

Eun-Kee Jeong

List of Publications by Year in descending order

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39
papers

874
citations

471509

17
h-index

477307

29
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39
all docs

39
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39
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high-resolution diffusion-weighted imaging for quantitative evaluation of myelination in shiverer mouse spinal cord. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 179-192.	3.0	2
2	Changes of Neurotransmitters in Youth with Internet and Smartphone Addiction: A Comparison with Healthy Controls and Changes after Cognitive Behavioral Therapy. <i>American Journal of Neuroradiology</i> , 2020, 41, 1293-1301.	2.4	17
3	Skeletal Muscle Mitochondrial Adaptations to Maximal Strength Training in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2269-2277.	3.6	10
4	Diffusion MRI using two-dimensional single-shot radial imaging (2D ss-rDWI) with variable flip angle and random view ordering. <i>Magnetic Resonance Imaging</i> , 2019, 61, 273-284.	1.8	2
5	Continuous prospectively navigated multi-echo GRE for improved BOLD imaging of the kidneys. <i>NMR in Biomedicine</i> , 2019, 32, e4078.	2.8	1
6	Study of kinetics of ¹⁹ F-MRI using a fluorinated imaging agent (19FIT) on a 3T clinical MRI system. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 97-103.	2.0	4
7	Ultra-high-resolution radial diffusion-weighted imaging (UH-rDWI) of human cervical spinal cord. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 204-211.	3.4	3
8	Impaired Muscle Efficiency but Preserved Peripheral Hemodynamics and Mitochondrial Function With Advancing Age: Evidence From Exercise in the Young, Old, and Oldest-Old. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1303-1312.	3.6	16
9	Maximal strength training increases muscle force generating capacity and the anaerobic ATP synthesis flux without altering the cost of contraction in elderly. <i>Experimental Gerontology</i> , 2018, 111, 154-161.	2.8	20
10	Two-dimensional single-shot diffusion-weighted stimulated EPI with reduced FOV for ultra-high-b radial diffusion-weighted imaging of spinal cord. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2167-2173.	3.0	9
11	Oxygen delivery and the restoration of the muscle energetic balance following exercise: implications for delayed muscle recovery in patients with COPD. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E94-E104.	3.5	9
12	Synchronous radial ¹ H and ²³ Na dual-nuclear MRI on a clinical MRI system, equipped with a broadband transmit channel. <i>Concepts in Magnetic Resonance Part B</i> , 2016, 46B, 191-201.	0.7	12
13	Eight-channel decoupled array for cervical spinal cord imaging at 3T: six-channel posterior and two-channel anterior array coil. <i>Concepts in Magnetic Resonance Part B</i> , 2016, 46B, 90-99.	0.7	5
14	Accuracy and precision of quantitative ³¹ P-MRS measurements of human skeletal muscle mitochondrial function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E358-E366.	3.5	23
15	Characterization of spinal cord white matter by suppressing signal from hindered space. A Monte Carlo simulation and an ex vivo ultra-high-b diffusion-weighted imaging study. <i>Journal of Magnetic Resonance</i> , 2016, 272, 53-59.	2.1	7
16	Evidence of a metabolic reserve in the skeletal muscle of elderly people. <i>Aging</i> , 2016, 9, 52-67.	3.1	9
17	Wideband arrhythmia-insensitive-rapid (AIR) pulse sequence for cardiac T1 mapping without image artifacts induced by an implantable cardioverter-defibrillator. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 336-345.	3.0	23
18	Decreased brain ³¹ P/ ³¹ P magnetic resonance spectroscopy study. <i>Bipolar Disorders</i> , 2015, 17, 743-752.	1.9	52

