and Clinical Cancer Research, 2021, 40, 228. | 8.6 | 45 |
| 4 | Zika virus infection induces MiR34c expression in glioblastoma stem cells: new perspectives for brain tumor treatments. Cell Death and Disease, 2019, 10, 263. | 6.3 | 23 |
| 5 | The anti-vascular endothelial growth factor receptor-1 monoclonal antibody D16F7 inhibits invasiveness of human glioblastoma and glioblastoma stem cells. Journal of Experimental and Clinical Cancer Research, 2017, 36, 106. | 8.6 | 36 |
| 6 | RYK promotes the stemness of glioblastoma cells via the WNT/Î²-catenin pathway. Oncotarget, 2017, 8, 13476-13487. | 1.8 | 38 |
| 7 | Type 5 phosphodiesterase regulates glioblastoma multiforme aggressiveness and clinical outcome. Oncotarget, 2017, 8, 13223-13239. | 1.8 | 30 |
| 8 | Cancer Stem Cell-Based Models of Colorectal Cancer Reveal Molecular Determinants of Therapy Resistance. Stem Cells Translational Medicine, 2016, 5, 511-523. | 3.3 | 48 |
| 9 | Metabolic/Proteomic Signature Defines Two Glioblastoma Subtypes With Different Clinical Outcome. Scientific Reports, 2016, 6, 21557. | 3.3 | 75 |
| 10 | IFN-Î± potentiates the direct and immune-mediated antitumor effects of epigenetic drugs on both metastatic and stem cells of colorectal cancer. Oncotarget, 2016, 7, 26361-26373. | 1.8 | 25 |
| 11 | A BMP7 Variant Inhibits Tumor Angiogenesis In Vitro and In Vivo through Direct Modulation of Endothelial Cell Biology. PLoS ONE, 2015, 10, e0125697. | 2.5 | 14 |
| 12 | Potentiation of temozolomide antitumor effect by purine receptor ligands able to restrain the in vitro growth of human glioblastoma stem cells. Purinergic Signalling, 2015, 11, 331-346. | 2.2 | 27 |
| 13 | <sup>1</sup>H NMR spectroscopy of glioblastoma stemâ€like cells identifies alphaâ€aminoadipate as a marker of tumor aggressiveness. NMR in Biomedicine, 2015, 28, 317-326. | 2.8 | 27 |
| 14 | Glioblastoma stem cells: radiobiological response to ionising radiations of different qualities. Radiation Protection Dosimetry, 2015, 166, 374-378. | 0.8 | 11 |
| 15 | VEGF isoforms as outcome biomarker for anti-angiogenic therapy in recurrent glioblastoma. Neurology, 2015, 84, 1906-1908. | 1.1 | 22 |
| 16 | High nitric oxide production, secondary to inducible nitric oxide synthase expression, is essential for regulation of the tumourâ€initiating properties of colon cancer stem cells. Journal of Pathology, 2015, 236, 479-490. | 4.5 | 47 |
| 17 | Cannabidiol stimulates <scp>A</scp>mlâ€1aâ€dependent glial differentiation and inhibits glioma stemâ€like cells proliferation by inducing autophagy in a <scp>TRPV</scp>2â€dependent manner. International Journal of Cancer, 2015, 137, 1855-1869. | 5.1 | 123 |
| 18 | Antimicrobial and antioxidant amphiphilic random copolymers to address medical device-centered infections. Acta Biomaterialia, 2015, 22, 131-140. | 8.3 | 43 |

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|---|---|---|---|
| 19 | Salinomycin Potentiates the Cytotoxic Effects of TRAIL on Glioblastoma Cell Lines. PLoS ONE, 2014, 9, e94438. | 2.5 | 33 |
| 20 | Combined PDK1 and CHK1 inhibition is required to kill glioblastoma stem-like cells in vitro and in vivo. Cell Death and Disease, 2014, 5, e1223-e1223. | 6.3 | 57 |
| 21 | <sup>1</sup>H NMR detects different metabolic profiles in glioblastoma stemâ€like cells. NMR in Biomedicine, 2014, 27, 129-145. | 2.8 | 24 |
| 22 | Pharmacological inhibition of poly(ADP-ribose) polymerase-1 modulates resistance of human glioblastoma stem cells to temozolomide. BMC Cancer, 2014, 14, 151. | 2.6 | 64 |
| 23 | Analysis of the combined action of miR-143 and miR-145 on oncogenic pathways in colorectal cancer cells reveals a coordinate program of gene repression. Oncogene, 2013, 32, 4806-4813. | 5.9 | 159 |
| 24 | Type-3 metabotropic glutamate receptors regulate chemoresistance in glioma stem cells, and their levels are inversely related to survival in patients with malignant gliomas. Cell Death and Differentiation, 2013, 20, 396-407. | 11.2 | 53 |
| 25 | Targeting apoptosis pathways in cancer stem cells. Cancer Letters, 2013, 332, 374-382. | 7.2 | 100 |
