

G-One Ahn

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,952
citations

430874

18
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

3534
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Metalloproteinase-9 Is Required for Tumor Vasculogenesis but Not for Angiogenesis: Role of Bone Marrow-Derived Myelomonocytic Cells. <i>Cancer Cell</i> , 2008, 13, 193-205.	16.8	408
2	Ablative Tumor Radiation Can Change the Tumor Immune Cell Microenvironment to Induce Durable Complete Remissions. <i>Clinical Cancer Research</i> , 2015, 21, 3727-3739.	7.0	373
3	Inhibition of Mac-1 (CD11b/CD18) enhances tumor response to radiation by reducing myeloid cell recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8363-8368.	7.1	309
4	Tumor-Associated Macrophages Enhance Tumor Hypoxia and Aerobic Glycolysis. <i>Cancer Research</i> , 2019, 79, 795-806.	0.9	188
5	Role of endothelial progenitors and other bone marrow-derived cells in the development of the tumor vasculature. <i>Angiogenesis</i> , 2009, 12, 159-164.	7.2	104
6	Transcriptional activation of hypoxia-inducible factor-1 (HIF-1) in myeloid cells promotes angiogenesis through VEGF and S100A8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2698-2703.	7.1	90
7	Microneedle Biosensor for Real-time Electrical Detection of Nitric Oxide for In Situ Cancer Diagnosis During Endomicroscopy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1153-1158.	7.6	63
8	Targeting tumors with hypoxia-activated cytotoxins. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3483.	3.0	54
9	Tumor hypoxia and reoxygenation: the yin and yang for radiotherapy. <i>Radiation Oncology Journal</i> , 2016, 34, 239-249.	1.5	45
10	Hypoxia-inducible factor-1 β regulates microglial functions affecting neuronal survival in the acute phase of ischemic stroke in mice. <i>Oncotarget</i> , 2017, 8, 111508-111521.	1.8	43
11	Effects of Ultra-high dose rate FLASH Irradiation on the Tumor Microenvironment in Lewis Lung Carcinoma: Role of Myosin Light Chain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1440-1453.	0.8	42
12	Radiation-induced immune responses: mechanisms and therapeutic perspectives. <i>Blood Research</i> , 2016, 51, 157.	1.3	41
13	Real-time Tumor Oxygenation Changes After Single High-dose Radiation Therapy in Orthotopic and Subcutaneous Lung Cancer in Mice: Clinical Implication for Stereotactic Ablative Radiation Therapy Schedule Optimization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1022-1031.	0.8	31
14	Hypoxia-inducible factor-1 (HIF-1) activation in myeloid cells accelerates DSS-induced colitis progression in mice. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	28
15	Multiplexed In Vivo Imaging Using Size-Controlled Quantum Dots in the Second Near-Infrared Window. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800695.	7.6	23
16	Targeted Degradation of Transcription Coactivator SRC-1 through the Nucleosome Degron Pathway. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17548-17555.	13.8	22
17	In vivo visualization of skin inflammation by optical coherence tomography and two-photon microscopy. <i>Biomedical Optics Express</i> , 2015, 6, 2512.	2.9	21
18	Moxifloxacin: Clinically compatible contrast agent for multiphoton imaging. <i>Scientific Reports</i> , 2016, 6, 27142.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Computational Modeling and Clonogenic Assay for Radioenhancement of Gold Nanoparticles Using 3D Live Cell Images. <i>Radiation Research</i> , 2018, 190, 558.	1.5	15
20	Radiation-Induced Esophagitis In Vivo and In Vitro Reveals That Epidermal Growth Factor Is a Potential Candidate for Therapeutic Intervention Strategy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1032-1041.	0.8	12
21	In vivo imaging of activated microglia in a mouse model of focal cerebral ischemia by two-photon microscopy. <i>Biomedical Optics Express</i> , 2015, 6, 3303.	2.9	11
22	Cancer Detection: Microneedle Biosensor for Real-Time Electrical Detection of Nitric Oxide for In Situ Cancer Diagnosis During Endomicroscopy (<i>Adv. Healthcare Mater.</i> 8/2015). <i>Advanced Healthcare Materials</i> , 2015, 4, 1152-1152.	7.6	5
23	Targeted Degradation of Transcription Coactivator SRC-1 through the Ubiquitin-Proteasome Pathway. <i>Angewandte Chemie</i> , 2020, 132, 17701-17708.	2.0	2
24	Vasculature-disrupting Strategies Combined with Bacterial Spores Targeting Hypoxic Regions of Solid Tumors. , 2006, , 261-276.		1