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19	Accuracy of Diffusion Tensor Imaging for Diagnosing Cervical Spondylotic Myelopathy in Patients Showing Spinal Cord Compression. Korean Journal of Radiology, 2015, 16, 1303.	3.4	23
20	Wideband late gadolinium enhanced magnetic resonance imaging for imaging myocardial scar without image artefacts induced by implantable cardioverter-defibrillator: a feasibility study at 3 T. Europace, 2015, 17, 483-488.	1.7	31
21	Skeletal muscle work efficiency with age: the role of non-contractile processes. Clinical Science, 2015, 128, 213-223.	4.3	26
22	Diffusion tensor imaging focusing on lower cervical spinal cord using 2D reduced FOV interleaved multislice single-shot diffusion-weighted echo-planar imaging: comparison with conventional single-shot diffusion-weighted echo-planar imaging. Magnetic Resonance Imaging, 2015, 33, 401-406.	1.8	8
23	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
24	Evidence of Preserved Oxidative Capacity and Oxygen Delivery in the Plantar Flexor Muscles With Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1067-1076.	3.6	18
25	<i>In vivo</i> evidence of an age-related increase in ATP cost of contraction in the plantar flexor muscles. Clinical Science, 2014, 126, 581-592.	4.3	34
26	Effect of altitude on brain intracellular pH and inorganic phosphate levels. Psychiatry Research - Neuroimaging, 2014, 222, 149-156.	1.8	21
27	Anterior cingulate cortex choline levels in female adolescents with unipolar versus bipolar depression: A potential new tool for diagnosis. Journal of Affective Disorders, 2014, 167, 25-29.	4.1	17
28	Short-term training alters the control of mitochondrial respiration rate before maximal oxidative ATP synthesis. FASEB Journal, 2013, 27, 1202.1.	0.5	0
29	Measurement of creatine kinase reaction rate in human brain using magnetization transfer image-selected <i>in vivo</i> spectroscopy (MT-ISIS) and a volume ³¹ P/ ¹ H radiofrequency coil in a clinical 3T MRI system. NMR in Biomedicine, 2011, 24, 765-770.	2.8	22
30	Evaluation of CLT1-(Gd-DTPA) for Cancer MR Molecular Imaging in a Mouse Breast Cancer Model. Bopuxue Zazhi, 2011, 2, 325-330.	1.0	4
31	Ocular pharmacokinetic study of a corticosteroid by 19F MR. Experimental Eye Research, 2010, 91, 347-352.	2.6	16
32	Symmetry-Guided Design and Fluorous Synthesis of a Stable and Rapidly Excreted Imaging Tracer for ¹⁹ F-MRI. Angewandte Chemie - International Edition, 2009, 48, 4755-4758.	13.8	101
33	Improvement of accuracy of diffusion MRI using real-time self-gated data acquisition. NMR in Biomedicine, 2009, 22, 545-550.	2.8	10
34	Examination of penetration routes and distribution of ionic permeants during and after transscleral iontophoresis with magnetic resonance imaging. International Journal of Pharmaceutics, 2007, 335, 46-53.	5.2	33
35	Noninvasive Visualization of Pharmacokinetics, Biodistribution and Tumor Targeting of Poly[N-(2-hydroxypropyl)methacrylamide] in Mice Using Contrast Enhanced MRI. Pharmaceutical Research, 2007, 24, 1208-1216.	3.5	50
36	High-resolution DTI of a localized volume using 3D single-shot diffusion-weighted Stimulated echo-planar imaging (3D ss-DWSTEPI). Magnetic Resonance in Medicine, 2006, 56, 1173-1181.	3.0	42

#	ARTICLE	IF	CITATIONS
37	High-resolution DTI with 2D interleaved multislice reduced FOV single-shot diffusion-weighted EPI (2D) Tj ETQq1 1 0.784314 192 /Over	3.0	192
38	High-resolution diffusion-weighted 3D MRI, using diffusion-weighted driven-equilibrium (DW-DE) and multishot segmented 3D-SSFP without navigator echoes. Magnetic Resonance in Medicine, 2003, 50, 821-829.	3.0	58
39	Reduction of flow-related signal loss in flow-compensated 3D TOF MR angiography, using variable echo time (3D TOF-VTE). Magnetic Resonance in Medicine, 2002, 48, 667-676.	3.0	21