| 26 | Functional Role and Therapeutic Potential of the Pim-1 Kinase in Colon Carcinoma. Neoplasia, 2013, 15, 773-IN27. | 5.3 | 19 |
| 27 | Epigenetic silencing of Id4 identifies a glioblastoma subgroup with a better prognosis as a consequence of an inhibition of angiogenesis. Cancer, 2013, 119, 1004-1012. | 4.1 | 42 |
| 28 | Gene Expression Analysis of PTEN Positive Glioblastoma Stem Cells Identifies DUB3 and Wee1 Modulation in a Cell Differentiation Model. PLoS ONE, 2013, 8, e81432. | 2.5 | 10 |
| 29 | CPTH6, a Thiazole Derivative, Induces Histone Hypoacetylation and Apoptosis in Human Leukemia Cells. Clinical Cancer Research, 2012, 18, 475-486. | 7.0 | 47 |
| 30 | Knockdown of Ubiquitin Ligases in Glioblastoma Cancer Stem Cells Leads to Cell Death and Differentiation. Journal of Biomolecular Screening, 2012, 17, 152-162. | 2.6 | 10 |
| 31 | A BMP7 variant inhibits the tumorigenic potential of glioblastoma stem-like cells. Cell Death and Differentiation, 2012, 19, 1644-1654. | 11.2 | 64 |
| 32 | Proliferation State and Polo-Like Kinase1 Dependence of Tumorigenic Colon Cancer Cells. Stem Cells, 2012, 30, 1819-1830. | 3.2 | 53 |
| 33 | The transient receptor potential vanilloidâ€2 cation channel impairs glioblastoma stemâ€like cell proliferation and promotes differentiation. International Journal of Cancer, 2012, 131, E1067-77. | 5.1 | 71 |
| 34 | Abstract 883: Cell-based selection of RNA-aptamers to specifically target glioblastoma cancer stem cells. , 2012, , . | | 0 |
| 35 | Bone Morphogenetic Protein 4 Induces Differentiation of Colorectal Cancer Stem Cells and Increases Their Response to Chemotherapy in Mice. Gastroenterology, 2011, 140, 297-309.e6. | 1.3 | 202 |
| 36 | Expression of EGFRvIII in Glioblastoma: Prognostic Significance Revisited. Neoplasia, 2011, 13, 1113-IN6. | 5.3 | 115 |

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| 37 | Expression of the stem cell marker CD133 in recurrent glioblastoma and its value for prognosis. Cancer, 2011, 117, 162-174. | 4.1 | 80 |
| 38 | Abstract 3312: Protein activation pathway analysis of glioblastoma stem cells reveals potential novel biomarkers. , 2011, , . | | 0 |
| 39 | Autoimmune B-cell lymphopenia after successful adoptive therapy with telomerase-specific T lymphocytes. Blood, 2010, 115, 1374-1384. | 1.4 | 33 |
| 40 | mGLU3 metabotropic glutamate receptors modulate the differentiation of SVZâ€derived neural stem cells towards the astrocytic lineage. Glia, 2010, 58, 813-822. | 4.9 | 24 |
| 41 | PED interacts with Rac1 and regulates cell migration/invasion processes in human nonâ€small cell lung cancer cells. Journal of Cellular Physiology, 2010, 225, 63-72. | 4.1 | 18 |
| 42 | Tumour vascularization via endothelial differentiation of glioblastoma stem-like cells. Nature, 2010, 468, 824-828. | 27.8 | 1,235 |
| 43 | TRPV2 channel negatively controls glioma cell proliferation and resistance to Fas-induced apoptosis in ERK-dependent manner. Carcinogenesis, 2010, 31, 794-803. | 2.8 | 101 |
| 44 | Knockdown of Cancer Testis Antigens Modulates Neural Stem Cell Marker Expression in Glioblastoma Tumor Stem Cells. Journal of Biomolecular Screening, 2010, 15, 830-839. | 2.6 | 11 |
| 45 | Obesity hormone leptin induces growth and interferes with the cytotoxic effects of 5-fluorouracil in colorectal tumor stem cells. Endocrine-Related Cancer, 2010, 17, 823-833. | 3.1 | 58 |
| 46 | Thymosin Î²4 targeting impairs tumorigenic activity of colon cancer stem cells. FASEB Journal, 2010, 24, 4291-4301. | 0.5 | 33 |
| 47 | New models for cancer research: human cancer stem cell xenografts. Current Opinion in Pharmacology, 2010, 10, 380-384. | 3.5 | 47 |
| 48 | Therapeutic implications of colon cancer stem cells. World Journal of Gastroenterology, 2010, 16, 3871. | 3.3 | 43 |
| 49 | Tumorigenic Potential of Olfactory Bulb-Derived Human Adult Neural Stem Cells Associates with Activation of TERT and NOTCH1. PLoS ONE, 2009, 4, e4434. | 2.5 | 41 |
| 50 | Downregulation of thymosin Î²4 in neural progenitor grafts promotes spinal cord regeneration. Journal of Cell Science, 2009, 122, 4195-4207. | 2.0 | 29 |
