

Ildikó Horváth

List of Publications by Year in descending order

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28
papers

647
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiolabeling of Extracellular Vesicles with ^{99m} Tc for Quantitative <i>In Vivo</i> Imaging Studies. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2016, 31, 168-173.	1.0	86
2	Aluminium hydroxide stabilised MnFe ₂ O ₄ and Fe ₃ O ₄ nanoparticles as dual-modality contrasts agent for MRI and PET imaging. <i>Biomaterials</i> , 2014, 35, 5840-5846.	11.4	81
3	Preclinical Imaging: an Essential Ally in Modern Biosciences. <i>Molecular Diagnosis and Therapy</i> , 2014, 18, 153-173.	3.8	81
4	Synthesis, Characterization, and Application of Core-Shell Co _{0.16} Fe _{2.84} O ₄ @NaYF ₄ (Yb, Er) and Fe ₃ O ₄ @NaYF ₄ (Yb, Tm) Nanoparticle as Trimodal (MRI, PET/SPECT,) Tj ETQq000 rgBT7 Overlock	3.6	59
5	Urinary Leukotriene E ₄ and Prostaglandin D ₂ Metabolites Increase in Adult and Childhood Severe Asthma Characterized by Type 2 Inflammation. <i>A Clinical Observational Study. American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 37-53.	5.6	49
6	Preformulation studies and optimization of sodium alginate based floating drug delivery system for eradication of <i>Helicobacter pylori</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 196-206.	4.3	42
7	A Novel SPECT-Based Approach Reveals Early Mechanisms of Central and Peripheral Inflammation after Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1921-1929.	4.3	29
8	Direct immobilization of manganese chelates on silica nanospheres for MRI applications. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 298-305.	9.4	24
9	Evaluation of Brain Nuclear Medicine Imaging Tracers in a Murine Model of Sepsis-Associated Encephalopathy. <i>Molecular Imaging and Biology</i> , 2018, 20, 952-962.	2.6	23
10	Production and in vivo imaging of ²⁰³ Pb as a surrogate isotope for in vivo ²¹² Pb internal absorbed dose studies. <i>Applied Radiation and Isotopes</i> , 2016, 114, 1-6.	1.5	21
11	Radiolabeling and Quantitative In Vivo SPECT/CT Imaging Study of Liposomes Using the Novel Iminothiolane- ^{99m} Tc-Tricarbonyl Complex. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-8.	0.8	16
12	Radiomics-based differentiation of lung disease models generated by polluted air based on X-ray computed tomography data. <i>BMC Medical Imaging</i> , 2016, 16, 14.	2.7	15
13	In vivo localization of chronically implanted electrodes and optic fibers in mice. <i>Nature Communications</i> , 2020, 11, 4686.	12.8	15
14	Thallium Labeled Citrate-Coated Prussian Blue Nanoparticles as Potential Imaging Agent. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	14
15	Demonstration of Metabolic and Cellular Effects of Portal Vein Ligation Using Multi-Modal PET/MRI Measurements in Healthy Rat Liver. <i>PLoS ONE</i> , 2014, 9, e90760.	2.5	11
16	Modulated Electro-Hyperthermia Facilitates NK-Cell Infiltration and Growth Arrest of Human A2058 Melanoma in a Xenograft Model. <i>Frontiers in Oncology</i> , 2021, 11, 590764.	2.8	10
17	Development and In Vivo Application of a Water-Soluble Anticancer Copper Ionophore System Using a Temperature-Sensitive Liposome Formulation. <i>Pharmaceutics</i> , 2020, 12, 466.	4.5	10
18	Quantitative Liver Lesion Volume Determination by Nanoparticle-Based SPECT. <i>Molecular Imaging and Biology</i> , 2014, 16, 167-172.	2.6	8

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19	Suppression of Metastatic Melanoma Growth in Lung by Modulated Electro-Hyperthermia Monitored by a Minimally Invasive Heat Stress Testing Approach in Mice. <i>Cancers</i> , 2020, 12, 3872.	3.7	8
20	Novel radiomics evaluation of bone formation utilizing multimodal (SPECT/X-ray CT) in vivo imaging. <i>PLoS ONE</i> , 2018, 13, e0204423.	2.5	7
21	Radiomic detection of microscopic tumorous lesions in small animal liver SPECT imaging. <i>EJNMMI Research</i> , 2019, 9, 67.	2.5	7
22	An Implantable Magneto-Responsive Poly(aspartamide) Based Electrospun Scaffold for Hyperthermia Treatment. <i>Nanomaterials</i> , 2022, 12, 1476.	4.1	7
23	Functional shift with maintained regenerative potential following portal vein ligation. <i>Scientific Reports</i> , 2017, 7, 18065.	3.3	6
24	Fluorescent, Prussian Blue-Based Biocompatible Nanoparticle System for Multimodal Imaging Contrast. <i>Nanomaterials</i> , 2020, 10, 1732.	4.1	6
25	Multimodal PET/MRI Imaging Results Enable Monitoring the Side Effects of Radiation Therapy. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.8	5
26	Age-Related Inflammatory Balance Shift, Nasal Barrier Function, and Cerebro-Morphological Status in Healthy and Diseased Rodents. <i>Frontiers in Neuroscience</i> , 2021, 15, 700729.	2.8	4
27	In vivo SPECT and ex vivo autoradiographic brain imaging of the novel selective CB1 receptor antagonist radioligand [¹²⁵ I]SD7015 in CB1 knock-out and wildtype mouse. <i>Brain Research Bulletin</i> , 2013, 91, 46-51.	3.0	2
28	Intraperitoneal Glucose Transport to Micrometastasis: A Multimodal In Vivo Imaging Investigation in a Mouse Lymphoma Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4431.	4.1	1