

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 | 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 |
| 2 | Transcranial Dynamic Fluorescence Imaging for the Study of the Epileptic Seizures. <i>Brain Informatics and Health</i> , 2020, , 49-66. | 0.4 | 1 |
| 3 | Special Section Guest Editorial: Brain Mapping and Therapeutics. <i>Neurophotonics</i> , 2017, 4, 011001. | 3.3 | 0 |
| 4 | 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 |
| 5 | Future Prospects and Vision. , 2017, , 231-234. | | 1 |
| 6 | 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 |
| 7 | From Nanotechnology to Nanoneuroscience/Nanoneurosurgery and Nanobioelectronics. , 2013, , 1-28. | | 1 |
| 8 | Nanoneuroscience and Nanoneurosurgery. , 2013, , 547-556. | | 0 |
| 9 | Reactive Oxygen Species-Activated Nanoprodrug of Ibuprofen for Targeting Traumatic Brain Injury in Mice. <i>PLoS ONE</i> , 2013, 8, e61819. | 2.5 | 26 |
| 10 | 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 |
| 11 | 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 |
| 12 | Editorial on brain tumor patients, their health insurance and personal bankruptcy. <i>NeuroImage</i> , 2011, 54, S103-S105. | 4.2 | 2 |
| 13 | Multi-walled Carbon Nanotube (MWCNT) Synthesis, Preparation, Labeling, and Functionalization. <i>Methods in Molecular Biology</i> , 2010, 651, 307-317. | 0.9 | 33 |
| 14 | 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 |
| 15 | Infrared thermal imaging: A review of the literature and case report. <i>NeuroImage</i> , 2009, 47, T154-T162. | 4.2 | 116 |
| 16 | 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 |
| 17 | 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 |
| 18 | Internalization of MWCNTs by microglia: Possible application in immunotherapy of brain tumors. <i>NeuroImage</i> , 2007, 37, S9-S17. | 4.2 | 142 |

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|----|--|-----|-----------|
| 19 | A chronically implantable, hybrid cannulaâ€”electrode device for assessing the effects of molecules on electrophysiological signals in freely behaving animals. Journal of Neuroscience Methods, 2007, 163, 321-325. | 2.5 | 7 |
| 20 | <title>Thermal imaging of brain tumors in a rat glioma model</title>. , 2002, 4615, 32. | | 3 |