

Arne Fischmann

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,756
citations

361296

20
h-index

414303

32
g-index

35
all docs

35
docs citations

35
times ranked

2602
citing authors

#	ARTICLE	IF	CITATIONS
1	Claudin-1 and claudin-5 expression and tight junction morphology are altered in blood vessels of human glioblastoma multiforme. <i>Acta Neuropathologica</i> , 2000, 100, 323-331.	3.9	412
2	MRI biomarker assessment of neuromuscular disease progression: a prospective observational cohort study. <i>Lancet Neurology</i> , The, 2016, 15, 65-77.	4.9	256
3	Extracellular matrix and the blood-brain barrier in glioblastoma multiforme: spatial segregation of tenascin and agrin. <i>Acta Neuropathologica</i> , 2002, 104, 85-91.	3.9	165
4	Quantitative MRI and loss of free ambulation in Duchenne muscular dystrophy. <i>Journal of Neurology</i> , 2013, 260, 969-974.	1.8	101
5	Quantitative MRI can detect subclinical disease progression in muscular dystrophy. <i>Journal of Neurology</i> , 2012, 259, 1648-1654.	1.8	89
6	Quantitative muscle MRI: A powerful surrogate outcome measure in Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2015, 25, 679-685.	0.3	88
7	Quantification of fat infiltration in oculopharyngeal muscular dystrophy: Comparison of three MR imaging methods. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 203-210.	1.9	63
8	Muscle MRI reveals distinct abnormalities in genetically proven non-dystrophic myotonias. <i>Neuromuscular Disorders</i> , 2013, 23, 637-646.	0.3	56
9	Reproducibility, and age, body-weight and gender dependency of candidate skeletal muscle MRI outcome measures in healthy volunteers. <i>European Radiology</i> , 2014, 24, 1610-1620.	2.3	53
10	Improved Muscle Function in Duchenne Muscular Dystrophy through L-Arginine and Metformin: An Investigator-Initiated, Open-Label, Single-Center, Proof-Of-Concept-Study. <i>PLoS ONE</i> , 2016, 11, e0147634.	1.1	50
11	Longitudinal characterization of biomarkers for spinal muscular atrophy. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 292-304.	1.7	40
12	Muscular involvement assessed by MRI correlates to motor function measurement values in oculopharyngeal muscular dystrophy. <i>Journal of Neurology</i> , 2011, 258, 1333-1340.	1.8	39
13	Peripheral Nerve Repair: Multimodal Comparison of the Long-Term Regenerative Potential of Adipose Tissue-Derived Cells in a Biodegradable Conduit. <i>Stem Cells and Development</i> , 2015, 24, 2127-2141.	1.1	39
14	The 6-minute walk test, motor function measure and quantitative thigh muscle MRI in Becker muscular dystrophy: A cross-sectional study. <i>Neuromuscular Disorders</i> , 2016, 26, 414-422.	0.3	36
15	The Regeneration Potential after Human and Autologous Stem Cell Transplantation in a Rat Sciatic Nerve Injury Model can be Monitored by MRI. <i>Cell Transplantation</i> , 2015, 24, 203-211.	1.2	30
16	Denervation leads to volume regression in breast cancer. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 833-839.	0.5	30
17	Improved anatomical reproducibility in quantitative lower-limb muscle MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1033-1038.	1.9	24
18	Muscle magnetic resonance imaging in congenital myasthenic syndromes. <i>Muscle and Nerve</i> , 2016, 54, 211-219.	1.0	24

#	ARTICLE	IF	CITATIONS
19	Self-expanding nitinol stents for treatment of infragenicular arteries following unsuccessful balloon angioplasty. <i>European Radiology</i> , 2007, 17, 2088-2095.	2.3	22
20	Longitudinal 2-point dixon muscle magnetic resonance imaging in becker muscular dystrophy. <i>Muscle and Nerve</i> , 2015, 51, 918-921.	1.0	21
21	Skeletal muscle MRI of the lower limbs in congenital muscular dystrophy patients with novel POMT1 and POMT2 mutations. <i>Neuromuscular Disorders</i> , 2014, 24, 321-324.	0.3	20
22	Exercise might bias skeletal-muscle fat fraction calculation from Dixon images. <i>Neuromuscular Disorders</i> , 2012, 22, S107-S110.	0.3	18
23	Direct communication between radiologists and patients improves the quality of imaging reports. <i>European Radiology</i> , 2021, 31, 8725-8732.	2.3	12
24	Novel valosin containing protein mutation in a Swiss family with hereditary inclusion body myopathy and dementia. <i>Neuromuscular Disorders</i> , 2013, 23, 149-154.	0.3	11
25	Intra-arterial catheter guided steroid administration for the treatment of steroid-refractory intestinal GvHD. <i>Leukemia Research</i> , 2014, 38, 184-187.	0.4	11
26	Low-cost phantoms for training of stereotactic vacuum-assisted biopsy of the breast. <i>Clinical Imaging</i> , 2010, 34, 97-99.	0.8	9
27	Spinal imaging in intracranial primary pleomorphic xanthoastrocytoma with anaplastic features. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1299-1301.	0.8	9
28	Whole-body magnetic resonance imaging in extrathoracic sarcoidosis. <i>European Respiratory Journal</i> , 2014, 43, 1812-1815.	3.1	8
29	Teaching Neuro <i>Images</i> : Radiologic findings in Marchiafava-Bignami disease. <i>Neurology</i> , 2011, 77, e67.	1.5	7
30	œœl was seen by a radiologist, but unfortunately I canœ™t remember the name and I still have questions. What should I do?œ•Radiologists should give thoughts to improve service professionalism and patient esteem. <i>Cancer Imaging</i> , 2020, 20, 18.	1.2	7
31	Neuromuscular imaging in muscular dystrophies and other muscle diseases. <i>Imaging in Medicine</i> , 2013, 5, 237-248.	0.0	4
32	Reliable and fast volumetry of the lumbar spinal cord using cord image analyser (Cordial). <i>European Radiology</i> , 2018, 28, 4488-4495.	2.3	2
33	Intra-Arterial Catheter Guided Steroid Administration For The Treatment Of Steroid-Refractory Intestinal GvHD. <i>Blood</i> , 2013, 122, 4604-4604.	0.6	0