

Wang weilian

List of Publications by Year in descending order

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30
papers

1,484
citations

393982

19
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron delivery agents for neutron capture therapy of cancer. <i>Cancer Communications</i> , 2018, 38, 1-15.	3.7	266
2	Site-Specific Conjugation of Boron-Containing Dendrimers to Anti-EGF Receptor Monoclonal Antibody Cetuximab (IMC-C225) and Its Evaluation as a Potential Delivery Agent for Neutron Capture Therapy. <i>Bioconjugate Chemistry</i> , 2004, 15, 185-194.	1.8	176
3	Molecular Targeting and Treatment of Composite EGFR and EGFRvIII-Positive Gliomas Using Boronated Monoclonal Antibodies. <i>Clinical Cancer Research</i> , 2008, 14, 883-891.	3.2	101
4	Molecular Targeting and Treatment of EGFRvIII-Positive Gliomas Using Boronated Monoclonal Antibody L8A4. <i>Clinical Cancer Research</i> , 2006, 12, 3792-3802.	3.2	93
5	Convection-enhanced delivery of boronated epidermal growth factor for molecular targeting of EGF receptor-positive gliomas. <i>Cancer Research</i> , 2002, 62, 6552-8.	0.4	78
6	Boron-Containing Nucleosides as Potential Delivery Agents for Neutron Capture Therapy of Brain Tumors. <i>Cancer Research</i> , 2004, 64, 6287-6295.	0.4	75
7	Thymidine kinase 1 as a molecular target for boron neutron capture therapy of brain tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17493-17497.	3.3	63
8	Enhanced Delivery of Boronophenylalanine for Neutron Capture Therapy by Means of Intracarotid Injection and Blood-Brain Barrier Disruption. <i>Neurosurgery</i> , 1996, 38, 985-992.	0.6	62
9	Boronated epidermal growth factor as a delivery agent for neutron capture therapy of EGF receptor positive gliomas. <i>Applied Radiation and Isotopes</i> , 2004, 61, 981-985.	0.7	55
10	Preparation, Biodistribution and Neurotoxicity of Liposomal Cisplatin following Convection Enhanced Delivery in Normal and F98 Glioma Bearing Rats. <i>PLoS ONE</i> , 2012, 7, e48752.	1.1	53
11	Convection enhanced delivery of boronated EGF as a molecular targeting agent for neutron capture therapy of brain tumors. <i>Journal of Neuro-Oncology</i> , 2009, 95, 355-365.	1.4	52
12	Boron Neutron Capture Therapy of Brain Tumors: Biodistribution, Pharmacokinetics, and Radiation Dosimetry of Sodium Borocaptate in Patients with Gliomas. <i>Neurosurgery</i> , 2000, 47, 608-622.	0.6	49
13	Development of a syngeneic rat brain tumor model expressing EGFRvIII and its use for molecular targeting studies with monoclonal antibody L8A4. <i>Clinical Cancer Research</i> , 2005, 11, 341-50.	3.2	43
14	Convection enhanced delivery of carboplatin in combination with radiotherapy for the treatment of brain tumors. <i>Journal of Neuro-Oncology</i> , 2011, 101, 379-390.	1.4	41
15	Enhanced survival of glioma bearing rats following boron neutron capture therapy with blood-brain barrier disruption and intracarotid injection of boronophenylalanine. <i>Journal of Neuro-Oncology</i> , 1997, 33, 59-70.	1.4	36
16	Convection enhanced delivery of carboranylporphyrins for neutron capture therapy of brain tumors. <i>Journal of Neuro-Oncology</i> , 2011, 103, 175-185.	1.4	32
17	Synthesis and evaluation of thymidine kinase 1-targeting carboranyl pyrimidine nucleoside analogs for boron neutron capture therapy of cancer. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 197-209.	2.6	30
18	Radiation therapy combined with intracerebral administration of carboplatin for the treatment of brain tumors. <i>Radiation Oncology</i> , 2014, 9, 25.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Evaluation of unnatural cyclic amino acids as boron delivery agents for treatment of melanomas and gliomas. <i>Applied Radiation and Isotopes</i> , 2014, 88, 38-42.	0.7	21
20	Evaluation of systemically administered radiolabeled epidermal growth factor as a brain tumor targeting agent. <i>Journal of Neuro-Oncology</i> , 2001, 55, 19-28.	1.4	20
21	Improved Survival after Boron Neutron Capture Therapy of Brain Tumors by Cereport-mediated Blood-Brain Barrier Modulation to Enhance Delivery of Boronophenylalanine. <i>Neurosurgery</i> , 2000, 47, 189-198.	0.6	17
22	Design, synthesis, and evaluation of cisplatin-containing EGFR targeting bioconjugates as potential therapeutic agents for brain tumors. <i>OncoTargets and Therapy</i> , 2016, 9, 2769.	1.0	16
23	Boron neutron capture therapy of brain tumors: functional and neuropathologic effects of blood-brain barrier disruption and intracarotid injection of sodium borocaptate and boronophenylalanine. <i>Journal of Neuro-Oncology</i> , 2000, 48, 179-190.	1.4	15
24	Evaluation of TK1 targeting carboranyl thymidine analogs as potential delivery agents for neutron capture therapy of brain tumors. <i>Applied Radiation and Isotopes</i> , 2015, 106, 251-255.	0.7	12
25	Radiation therapy combined with intracerebral convection-enhanced delivery of cisplatin or carboplatin for treatment of the F98 rat glioma. <i>Journal of Neuro-Oncology</i> , 2020, 149, 193-208.	1.4	12
26	Effects of L-DOPA pre-loading on the uptake of boronophenylalanine using the F98 glioma and B16 melanoma models. <i>Applied Radiation and Isotopes</i> , 2014, 88, 69-73.	0.7	11
27	Tumoricidal activity of low-energy 160-KV versus 6-MV X-rays against platinum-sensitized F98 glioma cells. <i>Journal of Radiation Research</i> , 2015, 56, 77-89.	0.8	11
28	Comparison of intracerebral delivery of carboplatin and photon irradiation with an optimized regimen for boron neutron capture therapy of the F98 rat glioma. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1813-1816.	0.7	9
29	Title is missing!. <i>Journal of Neuro-Oncology</i> , 2003, 62, 61-74.	1.4	7
30	Title is missing!. <i>Journal of Neuro-Oncology</i> , 2003, 62, 157-169.	1.4	2