Masaya Takahashi

List of Publications by Year
in descending order

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22 papers	2,003 citations	471477 17 h-index	642715 23 g-index
23 all docs	23 docs citations	23 times ranked	2820 citing authors

#	Article	IF	Citations
1	Klotho Inhibits Transforming Growth Factor-Î²1 (TGF-Î²1) Signaling and Suppresses Renal Fibrosis and Cancer Metastasis in Mice. Journal of Biological Chemistry, 2011, 286, 8655-8665.	3.4	453
2	Amide proton transfer imaging of adult diffuse gliomas: correlation with histopathological grades. Neuro-Oncology, 2014, 16, 441-448.	1.2	312
3	Klotho and Phosphate Are Modulators of Pathologic Uremic Cardiac Remodeling. Journal of the American Society of Nephrology: JASN, 2015, 26, 1290-1302.	6.1	231
4	Recombinant Î±-Klotho may be prophylactic and therapeutic for acute to chronic kidney disease progression and uremic cardiomyopathy. Kidney International, 2017, 91, 1104-1114.	5.2	193
5	In vivo chemical exchange saturation transfer imaging allows early detection of a therapeutic response in glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4542-4547.	7.1	168
6	Assessment of Renal Fibrosis with Diffusion-weighted MR Imaging: Study with Murine Model of Unilateral Ureteral Obstruction. Radiology, 2010, 255, 772-780.	7.3	148
7	Grading diffuse gliomas without intense contrast enhancement by amide proton transfer MR imaging: comparisons with diffusion- and perfusion-weighted imaging. European Radiology, 2017, 27, 578-588.	4.5	90
8	Ultraâ€šshort echo time (UTE) MR imaging of the lung: Comparison between normal and emphysematous lungs in mutant mice. Journal of Magnetic Resonance Imaging, 2010, 32, 326-333.	3.4	87
9	Modulation of water exchange in Eu(III) DOTAâ€“tetraamide complexes: considerations for in vivo imaging of PARACEST agents. Contrast Media and Molecular Imaging, 2009, 4, 183-191.	0.8	56
10	Characterization of Lung Cancer by Amide Proton Transfer (APT) Imaging: An In-Vivo Study in an Orthotopic Mouse Model. PLoS ONE, 2013, 8, e77019.	2.5	41
11	Scanâ€“rescan reproducibility of parallel transmission based amide proton transfer imaging of brain tumors. Journal of Magnetic Resonance Imaging, 2015, 42, 1346-1353.	3.4	41
12	Amide Proton Transfer Imaging of Diffuse Gliomas: Effect of Saturation Pulse Length in Parallel Transmission-Based Technique. PLoS ONE, 2016, 11, e0155925.	2.5	30
13	Nanoparticle facilitated inhalational delivery of erythropoietin receptor cDNA protects against hyperoxic lung injury. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 811-821.	3.3	29
14	Thermo-responsive Fluorescent Nanoparticles for Multimodal Imaging and Treatment of Cancers. Nanotheranostics, 2020, 4, 1-13.	5.2	29
15	Phosphoprotein-based biomarkers as predictors for cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18401-18411.	7.1	25
16	Molecular Platform for Design and Synthesis of Targeted Dual-Modality Imaging Probes. Bioconjugate Chemistry, 2015, 26, 549-558.	3.6	18
17	Threeâ€Ðimensional Shape and Surface Features Distinguish Multiple Sclerosis Lesions from Nonspecific White Matter Disease. Journal of Neuroimaging, 2017, 27, 613-619.	2.0	17
18	Fe Coreâ€“Carbon Shell Nanoparticles as Advanced MRI Contrast Enhancer. Journal of Functional Biomaterials, 2017, 8, 46.	4.4	6

#	Article	IF	Citations
19	Laquinimod has no effects on brain volume or cellular CNS composition in the F1 3xTg-AD/C3H mouse model of Alzheimer's disease. Journal of Neuroimmunology, 2017, 309, 100-110.	2.3	5
20	Correlating Function and Imaging Measures of the Medial Longitudinal Fasciculus. PLoS ONE, 2016, 11, e0147863.	2.5	4
21	Presaturation Power Adjusted Pulsed CEST: A Method to Increase Independence of Target CEST Signals. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.8	2
22	Metabolic and cardiovascular effects of chronic mild hyperuricemia in rodents. Journal of Investigative Medicine, 2018, 66, 1037-1044.	1.6	1