

Babak Kateb

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

756
citations

840776

11
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoplatforms for constructing new approaches to cancer treatment, imaging, and drug delivery: What should be the policy?. <i>NeuroImage</i> , 2011, 54, S106-S124.	4.2	146
2	Internalization of MWCNTs by microglia: Possible application in immunotherapy of brain tumors. <i>NeuroImage</i> , 2007, 37, S9-S17.	4.2	142
3	Infrared thermal imaging: A review of the literature and case report. <i>NeuroImage</i> , 2009, 47, T154-T162.	4.2	116
4	Selective uptake of multi-walled carbon nanotubes by tumor macrophages in a murine glioma model. <i>Journal of Neuroimmunology</i> , 2009, 208, 3-9.	2.3	85
5	Sniffing out cancer using the JPL electronic nose: A pilot study of a novel approach to detection and differentiation of brain cancer. <i>NeuroImage</i> , 2009, 47, T5-T9.	4.2	56
6	Investigation of ac-magnetic field stimulated nanoelectroporation of magneto-electric nano-drug-carrier inside CNS cells. <i>Scientific Reports</i> , 2017, 7, 45663.	3.3	51
7	Multi-walled Carbon Nanotube (MWCNT) Synthesis, Preparation, Labeling, and Functionalization. <i>Methods in Molecular Biology</i> , 2010, 651, 307-317.	0.9	33
8	Review of the potential of optical technologies for cancer diagnosis in neurosurgery: a step toward intraoperative neurophotonics. <i>Neurophotonics</i> , 2016, 4, 011010.	3.3	30
9	Novel method for visualizing and modeling the spatial distribution of neural stem cells within intracranial glioma. <i>NeuroImage</i> , 2007, 37, S18-S26.	4.2	28
10	Reactive Oxygen Species-Activated Nanoprodrug of Ibuprofen for Targeting Traumatic Brain Injury in Mice. <i>PLoS ONE</i> , 2013, 8, e61819.	2.5	26
11	One-spot fabrication and in-vivo toxicity evaluation of core-shell magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2021, 122, 111898.	7.3	17
12	Functional MRI using robotic MRI compatible devices for monitoring rehabilitation from chronic stroke in the molecular medicine era (Review). <i>International Journal of Molecular Medicine</i> , 2012, 29, 963-73.	4.0	11
13	A chronically implantable, hybrid cannulaâ€™electrode device for assessing the effects of molecules on electrophysiological signals in freely behaving animals. <i>Journal of Neuroscience Methods</i> , 2007, 163, 321-325.	2.5	7
14	<title>Thermal imaging of brain tumors in a rat glioma model</title>. , 2002, 4615, 32.		3
15	Editorial on brain tumor patients, their health insurance and personal bankruptcy. <i>NeuroImage</i> , 2011, 54, S103-S105.	4.2	2
16	From Nanotechnology to Nanoneuroscience/Nanoneurosurgery and Nanobioelectronics. , 2013, , 1-28.		1
17	Future Prospects and Vision. , 2017, , 231-234.		1
18	Transcranial Dynamic Fluorescence Imaging for the Study of the Epileptic Seizures. <i>Brain Informatics and Health</i> , 2020, , 49-66.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Nanoneuroscience and Nanoneurosurgery. , 2013, , 547-556.		0
20	Special Section Guest Editorial: Brain Mapping and Therapeutics. Neurophotonics, 2017, 4, 011001.	3.3	0