

Jung Sun Yoo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,194
citations

17
h-index

33
g-index

33
ext. papers

1,310
ext. citations

3.5
avg, IF

3.94
L-index

#	Paper	IF	Citations
33	Real-time intraoperative fluorescence imaging system using light-absorption correction. <i>Journal of Biomedical Optics</i> , 2009 , 14, 064012	3.5	130
32	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. <i>Chemical Communications</i> , 2015 , 51, 8044-7	5.8	110
31	Feulgen reaction study of novel threadlike structures (Bonghan ducts) on the surfaces of mammalian organs. <i>The Anatomical Record Part B: the New Anatomist</i> , 2005 , 284, 35-40		104
30	Electron microscopic study of novel threadlike structures on the surfaces of mammalian organs. <i>Microscopy Research and Technique</i> , 2007 , 70, 34-43	2.8	88
29	Measurement of flow speed in the channels of novel threadlike structures on the surfaces of mammalian organs. <i>Die Naturwissenschaften</i> , 2008 , 95, 117-24	2	85
28	Novel threadlike structures (Bonghan ducts) inside lymphatic vessels of rabbits visualized with a Janus Green B staining method. <i>The Anatomical Record Part B: the New Anatomist</i> , 2005 , 286, 1-7		82
27	Use of magnetic nanoparticles to visualize threadlike structures inside lymphatic vessels of rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2007 , 4, 77-82	2.3	79
26	Multispectral imaging using multiple-bandpass filters. <i>Optics Letters</i> , 2008 , 33, 1023-5	3	72
25	Characterization of the primo-vascular system in the abdominal cavity of lung cancer mouse model and its differences from the lymphatic system. <i>PLoS ONE</i> , 2010 , 5, e9940	3.7	62
24	Current concepts and future perspectives on surgical optical imaging in cancer. <i>Journal of Biomedical Optics</i> , 2010 , 15, 066024	3.5	56
23	Evidence for an additional metastatic route: in vivo imaging of cancer cells in the primo-vascular system around tumors and organs. <i>Molecular Imaging and Biology</i> , 2011 , 13, 471-480	3.8	53
22	Bonghan ducts as possible pathways for cancer metastasis. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2009 , 2, 118-23	1.2	41
21	SPECT/CT Imaging of High-Risk Atherosclerotic Plaques using Integrin-Binding RGD Dimer Peptides. <i>Scientific Reports</i> , 2015 , 5, 11752	4.9	30
20	In vivo fluorescence imaging of threadlike tissues (Bonghan ducts) inside lymphatic vessels with nanoparticles. <i>Current Applied Physics</i> , 2007 , 7, 342-348	2.6	29
19	In vivo visualization of bonghan ducts inside blood vessels of mice by using an Alcian blue staining method. <i>Indian Journal of Experimental Biology</i> , 2008 , 46, 336-9		29
18	Facile scalable synthesis of highly monodisperse small silica nanoparticles using alkaline buffer solution and their application for efficient sentinel lymph node mapping. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 586-594	7.3	22
17	In vivo delineation of glioblastoma by targeting tumor-associated macrophages with near-infrared fluorescent silica coated iron oxide nanoparticles in orthotopic xenografts for surgical guidance. <i>Scientific Reports</i> , 2018 , 8, 11122	4.9	22

16	In vivo magnetic resonance and fluorescence dual imaging of tumor sites by using dye-doped silica-coated iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	16
15	A macrophage-specific fluorescent probe for intraoperative lymph node staging. <i>Cancer Research</i> , 2014 , 74, 44-55	10.1	16
14	In vivo imaging of cancer cells with electroporation of quantum dots and multispectral imaging. <i>Journal of Applied Physics</i> , 2010 , 107, 124702	2.5	16
13	TSPO-targeted NIR-fluorescent ultra-small iron oxide nanoparticles for glioblastoma imaging. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 139, 105047	5.1	10
12	In vivo detection of macrophage recruitment in hind-limb ischemia using a targeted near-infrared fluorophore. <i>PLoS ONE</i> , 2014 , 9, e103721	3.7	9
11	Putative primo-vascular system in mesentery of rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2010 , 3, 232-40	1.2	9
10	Identification of Angiogenesis Rich-Viable Myocardium using RGD Dimer based SPECT after Myocardial Infarction. <i>Scientific Reports</i> , 2016 , 6, 27520	4.9	8
9	Primo vascular system accompanying a blood vessel from tumor tissue and a method to distinguish it from the blood or the lymph system. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 949245	2.3	6
8	Immunotherapy for Glioblastoma: Current State, Challenges, and Future Perspectives. <i>Cancers</i> , 2020 , 12,	6.6	4
7	Immunohistochemical and Electron Microscopic Study of the Meridian-like System on the Surface of Internal Organs of Rats. <i>Acupuncture and Electro-Therapeutics Research</i> , 2007 , 32, 195-210	0.2	2
6	Immunohistochemical and electron microscopic study of the meridian-like system on the surface of internal organs of rats. <i>Acupuncture and Electro-Therapeutics Research</i> , 2007 , 32, 195-210	0.2	2
5	Nanoparticles for tracing acupuncture meridians and Bonghan ducts 2007 , 3584-3586		1
4	Identification of Primo Vascular System in Murine Tumors and Viscera 2012 , 179-183		1
3	Hidden corpuscular structures floating inside blood vessels of mammals 2007 , 3598-3601		
2	Alcian blue staining method for visualizing Bonghan ducts inside blood vessels of mice 2007 , 3626-3629		
1	Molecular Compositional Differences of the Primo and the Lymphatic Vascular Systems in Murine Melanoma Models 2012 , 185-191		