John R Silber

List of Publications by Year
in descending order

17	747	623734	888059
papers	citations	14 h-index	17 g-index

17	17	17	1262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	siRNA Nanoparticle Suppresses Drugâ€Resistant Gene and Prolongs Survival in an Orthotopic Glioblastoma Xenograft Mouse Model. Advanced Functional Materials, 2021, 31, 2007166.	14.9	16
2	Effects of tumor grade and dexamethasone on myeloid cells in patients with glioma. OncoImmunology, 2018, 7, e1507668.	4.6	12
3	Nanoparticle-mediated knockdown of DNA repair sensitizes cells to radiotherapy and extends survival in a genetic mouse model of glioblastoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2131-2139.	3.3	37
4	pH-Sensitive O6-Benzylguanosine Polymer Modified Magnetic Nanoparticles for Treatment of Glioblastomas. Bioconjugate Chemistry, 2017, 28, 194-202.	3.6	15
5	Culture on 3D Chitosanâ€Hyaluronic Acid Scaffolds Enhances Stem Cell Marker Expression and Drug Resistance in Human Glioblastoma Cancer Stem Cells. Advanced Healthcare Materials, 2016, 5, 3173-3181.	7.6	60
6	Towards use of MRI-guided ultrasound for treating cerebral vasospasm. Journal of Therapeutic Ultrasound, 2016, 4, 6.	2.2	7
7	Nanoparticleâ€Mediated Target Delivery of TRAIL as Gene Therapy for Glioblastoma. Advanced Healthcare Materials, 2015, 4, 2719-2726.	7.6	69
8	Nanoparticle mediated silencing of DNA repair sensitizes pediatric brain tumor cells to Î³â€irradiation. Molecular Oncology, 2015, 9, 1071-1080.	4.6	57
9	O6-methylguanine-DNA methyltransferase activity is associated with response to alkylating agent therapy and with MGMT promoter methylation in glioblastoma and anaplastic glioma. BBA Clinical, 2015, 3, 1-10.	4.1	16
10	Proliferation and enrichment of CD133+ glioblastoma cancer stem cells on 3D chitosan-alginate scaffolds. Biomaterials, 2014, 35, 9137-9143.	11.4	105
11	Repair of 3-methyladenine and abasic sites by base excision repair mediates glioblastoma resistance to temozolomide. Frontiers in Oncology, 2012, 2, 176.	2.8	43
12	O6-Methylguanine-DNA methyltransferase in glioma therapy: Promise and problems. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1826, 71-82.	7.4	71
13	The Werner syndrome protein confers resistance to the DNA lesions N3-methyladenine and O6-methylguanine: implications for WRN function. DNA Repair, 2004, 3, 629-638.	2.8	44
14	The apurinic/apyrimidinic endonuclease activity of Ape1/Ref-1 contributes to human glioma cell resistance to alkylating agents and is elevated by oxidative stress. Clinical Cancer Research, 2002, 8, 3008-18.	7.0	111
15	Lipid association increases the potency against primary medulloblastoma cells and systemic exposure of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) in rats. Pharmaceutical Research, 1999, 16, 896-903.	3.5	6
16	Contribution ofO6-methylguanine-DNA methyltransferase to monofunctional alkylating-agent resistance in human brain tumorâ€"derived cell lines. Molecular Carcinogenesis, 1995, 13, 70-80.	2.7	35
17	Contribution ofO6-methylguanine-DNA methyltransferase to resistance to 1,3-(2-chloroethyl)-1-nitrosourea in human brain tumor-derived cell lines. Molecular Carcinogenesis, 1995, 13, 81-88.	2.7	43