

Eun-Kee Jeong

List of Publications by Year in descending order

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39
papers

874
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471509

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477307

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citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution DTI with 2D interleaved multislice reduced FOV single-shot diffusion-weighted EPI (2D) Tj ETQq1 1	0.784314	192
2	Symmetryâ€œGuided Design and Fluorous Synthesis of a Stable and Rapidly Excreted Imaging Tracer for ¹⁹Fâ€œ...MRI. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4755-4758.	13.8	101
3	High-resolution diffusion-weighted 3D MRI, using diffusion-weighted driven-equilibrium (DW-DE) and multishot segmented 3D-SSFP without navigator echoes. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 821-829.	3.0	58
4	Decreased brain <sc>PME</sc>/<sc>PDE</sc> ratio in bipolar disorder: a preliminary ³¹P magnetic resonance spectroscopy study. <i>Bipolar Disorders</i> , 2015, 17, 743-752.	1.9	52
5	Noninvasive Visualization of Pharmacokinetics, Biodistribution and Tumor Targeting of Poly[N-(2-hydroxypropyl)methacrylamide] in Mice Using Contrast Enhanced MRI. <i>Pharmaceutical Research</i> , 2007, 24, 1208-1216.	3.5	50
6	High-resolution DTI of a localized volume using 3Dsingle-shot diffusion-weightedSTimulatedecho-planarimaging (3D ss-DWSTEP). <i>Magnetic Resonance in Medicine</i> , 2006, 56, 1173-1181.	3.0	42
7	<i>InÂvivo</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
8	Examination of penetration routes and distribution of ionic permeants during and after transscleral iontophoresis with magnetic resonance imaging. <i>International Journal of Pharmaceutics</i> , 2007, 335, 46-53.	5.2	33
9	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. <i>Europace</i> , 2015, 17, 483-488.	1.7	31
10	Skeletal muscle work efficiency with age: the role of non-contractile processes. <i>Clinical Science</i> , 2015, 128, 213-223.	4.3	26
11	Wideband arrhythmiaâ€œinsensitiveâ€œrapid (AIR) pulse sequence for cardiac T1 mapping without image artifacts induced by an implantableâ€œcardioverterâ€œdefibrillator. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 336-345.	3.0	23
12	Accuracy of Diffusion Tensor Imaging for Diagnosing Cervical Spondylotic Myelopathy in Patients Showing Spinal Cord Compression. <i>Korean Journal of Radiology</i> , 2015, 16, 1303.	3.4	23
13	Accuracy and precision of quantitative³¹P-MRS measurements of human skeletal muscle mitochondrial function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E358-E366.	3.5	23
14	Measurement of creatine kinase reaction rate in human brain using magnetization transfer imageâ€œselected <i>in vivo</i> spectroscopy (MTâ€œISIS) and a volume ³¹P/¹H radiofrequency coil in a clinical 3â€œT MRI system. <i>NMR in Biomedicine</i> , 2011, 24, 765-770.	2.8	22
15	Reduction of flow-related signal loss in flow-compensated 3D TOF MR angiography, using variable echo time (3D TOF-VTE). <i>Magnetic Resonance in Medicine</i> , 2002, 48, 667-676.	3.0	21
16	Effect of altitude on brain intracellular pH and inorganic phosphate levels. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 149-156.	1.8	21
17	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
18	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

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19	Anterior cingulate cortex choline levels in female adolescents with unipolar versus bipolar depression: A potential new tool for diagnosis. <i>Journal of Affective Disorders</i> , 2014, 167, 25-29.	4.1	17
20	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
21	Ocular pharmacokinetic study of a corticosteroid by ¹⁹ F MR. <i>Experimental Eye Research</i> , 2010, 91, 347-352.	2.6	16
22	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
23	Impact of age on exercise-induced ATP supply during supramaximal plantar flexion in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R378-R388.	1.8	13
24	Synchronous radial ¹ H and ²³ Na dual-channel 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
25	Improvement of accuracy of diffusion MRI using real-time self-gated data acquisition. <i>NMR in Biomedicine</i> , 2009, 22, 545-550.	2.8	10
26	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
27	Two-dimensional single-shot diffusion-weighted stimulated EPI with reduced FOV for ultrahigh-b radial diffusion-weighted imaging of spinal cord. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 2167-2173.	3.0	9
28	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
29	Evidence of a metabolic reserve in the skeletal muscle of elderly people. <i>Aging</i> , 2016, 9, 52-67.	3.1	9
30	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. <i>Magnetic Resonance Imaging</i> , 2015, 33, 401-406.	1.8	8
31	Characterization of spinal cord white matter by suppressing signal from hindered space. A Monte Carlo simulation and an ex vivo ultrahigh-b diffusion-weighted imaging study. <i>Journal of Magnetic Resonance</i> , 2016, 272, 53-59.	2.1	7
32	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
33	Study of kinetics of ¹⁹ F-MRI using a fluorinated imaging agent (¹⁹ FIT) on a 3T clinical MRI system. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 97-103.	2.0	4
34	Evaluation of CLT1-(Gd-DTPA) for Cancer MR Molecular Imaging in a Mouse Breast Cancer Model. <i>Bopuxue Zazhi</i> , 2011, 2, 325-330.	1.0	4
35	Ultra-high-b radial diffusion-weighted imaging (UHb-rDWI) of human cervical spinal cord. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 204-211.	3.4	3
36	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

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37	Ultrahigh-field 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
38	Continuous prospectively navigated multi-echo GRE for improved BOLD imaging of the kidneys. <i>NMR in Biomedicine</i> , 2019, 32, e4078.	2.8	1
39	Short-term training alters the control of mitochondrial respiration rate before maximal oxidative ATP synthesis. <i>FASEB Journal</i> , 2013, 27, 1202.1.	0.5	0