

Do Won Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,141
citations

567281

15
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	A Nucleolin-Targeted Multimodal Nanoparticle Imaging Probe for Tracking Cancer Cells Using an Aptamer. <i>Journal of Nuclear Medicine</i> , 2010, 51, 98-105.	5.0	275
2	A brain-targeted rabies virus glycoprotein-disulfide linked PEI nanocarrier for delivery of neurogenic microRNA. <i>Biomaterials</i> , 2011, 32, 4968-4975.	11.4	227
3	Noninvasive imaging of radiolabeled exosome-mimetic nanovesicle using ^{99m} Tc-HMPAO. <i>Scientific Reports</i> , 2015, 5, 15636.	3.3	186
4	A reporter gene imaging system for monitoring microRNA biogenesis. <i>Nature Protocols</i> , 2009, 4, 1663-1669.	12.0	51
5	Convective exosome-tracing microfluidics for analysis of cell-non-autonomous neurogenesis. <i>Biomaterials</i> , 2017, 112, 82-94.	11.4	39
6	Noninvasive in vivo monitoring of neuronal differentiation using reporter driven by a neuronal promoter. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 135-145.	6.4	38
7	Graphene-oxide quenching-based molecular beacon imaging of exosome-mediated transfer of neurogenic miR-193a on microfluidic platform. <i>Biosensors and Bioelectronics</i> , 2019, 126, 647-656.	10.1	35
8	Rapid Hepatobiliary Excretion of Micelle-Encapsulated/Radiolabeled Upconverting Nanoparticles as an Integrated Form. <i>Scientific Reports</i> , 2015, 5, 15685.	3.3	34
9	Real-time in vivo monitoring of viable stem cells implanted on biocompatible scaffolds. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1887-1898.	6.4	33
10	Human neural stem cell-derived extracellular vesicles protect against Parkinson's disease pathologies. <i>Journal of Nanobiotechnology</i> , 2022, 20, 198.	9.1	29
11	Hippocampal glucose uptake as a surrogate of metabolic change of microglia in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2021, 18, 190.	7.2	28
12	Neural stem cell delivery using brain-derived tissue-specific bioink for recovering from traumatic brain injury. <i>Biofabrication</i> , 2021, 13, 044110.	7.1	24
13	In vivo Monitoring of microRNA Biogenesis Using Reporter Gene Imaging. <i>Theranostics</i> , 2013, 3, 1004-1011.	10.0	22
14	In vivo bioluminescence reporter gene imaging for the activation of neuronal differentiation induced by the neuronal activator neurogenin 1 (Ngn1) in neuronal precursor cells. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1607-1617.	6.4	20
15	Repositioning disulfiram as a radiosensitizer against atypical teratoid/rhabdoid tumor. <i>Neuro-Oncology</i> , 2017, 19, 1079-1087.	1.2	19
16	Graphene oxide-quenching-based fluorescence in situ hybridization (G-FISH) to detect RNA in tissue: Simple and fast tissue RNA diagnostics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 162-172.	3.3	16
17	Development of a Dual Membrane Protein Reporter System Using Sodium Iodide Symporter and Mutant Dopamine D2 Receptor Transgenes. <i>Journal of Nuclear Medicine</i> , 2007, 48, 588-595.	5.0	14
18	In vivo visualization and monitoring of viable neural stem cells using noninvasive bioluminescence imaging in the 6-hydroxydopamine-induced mouse model of Parkinson disease. <i>Molecular Imaging</i> , 2013, 12, 224-34.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Optical Imaging for Stem Cell Differentiation to Neuronal Lineage. Nuclear Medicine and Molecular Imaging, 2012, 46, 1-9.	1.0	7
20	Active Accumulation of Spherical Analytes on Plasmonic Hot Spots of Double-Bent Au Strip Arrays by Multiple Dip-Coating. Nanomaterials, 2019, 9, 660.	4.1	7
21	Radio-graphene in Theranostic Perspectives. Nuclear Medicine and Molecular Imaging, 2017, 51, 17-21.	1.0	6
22	Neuron-Specific Fluorescence Reporter-Based Live Cell Tracing for Transdifferentiation of Mesenchymal Stem Cells into Neurons by Chemical Compound. Stem Cells International, 2017, 2017, 1-10.	2.5	6
23	Extracellular Vesicles Induce an Aggressive Phenotype in Luminal Breast Cancer Cells Via PKM2 Phosphorylation. Frontiers in Oncology, 2021, 11, 785450.	2.8	6
24	Perspective in Nuclear Theranostics Using Exosome for the Brain. Nuclear Medicine and Molecular Imaging, 2019, 53, 108-114.	1.0	5
25	In vivo bioluminescence imaging for viable human neural stem cells incorporated within in situ gelatin hydrogels. EJNMMI Research, 2014, 4, 61.	2.5	3
26	Physiologic constraints of using exosomes in vivo as systemic delivery vehicles. Precision Nanomedicine, 2019, 2, 344-369.	0.8	2
27	[P4 ^{18F}]: CHANGES OF BRAIN CONNECTIVITY BASED ON METABOLIC PET IMAGING WITH AGING OF AN ALZHEIMER'S MOUSE MODEL. Alzheimer's and Dementia, 2017, 13, P1522.	0.8	0
28	Graphene-Based Nanomaterials. Biological and Medical Physics Series, 2018, , 79-103.	0.4	0