| 51 | Colon cancer stem cells. Journal of Molecular Medicine, 2009, 87, 1097-1104. | 3.9 | 193 |
| 52 | Inhibition of telomerase in the endothelial cells disrupts tumor angiogenesis in glioblastoma xenografts. International Journal of Cancer, 2008, 122, 1236-1242. | 5.1 | 32 |
| 53 | Mesenchymal differentiation of glioblastoma stem cells. Cell Death and Differentiation, 2008, 15, 1491-1498. | 11.2 | 97 |
| 54 | Loss of pericentromeric DNA methylation pattern in human glioblastoma is associated with altered DNA methyltransferases expression and involves the stem cell compartment. Oncogene, 2008, 27, 358-365. | 5.9 | 70 |

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| 55 | The secretion and maturation of prosaposin and procathepsin D are blocked in embryonic neural progenitor cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1480-1489. | 4.1 | 12 |
| 56 | Type-3 metabotropic glutamate receptors negatively modulate bone morphogenetic protein receptor signaling and support the tumourigenic potential of glioma-initiating cells. Neuropharmacology, 2008, 55, 568-576. | 4.1 | 40 |
| 57 | Cancer Stem Cell Analysis and Clinical Outcome in Patients with Glioblastoma Multiforme. Clinical Cancer Research, 2008, 14, 8205-8212. | 7.0 | 327 |
| 58 | Colon cancer stem cells. Gut, 2007, 57, 538-548. | 12.1 | 64 |
| 59 | MUC1 Oncoprotein Promotes Refractoriness to Chemotherapy in Thyroid Cancer Cells. Cancer Research, 2007, 67, 5522-5530. | 0.9 | 33 |
| 60 | Human neural progenitor cells display limited cytotoxicity and increased oligodendrogenesis during inflammation. Cell Death and Differentiation, 2007, 14, 876-878. | 11.2 | 16 |
| 61 | Identification and expansion of human colon-cancer-initiating cells. Nature, 2007, 445, 111-115. | 27.8 | 3,690 |
| 62 | Chemotherapy resistance of glioblastoma stem cells. Cell Death and Differentiation, 2006, 13, 1238-1241. | 11.2 | 578 |
| 63 | Influence of local environment on the differentiation of neural stem cells engrafted onto the injured spinal cord. Neurological Research, 2006, 28, 488-492. | 1.3 | 39 |
| 64 | Establishing tumor cell lines from aggressive telomerase-positive chordomas of the skull base. Journal of Neurosurgery, 2006, 105, 482-484. | 1.6 | 17 |
| 65 | Autocrine Production of Interleukin-4 and Interleukin-10 Is Required for Survival and Growth of Thyroid Cancer Cells. Cancer Research, 2006, 66, 1491-1499. | 0.9 | 110 |
| 66 | Endogenous activation of metabotropic glutamate receptors supports the proliferation and survival of neural progenitor cells. Cell Death and Differentiation, 2005, 12, 1124-1133. | 11.2 | 124 |
| 67 | PED Mediates AKT-Dependent Chemoresistance in Human Breast Cancer Cells. Cancer Research, 2005, 65, 6668-6675. | 0.9 | 56 |
| 68 | Inhibition of DNA Methylation Sensitizes Glioblastoma for Tumor Necrosis Factorâ€“Related Apoptosis-Inducing Ligandâ€“Mediated Destruction. Cancer Research, 2005, 65, 11469-11477. | 0.9 | 81 |
| 69 | Absence of Caspase 8 and High Expression of PED Protect Primitive Neural Cells from Cell Death. Journal of Experimental Medicine, 2004, 200, 1257-1266. | 8.5 | 101 |
| 70 | PHCCC, a Specific Enhancer of Type 4 Metabotropic Glutamate Receptors, Reduces Proliferation and Promotes Differentiation of Cerebellar Granule Cell Neuroprecursors. Journal of Neuroscience, 2004, 24, 10343-10352. | 3.6 | 65 |
| 71 | CD95 death-inducing signaling complex formation and internalization occur in lipid rafts of typeâ€„I and typeâ€„II cells. European Journal of Immunology, 2004, 34, 1930-1940. | 2.9 | 95 |
| 72 | Fas-FasL in Hashimoto's thyroiditis. Journal of Clinical Immunology, 2001, 21, 19-23. | 3.8 | 28 |

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| 73 | Control of target cell survival in thyroid autoimmunity by T helper cytokines via regulation of apoptotic proteins. Nature Immunology, 2000, 1, 483-488. | 14.5 | 139 |
| 74 | CD95/CD95L interactions and their role in autoimmunity. Apoptosis: an International Journal on Programmed Cell Death, 2000, 5, 419-424. | 4.9 | 14 |