

Masaya Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,003
citations

471509

17
h-index

642732

23
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23
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docs citations

23
times ranked

2820
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-responsive Fluorescent Nanoparticles for Multimodal Imaging and Treatment of Cancers. <i>Nanotheranostics</i> , 2020, 4, 1-13.	5.2	29
2	Phosphoprotein-based biomarkers as predictors for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18401-18411.	7.1	25
3	Presaturation Power Adjusted Pulsed CEST: A Method to Increase Independence of Target CEST Signals. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.8	2
4	Metabolic and cardiovascular effects of chronic mild hyperuricemia in rodents. <i>Journal of Investigative Medicine</i> , 2018, 66, 1037-1044.	1.6	1
5	Grading diffuse gliomas without intense contrast enhancement by amide proton transfer MR imaging: comparisons with diffusion- and perfusion-weighted imaging. <i>European Radiology</i> , 2017, 27, 578-588.	4.5	90
6	Recombinant hKlotho may be prophylactic and therapeutic for acute to chronic kidney disease progression and uremic cardiomyopathy. <i>Kidney International</i> , 2017, 91, 1104-1114.	5.2	193
7	Three-dimensional Shape and Surface Features Distinguish Multiple Sclerosis Lesions from Nonspecific White Matter Disease. <i>Journal of Neuroimaging</i> , 2017, 27, 613-619.	2.0	17
8	Laquinimod has no effects on brain volume or cellular CNS composition in the F1 3xTg-AD/C3H mouse model of Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2017, 309, 100-110.	2.3	5
9	Fe Core Carbon Shell Nanoparticles as Advanced MRI Contrast Enhancer. <i>Journal of Functional Biomaterials</i> , 2017, 8, 46.	4.4	6
10	Correlating Function and Imaging Measures of the Medial Longitudinal Fasciculus. <i>PLoS ONE</i> , 2016, 11, e0147863.	2.5	4
11	Amide Proton Transfer Imaging of Diffuse Gliomas: Effect of Saturation Pulse Length in Parallel Transmission-Based Technique. <i>PLoS ONE</i> , 2016, 11, e0155925.	2.5	30
12	Nanoparticle facilitated inhalational delivery of erythropoietin receptor cDNA protects against hyperoxic lung injury. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 811-821.	3.3	29
13	Scan-rescan reproducibility of parallel transmission based amide proton transfer imaging of brain tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1346-1353.	3.4	41
14	Molecular Platform for Design and Synthesis of Targeted Dual-Modality Imaging Probes. <i>Bioconjugate Chemistry</i> , 2015, 26, 549-558.	3.6	18
15	Klotho and Phosphate Are Modulators of Pathologic Uremic Cardiac Remodeling. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1290-1302.	6.1	231
16	In vivo chemical exchange saturation transfer imaging allows early detection of a therapeutic response in glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4542-4547.	7.1	168
17	Amide proton transfer imaging of adult diffuse gliomas: correlation with histopathological grades. <i>Neuro-Oncology</i> , 2014, 16, 441-448.	1.2	312
18	Characterization of Lung Cancer by Amide Proton Transfer (APT) Imaging: An In-Vivo Study in an Orthotopic Mouse Model. <i>PLoS ONE</i> , 2013, 8, e77019.	2.5	41

#	ARTICLE	IF	CITATIONS
19	Klotho Inhibits Transforming Growth Factor- β 1 (TGF- β 1) Signaling and Suppresses Renal Fibrosis and Cancer Metastasis in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 8655-8665.	3.4	453
20	Ultra-short echo time (UTE) MR imaging of the lung: Comparison between normal and emphysematous lungs in mutant mice. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 326-333.	3.4	87
21	Assessment of Renal Fibrosis with Diffusion-weighted MR Imaging: Study with Murine Model of Unilateral Ureteral Obstruction. <i>Radiology</i> , 2010, 255, 772-780.	7.3	148
22	Modulation of water exchange in Eu(III) DOTA-tetraamide complexes: considerations for <i>in vivo</i> imaging of PARACEST agents. <i>Contrast Media and Molecular Imaging</i> , 2009, 4, 183-191.	0.8	56