

# John R Silber

## List of Publications by Year in descending order

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17  
papers

747  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	The apurinic/apyrimidinic endonuclease activity of Ape1/Ref-1 contributes to human glioma cell resistance to alkylating agents and is elevated by oxidative stress. <i>Clinical Cancer Research</i> , 2002, 8, 3008-18.	7.0	111
2	Proliferation and enrichment of CD133+ glioblastoma cancer stem cells on 3D chitosan-alginate scaffolds. <i>Biomaterials</i> , 2014, 35, 9137-9143.	11.4	105
3	O6-Methylguanine-DNA methyltransferase in glioma therapy: Promise and problems. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 71-82.	7.4	71
4	Nanoparticle-Mediated Target Delivery of TRAIL as Gene Therapy for Glioblastoma. <i>Advanced Healthcare Materials</i> , 2015, 4, 2719-2726.	7.6	69
5	Culture on 3D Chitosan-Hyaluronic Acid Scaffolds Enhances Stem Cell Marker Expression and Drug Resistance in Human Glioblastoma Cancer Stem Cells. <i>Advanced Healthcare Materials</i> , 2016, 5, 3173-3181.	7.6	60
6	Nanoparticle mediated silencing of DNA repair sensitizes pediatric brain tumor cells to $\gamma$ -irradiation. <i>Molecular Oncology</i> , 2015, 9, 1071-1080.	4.6	57
7	The Werner syndrome protein confers resistance to the DNA lesions N3-methyladenine and O6-methylguanine: implications for WRN function. <i>DNA Repair</i> , 2004, 3, 629-638.	2.8	44
8	Contribution of O6-methylguanine-DNA methyltransferase to resistance to 1,3-(2-chloroethyl)-1-nitrosourea in human brain tumor-derived cell lines. <i>Molecular Carcinogenesis</i> , 1995, 13, 81-88.	2.7	43
9	Repair of 3-methyladenine and abasic sites by base excision repair mediates glioblastoma resistance to temozolomide. <i>Frontiers in Oncology</i> , 2012, 2, 176.	2.8	43
10	Nanoparticle-mediated knockdown of DNA repair sensitizes cells to radiotherapy and extends survival in a genetic mouse model of glioblastoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2131-2139.	3.3	37
11	Contribution of O6-methylguanine-DNA methyltransferase to monofunctional alkylating-agent resistance in human brain tumor-derived cell lines. <i>Molecular Carcinogenesis</i> , 1995, 13, 70-80.	2.7	35
12	O6-methylguanine-DNA methyltransferase activity is associated with response to alkylating agent therapy and with MGMT promoter methylation in glioblastoma and anaplastic glioma. <i>BBA Clinical</i> , 2015, 3, 1-10.	4.1	16
13	siRNA Nanoparticle Suppresses Drug-Resistant Gene and Prolongs Survival in an Orthotopic Glioblastoma Xenograft Mouse Model. <i>Advanced Functional Materials</i> , 2021, 31, 2007166.	14.9	16
14	pH-Sensitive O6-Benzylguanosine Polymer Modified Magnetic Nanoparticles for Treatment of Glioblastomas. <i>Bioconjugate Chemistry</i> , 2017, 28, 194-202.	3.6	15
15	Effects of tumor grade and dexamethasone on myeloid cells in patients with glioma. <i>Oncolmmunology</i> , 2018, 7, e1507668.	4.6	12
16	Towards use of MRI-guided ultrasound for treating cerebral vasospasm. <i>Journal of Therapeutic Ultrasound</i> , 2016, 4, 6.	2.2	7
17	Lipid association increases the potency against primary medulloblastoma cells and systemic exposure of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) in rats. <i>Pharmaceutical Research</i> , 1999, 16, 896-903.	3.5	6