

Seong-Eun Kim

List of Publications by Year in descending order

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30
papers

557
citations

567281

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30
docs citations

30
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased brain $\frac{PME}{PDE}$ ratio in bipolar disorder: a preliminary 31P magnetic resonance spectroscopy study. <i>Bipolar Disorders</i> , 2015, 17, 743-752.	1.9	52
2	High-resolution vessel wall MRI for the evaluation of intracranial atherosclerotic disease. <i>Neuroradiology</i> , 2017, 59, 1193-1202.	2.2	50
3	Prediction of Carotid Intraplaque Hemorrhage Using Adventitial Calcification and Plaque Thickness on CTA. <i>American Journal of Neuroradiology</i> , 2016, 37, 1496-1503.	2.4	46
4	High-resolution DTI of a localized volume using 3D single-shot diffusion-weighted stimulated echo-planar imaging (3D ss-DWSTEPI). <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1173-1181.	3.0	42
5	<i>In vivo</i> evidence of an age-related increase in ATP cost of contraction in the plantar flexor muscles. <i>Clinical Science</i> , 2014, 126, 581-592.	4.3	34
6	Carotid MRI Detection of Intraplaque Hemorrhage at 3T and 1.5T. <i>Journal of Neuroimaging</i> , 2015, 25, 390-396.	2.0	26
7	Carotid Magnetization-Prepared Rapid Acquisition With Gradient-Echo Signal Is Associated With Acute Territorial Cerebral Ischemic Events Detected by Diffusion-Weighted MRI. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 376-382.	2.6	25
8	<i>In vivo</i> and <i>ex vivo</i> measurements of the mean ADC values of lipid necrotic core and hemorrhage obtained from diffusion weighted imaging in human atherosclerotic plaques. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1167-1175.	3.4	24
9	Magnetic Resonance Imaging Detection of Intraplaque Hemorrhage. <i>Magnetic Resonance Insights</i> , 2017, 10, 1178623X1769415.	2.5	23
10	Magnetic Resonance Imaging and Clinical Factors Associated With Ischemic Stroke in Patients Suspected of Cervical Artery Dissection. <i>Stroke</i> , 2018, 49, 2337-2344.	2.0	22
11	Effect of altitude on brain intracellular pH and inorganic phosphate levels. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 149-156.	1.8	21
12	Assessment of quantitative methods for enhancement measurement on vessel wall magnetic resonance imaging evaluation of intracranial atherosclerosis. <i>Neuroradiology</i> , 2019, 61, 643-650.	2.2	20
13	Diffusion-weighted imaging of human carotid artery using 2D single-shot interleaved multislice inner volume diffusion-weighted echo planar imaging (2D ss-MIV-DWEPI) at 3T: Diffusion measurement in atherosclerotic plaque. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 1068-1077.	3.4	19
14	Correlation of Carotid Intraplaque Hemorrhage and Stroke Using 1.5 T and 3 T Mri. <i>Magnetic Resonance Insights</i> , 2015, 8s1, MRI.S23560.	2.5	18
15	Evidence of Preserved Oxidative Capacity and Oxygen Delivery in the Plantar Flexor Muscles With Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1067-1076.	3.6	18
16	Increased vessel depiction of the carotid bifurcation with a specialized 16-channel phased array coil at 3T. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1486-1493.	3.0	14
17	Interchangeable neck shape-specific coils for a clinically realizable anterior neck phased array system. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2460-2468.	3.0	14
18	Triple contrast technique for black blood imaging with double inversion preparation. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1379-1387.	3.0	13

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19	Optimal Prediction of Carotid Intraplaque Hemorrhage Using Clinical and Lumen Imaging Markers. American Journal of Neuroradiology, 2015, 36, 2360-2366.	2.4	13
20	Impact of age on exercise-induced ATP supply during supramaximal plantar flexion in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R378-R388.	1.8	13
21	Motion-insensitive carotid intraplaque hemorrhage imaging using 3D inversion recovery preparation stack of stars (IR-prep SOS) technique. Journal of Magnetic Resonance Imaging, 2017, 45, 410-417.	3.4	12
22	Vitamin D and Vulnerable Carotid Plaque. American Journal of Neuroradiology, 2016, 37, 2092-2099.	2.4	9
23	Autologous fat transplants to deliver glitazone and adiponectin for vasculoprotection. Journal of Controlled Release, 2017, 264, 237-246.	9.9	6
24	Vessel Wall Enhancement on Black-Blood MRI Predicts Acute and Future Stroke in Cerebral Amyloid Angiopathy. American Journal of Neuroradiology, 2021, 42, 1038-1045.	2.4	6
25	Low b-value diffusion weighted imaging is promising in the diagnosis of brain death and hypoxic-ischemic injury secondary to cardiopulmonary arrest. Critical Care, 2018, 22, 165.	5.8	5
26	Rabbit models of intracranial atherosclerotic disease for pathological validation of vessel wall MRI. Neuroradiology Journal, 2021, 34, 193-199.	1.2	4
27	Methemoglobin Modulation as an Intravascular Contrast Agent for Magnetic Resonance Imaging: Proof of Concept. Frontiers in Veterinary Science, 2019, 6, 416.	2.2	3
28	Differentiation of symptomatic and asymptomatic carotid intraplaque hemorrhage using 3D high-resolution diffusion-weighted stack of stars imaging. NMR in Biomedicine, 2021, 34, e4582.	2.8	3
29	Assessment of Novel Anti-thrombotic Fusion Proteins for Inhibition of Stenosis in a Porcine Model of Arteriovenous Graft. PLoS ONE, 2015, 10, e0137381.	2.5	2
30	An improved RF and gradient coil system for high resolution in vivo guinea pig cochlea imaging on a 3T clinical magnet. Concepts in Magnetic Resonance Part B, 2014, 44, 89-101.	0.7	0