

# Christina H Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,408  
citations

430442

18  
h-index

329751

37  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in the development of nanoparticle-based imaging agents: Characterization and biology. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1665.	3.3	23
2	Nanotechnology for Cancer Imaging: Advances, Challenges, and Clinical Opportunities. Radiology Imaging Cancer, 2021, 3, e200052.	0.7	10
3	Metabolic Regulation of Inflammation and Its Resolution: Current Status, Clinical Needs, Challenges, and Opportunities. Journal of Immunology, 2021, 207, 2625-2630.	0.4	2
4	Nanomaterials innovation as an enabler for effective cancer interventions. Biomaterials, 2020, 242, 119926.	5.7	33
5	Imaging inflammation and its resolution in health and disease: current status, clinical needs, challenges, and opportunities. FASEB Journal, 2019, 33, 13085-13097.	0.2	13
6	NCI Alliance for Nanotechnology in Cancer – from academic research to clinical interventions. Biomedical Microdevices, 2019, 21, 32.	1.4	11
7	Translational Nanodiagnostics for In Vivo Cancer Detection. Bioanalysis, 2019, , 133-162.	0.1	1
8	Big Potential from Small Agents: Nanoparticles for Imaging-Based Companion Diagnostics. ACS Nano, 2018, 12, 2106-2121.	7.3	117
9	Epigenetics of amphetamine-induced sensitization: HDAC5 expression and microRNA in neural remodeling. Journal of Biomedical Science, 2016, 23, 90.	2.6	10
10	Amphetamine manipulates monoamine oxidase-A level and behavior using theranostic aptamers of transcription factors AP-1/NF- $\kappa$ B. Journal of Biomedical Science, 2016, 23, 21.	2.6	7
11	Noninvasive tracking of gene transcript and neuroprotection after gene therapy. Gene Therapy, 2016, 23, 1-9.	2.3	18
12	Anatomical, functional and molecular biomarker applications of magnetic resonance neuroimaging. Future Neurology, 2015, 10, 49-65.	0.9	7
13	Intracellular gene transcription factor protein-guided MRI by DNA aptamers <i>in vivo</i> . FASEB Journal, 2014, 28, 464-473.	0.2	15
14	Data collection and analysis strategies for pHMRI. Neuropharmacology, 2014, 84, 65-78.	2.0	20
15	MRI reveals differential effects of amphetamine exposure on neuroglia <i>in vivo</i> . FASEB Journal, 2013, 27, 712-724.	0.2	15
16	Noninvasive detection of neural progenitor cells in living brains by MRI. FASEB Journal, 2012, 26, 1652-1662.	0.2	26
17	Migraine Mutations Increase Stroke Vulnerability by Facilitating Ischemic Depolarizations. Circulation, 2012, 125, 335-345.	1.6	148
18	Sodium sulfide prevents water diffusion abnormality in the brain and improves long term outcome after cardiac arrest in mice. Resuscitation, 2012, 83, 1292-1297.	1.3	30

#	ARTICLE	IF	CITATIONS
19	Bioinformatic Challenges of Big Data in Non-Coding RNA Research. <i>Frontiers in Genetics</i> , 2012, 3, 178.	1.1	8
20	Inhaled Nitric Oxide Improves Outcomes After Successful Cardiopulmonary Resuscitation in Mice. <i>Circulation</i> , 2011, 124, 1645-1653.	1.6	91
21	Gene Targeting MRI: Nucleic Acid-Based Imaging and Applications. <i>Methods in Molecular Biology</i> , 2011, 711, 363-377.	0.4	7
22	Microemboli may link spreading depression, migraine aura, and patent foramen ovale. <i>Annals of Neurology</i> , 2010, 67, 221-229.	2.8	267
23	DNA-Based MRI Probes for Specific Detection of Chronic Exposure to Amphetamine in Living Brains. <i>Journal of Neuroscience</i> , 2009, 29, 10663-10670.	1.7	26
24	Diffusion-Weighted Magnetic Resonance Imaging Reversal by Gene Knockdown of Matrix Metalloproteinase-9 Activities in Live Animal Brains. <i>Journal of Neuroscience</i> , 2009, 29, 3508-3517.	1.7	16
25	Manipulation of tissue contrast using contrast agents for enhanced MR microscopy in ex vivo mouse brain. <i>NeuroImage</i> , 2009, 46, 589-599.	2.1	33
26	Transcription MRI: A New View of the Living Brain. <i>Neuroscientist</i> , 2008, 14, 503-520.	2.6	10
27	Noninvasive delivery of gene targeting probes to live brains for transcription MRI. <i>FASEB Journal</i> , 2008, 22, 1193-1203.	0.2	26
28	Three-Dimensional High-Resolution Diffusion Tensor Imaging and Tractography of the Developing Rabbit Brain. <i>Developmental Neuroscience</i> , 2008, 30, 262-275.	1.0	34
29	Imaging Cerebral Gene Transcripts in Live Animals. <i>Journal of Neuroscience</i> , 2007, 27, 713-722.	1.7	57
30	MR contrast probes that trace gene transcripts for cerebral ischemia in live animals. <i>FASEB Journal</i> , 2007, 21, 3004-3015.	0.2	32
31	Remifentanil administration reveals biphasic pHMRI temporal responses in rat consistent with dynamic receptor regulation. <i>NeuroImage</i> , 2007, 34, 1042-1053.	2.1	32
32	Forebrain Ischemia-Reperfusion Simulating Cardiac Arrest in Mice Induces Edema and DNA Fragmentation in the Brain. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00011.	0.7	16
33	Forebrain ischemia-reperfusion simulating cardiac arrest in mice induces edema and DNA fragmentation in the brain. <i>Molecular Imaging</i> , 2007, 6, 156-70.	0.7	13
34	Direct CSF injection of MnCl <sub>2</sub> for dynamic manganese-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 978-987.	1.9	57
35	Exogenous contrast agent improves sensitivity of gradient-echo functional magnetic resonance imaging at 9.4 T. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1272-1281.	1.9	83