Atsuya Watanabe

List of Publications by Year
in descending order

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Version: 2024-02-01

21 papers	616 citations	840728 11 h-index	713444 21 g-index
21 all docs	21 docs citations	21 times ranked	823 citing authors

#	Article	IF	Citations
1	An Injectable Hyaluronic Acid Hydrogel Promotes Intervertebral Disc Repair in a Rabbit Model. Spine, 2021, 46, E810-E816.	2.0	10
2	Functional Assessment of Lumbar Nerve Roots Using Coronal-plane Single-shot Turbo Spin-echo Diffusion Tensor Imaging. Magnetic Resonance in Medical Sciences, 2020, 19, 159-165.	2.0	4
3	Effects of repeated intra-articular hyaluronic acid on cartilage degeneration evaluated by T1Ï•mapping in knee osteoarthritis. Modern Rheumatology, 2020, 31, 1-7.	1.8	2
4	Evaluating Spinal Canal Lesions Using Apparent Diffusion Coefficient Maps with Diffusion-Weighted Imaging. Asian Spine Journal, 2020, 14, 312-319.	2.0	1
5	Efficacy of HYADDÂ®4-G single intra-discal injections in a rabbit model of intervertebral disc degeneration. Bio-Medical Materials and Engineering, 2019, 30, 403-417.	0.6	1
6	Volume change in infrapatellar fat pad is associated not with obesity but with cartilage degeneration. Journal of Orthopaedic Research, 2019, 37, 593-600.	2.3	16
7	Distortion-free diffusion tensor imaging for evaluation of lumbar nerve roots: Utility of direct coronal single-shot turbo spin-echo diffusion sequence. Magnetic Resonance Imaging, 2018, 49, 78-85.	1.8	11
8	Bone morphological factors influencing cartilage degeneration in the knee. Modern Rheumatology, 2018, 28, 351-357.	1.8	11
9	Comparative Analysis of Gene Expression between Cartilage and Menisci in Early-Phase Osteoarthritis of the Kneeâ€"An Animal Model Study. Journal of Knee Surgery, 2018, 31, 664-669.	1.6	8
10	Evaluation of Lumbar Intervertebral Disc Degeneration Using T1Ï•and T2 Magnetic Resonance Imaging in a Rabbit Disc Injury Model. Asian Spine Journal, 2018, 12, 317-324.	2.0	13
11	Inflammatory pain-related traits of sensory DRG neurons innervating the hip joints. Journal of Orthopaedic Science, 2017, 22, 325-329.	1.1	3
12	Visualization of lumbar nerves using reduced fieldÂofÂview diffusion tensor imaging in healthy volunteers and patients with degenerative lumbar disorders. British Journal of Radiology, 2017, 90, 20160929.	2.2	8
13	The diagnosis of double-crush lesion in the L5 lumbar nerve using diffusion tensor imaging. Spine Journal, 2016, 16, 315-321.	1.3	26
14	Diffusion tensor imaging of lumbar spinal nerve in subjects with degenerative lumbar disorders. Magnetic Resonance Imaging, 2015, 33, 956-961.	1.8	37
15	Quantitative Assessment of Tendon Healing by Using MR T2 Mapping in a Rabbit Achilles Tendon Transection Model Treated with Platelet-rich Plasma. Radiology, 2015, 276, 748-755.	7.3	38
16	Effectiveness of Thermotherapy Using a Heat and Steam Generating Sheet for Cartilage in Knee Osteoarthritis. Journal of Physical Therapy Science, 2014, 26, 281-284.	0.6	19
17	Classification of Intervertebral Disk Degeneration with Axial T2 Mapping. American Journal of Roentgenology, 2007, 189, 936-942.	2.2	132
18	Effect of multislice acquisition on T₁ and T₂ measurements of articular cartilage at 3T. Journal of Magnetic Resonance Imaging, 2007, 26, 109-117.	3.4	34

#	Article	IF	Citations
19	T₂mapping of hip articular cartilage in healthy volunteers at 3T: A study of topographic variation. Journal of Magnetic Resonance Imaging, 2007, 26, 165-171.	3.4	97
20	Delayed Gadolinium-enhanced MR to Determine Glycosaminoglycan Concentration in Reparative Cartilage after Autologous Chondrocyte Implantation: Preliminary Results. Radiology, 2006, 239, 201-208.	7.3	136
21	Time Course Evaluation of Reparative Cartilage with MR Imaging after Autologous Chondrocyte Implantation. Cell Transplantation, 2005, 14, 695-700.	2.5	9