

# Donna Senger

## List of Publications by Year in descending order

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36  
papers

2,498  
citations

172457

29  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reovirus as an Oncolytic Agent Against Experimental Human Malignant Gliomas. <i>Journal of the National Cancer Institute</i> , 2001, 93, 903-912.	6.3	203
2	Proliferation of Human Glioblastoma Stem Cells Occurs Independently of Exogenous Mitogens. <i>Stem Cells</i> , 2009, 27, 1722-1733.	3.2	175
3	Rapid Retrograde Tyrosine Phosphorylation of trkA and Other Proteins in Rat Sympathetic Neurons in Compartmented Cultures. <i>Journal of Cell Biology</i> , 1997, 138, 411-421.	5.2	153
4	The p75 Neurotrophin Receptor Is a Central Regulator of Glioma Invasion. <i>PLoS Biology</i> , 2007, 5, e212.	5.6	150
5	Myxoma Virus Is a Novel Oncolytic Virus with Significant Antitumor Activity against Experimental Human Gliomas. <i>Cancer Research</i> , 2005, 65, 9982-9990.	0.9	149
6	Efficacy of Systemically Administered Oncolytic Vaccinia Virotherapy for Malignant Gliomas Is Enhanced by Combination Therapy with Rapamycin or Cyclophosphamide. <i>Clinical Cancer Research</i> , 2009, 15, 2777-2788.	7.0	142
7	Disulfiram when Combined with Copper Enhances the Therapeutic Effects of Temozolomide for the Treatment of Glioblastoma. <i>Clinical Cancer Research</i> , 2016, 22, 3860-3875.	7.0	142
8	Targeting Human Medulloblastoma: Oncolytic Virotherapy with Myxoma Virus Is Enhanced by Rapamycin. <i>Cancer Research</i> , 2007, 67, 8818-8827.	0.9	97
9	Myxoma Virus Virotherapy for Glioma in Immunocompetent Animal Models: Optimizing Administration Routes and Synergy with Rapamycin. <i>Cancer Research</i> , 2010, 70, 598-608.	0.9	90
10	Effects of Intravenously Administered Recombinant Vesicular Stomatitis Virus (VSV $\Delta$ M51 ) on Multifocal and Invasive Gliomas. <i>Journal of the National Cancer Institute</i> , 2006, 98, 1546-1557.	6.3	88
11	Efficacy and Safety/Toxicity Study of Recombinant Vaccinia Virus JX-594 in Two Immunocompetent Animal Models of Glioma. <i>Molecular Therapy</i> , 2010, 18, 1927-1936.	8.2	83
12	Efficacy and Safety Evaluation of Human Reovirus Type 3 in Immunocompetent Animals. <i>Clinical Cancer Research</i> , 2004, 10, 8561-8576.	7.0	78
13	Proteolytic Disassembly Is a Critical Determinant for Reovirus Oncolysis. <i>Molecular Therapy</i> , 2007, 15, 1512-1521.	8.2	76
14	Renal immune surveillance and dipeptidase-1 contribute to contrast-induced acute kidney injury. <i>Journal of Clinical Investigation</i> , 2018, 128, 2894-2913.	8.2	74
15	Gamma-Secretase Represents a Therapeutic Target for the Treatment of Invasive Glioma Mediated by the p75 Neurotrophin Receptor. <i>PLoS Biology</i> , 2008, 6, e289.	5.6	66
16	Activation of NOTCH Signaling by Tenascin-C Promotes Growth of Human Brain Tumor-Initiating Cells. <i>Cancer Research</i> , 2017, 77, 3231-3243.	0.9	61
17	ADAM-9 is a novel mediator of tenascin-C-stimulated invasiveness of brain tumor-initiating cells. <i>Neuro-Oncology</i> , 2015, 17, 1095-1105.	1.2	59
18	Long-Term Survivors of Glioblastoma. <i>Cancer Journal (Sudbury, Mass )</i> , 2003, 9, 214-221.	2.0	51

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19	Novel <i>MSH6</i> Mutations in Treatment-Na <sup>+</sup> ve Glioblastoma and Anaplastic Oligodendroglioma Contribute to Temozolomide Resistance Independently of <i>MGMT</i> Promoter Methylation. <i>Clinical Cancer Research</i> , 2014, 20, 4894-4903.	7.0	51
20	Evidence that Protein Kinase C Activities Involved in Regulating Neurite Growth Are Localized to Distal Neurites. <i>Journal of Neurochemistry</i> , 1994, 63, 868-878.	3.9	47
21	Oncolytic Efficacy of Recombinant Vesicular Stomatitis Virus and Myxoma Virus in Experimental Models of Rhabdoid Tumors. <i>Clinical Cancer Research</i> , 2008, 14, 1218-1227.	7.0	47
22	Glioma invasion mediated by the p75 neurotrophin receptor (p75NTR/CD271) requires regulated interaction with PDLIM1. <i>Oncogene</i> , 2016, 35, 1411-1422.	5.9	47
23	Reovirus as an experimental therapeutic for brain and leptomeningeal metastases from breast cancer. <i>Gene Therapy</i> , 2004, 11, 1579-1589.	4.5	45
24	Treating brain tumor-initiating cells using a combination of myxoma virus and rapamycin. <i>Neuro-Oncology</i> , 2013, 15, 904-920.	1.2	44
25	Delivery of newly synthesized tubulin to rapidly growing distal axons of sympathetic neurons in compartmented cultures.. <i>Journal of Cell Biology</i> , 1996, 135, 701-709.	5.2	43
26	Comprehensive genomic profiling of glioblastoma tumors, BTICs, and xenografts reveals stability and adaptation to growth environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19098-19108.	7.1	42
27	Small molecule epigenetic screen identifies novel EZH2 and HDAC inhibitors that target glioblastoma brain tumor-initiating cells. <i>Oncotarget</i> , 2016, 7, 59360-59376.	1.8	34
28	Spatial requirements for TrkA kinase activity in the support of neuronal survival and axon growth in rat sympathetic neurons. <i>Neuropharmacology</i> , 2003, 45, 995-1010.	4.1	33
29	Spatial Regulation of Neuronal Gene Expression in Response to Nerve Growth Factor. <i>Developmental Biology</i> , 1997, 184, 1-9.	2.0	31
30	ABT-888 restores sensitivity in temozolomide resistant glioma cells and xenografts. <i>PLoS ONE</i> , 2018, 13, e0202860.	2.5	28
31	Intratumoral Genetic and Functional Heterogeneity in Pediatric Glioblastoma. <i>Cancer Research</i> , 2019, 79, 2111-2123.	0.9	28
32	Development of a peptide-based delivery platform for targeting malignant brain tumors. <i>Biomaterials</i> , 2020, 252, 120105.	11.4	15
33	Population-based Study of Medulloblastoma: Outcomes in Alberta from 1975 to 1996. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 210-215.	0.5	11
34	The Role of Neurotrophin Signaling in Gliomagenesis. <i>Vitamins and Hormones</i> , 2017, 104, 367-404.	1.7	11
35	Eukaryotic initiation factor 5B (eIF5B) regulates temozolomide-mediated apoptosis in brain tumour stem cells (BTSCs). <i>Biochemistry and Cell Biology</i> , 2020, 98, 647-652.	2.0	4
36	TMIC-02CELL AUTONOMOUS AND CELL NON-AUTONOMOUS ROLES OF p75 NEUROTROPHIN RECEPTOR (p75NTR) IN GLIOMA INVASION. <i>Neuro-Oncology</i> , 2015, 17, v214.6-v214.	1.2	0