

Howard H Chen

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

864
citations

623734

14
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Extracellular RNA and TLR3-MyD88 Signaling in Myocardial Ischemia-Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2014, 3, e000683.	3.7	128
2	Myocardial Ischemia Activates an Injurious Innate Immune Signaling via Cardiac Heat Shock Protein 60 and Toll-like Receptor 4. <i>Journal of Biological Chemistry</i> , 2011, 286, 31308-31319.	3.4	123
3	Molecular Magnetic Resonance Imaging of Pulmonary Fibrosis in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 1120-1126.	2.9	89
4	Fiber architecture in remodeled myocardium revealed with a quantitative diffusion CMR tractography framework and histological validation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 70.	3.3	71
5	Microstructural Impact of Ischemia and Bone Marrow-Derived Cell Therapy Revealed With Diffusion Tensor Magnetic Resonance Imaging Tractography of the Heart In Vivo. <i>Circulation</i> , 2014, 129, 1731-1741.	1.6	65
6	Molecular MRI of Acute Necrosis With a Novel DNA-Binding Gadolinium Chelate. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 729-737.	2.6	54
7	Fluorescent and radiolabeled triphenylphosphonium probes for imaging mitochondria. <i>Chemical Communications</i> , 2013, 49, 10361-10363.	4.1	54
8	Molecular Magnetic Resonance Imaging of Lung Fibrogenesis with an Oxyamine-Based Probe. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9825-9828.	13.8	41
9	Fluorescence Tomography of Rapamycin-Induced Autophagy and Cardioprotection In Vivo. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 441-447.	2.6	36
10	Highly potent visnagin derivatives inhibit Cyp1 and prevent doxorubicin cardiotoxicity. <i>JCI Insight</i> , 2018, 3, .	5.0	31
11	Heat-Induced Radiolabeling of Nanoparticles for Monocyte Tracking by PET. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13002-13006.	13.8	29
12	Imaging of apoptosis in the heart with nanoparticle technology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2011, 3, 86-99.	6.1	25
13	Theranostic Nucleic Acid Binding Nanoprobe Exerts Anti-inflammatory and Cytoprotective Effects in Ischemic Injury. <i>Theranostics</i> , 2017, 7, 814-825.	10.0	21
14	Pro-Senescence and Anti-Senescence Mechanisms of Cardiovascular Aging: Cardiac MicroRNA Regulation of Longevity Drug-Induced Autophagy. <i>Frontiers in Pharmacology</i> , 2020, 11, 774.	3.5	18
15	Imaging Lymphoid Cell Death In Vivo During Polymicrobial Sepsis*. <i>Critical Care Medicine</i> , 2015, 43, 2303-2312.	0.9	14
16	Functional and anatomical characterization of brown adipose tissue in heart failure with blood oxygen level dependent magnetic resonance. <i>NMR in Biomedicine</i> , 2016, 29, 978-984.	2.8	12
17	Theranostic Imaging of the Kinases and Proteases that Modulate Cell Death and Survival. <i>Theranostics</i> , 2012, 2, 148-155.	10.0	9
18	Protective effect of the apoptosis-sensing nanoparticle AnxCLIO-Cy5.5. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 291-298.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Direct coupling of annexin A5 to VSOP yields small, protein-covered nanoprobe for MR imaging of apoptosis. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 291-299.	0.8	8
20	Molecular Magnetic Resonance Imaging of Lung Fibrogenesis with an Oxyamine-Based Probe. <i>Angewandte Chemie</i> , 2017, 129, 9957-9960.	2.0	7
21	Lysyl oxidase regulation and protein aldehydes in the injured newborn lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L204-L223.	2.9	6
22	Multiplexed Optical Imaging of Energy Substrates Reveals That Left Ventricular Hypertrophy Is Associated With Brown Adipose Tissue Activation. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007007.	2.6	5
23	Cytoprotective nanoparticles by conjugation of a polyhis tagged annexin V to a nanoparticle drug. <i>Nanoscale</i> , 2015, 7, 2255-2259.	5.6	4
24	A novel tracer for in vivo optical imaging of fatty acid metabolism in the heart and brown adipose tissue. <i>Scientific Reports</i> , 2020, 10, 11209.	3.3	2
25	Transdermal Delivery of High Molecular Weight Antibiotics to Deep Tissue Infections via Droplet Micromist Technology Device (DMTD). <i>Pharmaceutics</i> , 2022, 14, 976.	4.5	1
26	Effect of Single-walled Carbon Nanotubes Entry into Mammalian Cells. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1468, 1.	0.1	0