Susanne J Pedersen

List of Publications by Year
in descending order

101 papers	3,985 citations	126708 33 h-index	123241 61 g-index
105 all docs	105 docs citations	105 times ranked	2233 citing authors

#	Article	IF	Citations
1	Defining active sacroiliitis on MRI for classification of axial spondyloarthritis: update by the ASAS MRI working group. Annals of the Rheumatic Diseases, 2016, 75, 1958-1963.	0.5	383
2	Inflammatory lesions of the spine on magnetic resonance imaging predict the development of new syndesmophytes in ankylosing spondylitis: Evidence of a relationship between inflammation and new bone formation. Arthritis and Rheumatism, 2009, 60, 93-102.	6.7	322
3	The diagnostic utility of magnetic resonance imaging in spondylarthritis: An international multicenter evaluation of one hundred eightyâ€seven subjects. Arthritis and Rheumatism, 2010, 62, 3048-3058.	6.7	261
4	MRI lesions in the sacroiliac joints of patients with spondyloarthritis: an update of definitions and validation by the ASAS MRI working group. Annals of the Rheumatic Diseases, 2019, 78, 1550-1558.	0.5	171
5	A Comprehensive Hip Fracture Program Reduces Complication Rates and Mortality. Journal of the American Geriatrics Society, 2008, 56, 1831-1838.	1.3	159
6	Imaging in rheumatoid arthritis â€“ status and recent advances for magnetic resonance imaging, ultrasonography, computed tomography and conventional radiography. Best Practice and Research in Clinical Rheumatology, 2008, 22, 1019-1044.	1.4	132
7	Fat Metaplasia and Backfill Are Key Intermediaries in the Development of Sacroiliac Joint Ankylosis in Patients With Ankylosing Spondylitis. Arthritis and Rheumatology, 2014, 66, 2958-2967.	2.9	117
8	Development and Preliminary Validation of the Spondyloarthritis Research Consortium of Canada Magnetic Resonance Imaging Sacroiliac Joint Structural Score. Journal of Rheumatology, 2015, 42, 79-86.	1.0	115
9	Assessment of structural lesions in sacroiliac joints enhances diagnostic utility of magnetic resonance imaging in early spondylarthritis. Arthritis Care and Research, 2010, 62, 1763-1771.	1.5	112
10	Responsiveness of the Ankylosing Spondylitis Disease Activity Score (ASDAS) and clinical and MRI measures of disease activity in a 1-year follow-up study of patients with axial spondyloarthritis treated with tumour necrosis factor Î± inhibitors. Annals of the Rheumatic Diseases, 2010, 69, 1065-1071.	0.5	108
11	ASDAS, BASDAI and different treatment responses and their relation to biomarkers of inflammation, cartilage and bone turnover in patients with axial spondyloarthritis treated with TNFÂ inhibitors. Annals of the Rheumatic Diseases, 2011, 70, 1375-1381.	0.5	106
12	Enthesitis in patients with psoriatic arthritis, axial spondyloarthritis and healthy subjects assessed by â€˜head-to-toeâ€™ whole-body MRI and clinical examination. Annals of the Rheumatic Diseases, 2015, 74, 823-829.	0.5	106
13	Resolution of Inflammation Following Treatment of Ankylosing Spondylitis Is Associated with New Bone Formation. Journal of Rheumatology, 2011, 38, 1349-1354.	1.0	94
14	Can erosions on MRI of the sacroiliac joints be reliably detected in patients with ankylosing spondylitis? A cross-sectional study. Arthritis Research and Therapy, 2012, 14, R124.	1.6	92
15	Does spinal MRI add incremental diagnostic value to MRI of the sacroiliac joints alone in patients with non-radiographic axial spondyloarthritis?. Annals of the Rheumatic Diseases, 2015, 74, 985-992.	0.5	89
16	Radiographic progression is associated with resolution of systemic inflammation in patients with axial spondylarthritis treated with tumor necrosis factor Î± inhibitors: A study of radiographic progression, inflammation on magnetic resonance imaging, and c. Arthritis and Rheumatism, 2011, 63, 3789-3800.	6.7	88
17	Candidate lesion-based criteria for defining a positive sacroiliac joint MRI in two cohorts of patients with axial spondyloarthritis. Annals of the Rheumatic Diseases, 2015, 74, 1976-1982.	0.5	81
18	Associations Between Spondyloarthritis Features and Magnetic Resonance Imaging Findings: A Crossâ€Sectional Analysis of 1,020 Patients With Persistent Low Back Pain. Arthritis and Rheumatology, 2016, 68, 892-900.	2.9	71

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19	The Pathogenesis of Ankylosing Spondylitis: an Update. Current Rheumatology Reports, 2019, 21, 58.	2.1	67
20	Circulating levels of interleukin-6, vascular endothelial growth factor, YKL-40, matrix metalloproteinase-3, and total aggrecan in spondyloarthritis patients during 3Âyears of treatment with TNFÎ± inhibitors. Clinical Rheumatology, 2010, 29, 1301-1309.	1.0	60
21	Development and Validation of a Magnetic Resonance Imaging Reference Criterion for Defining a Positive Sacroiliac Joint Magnetic Resonance Imaging Finding in Spondyloarthritis. Arthritis Care and Research, 2013, 65, 977-985.	1.5	55
22	Head-to-toe whole-body MRI in psoriatic arthritis, axial spondyloarthritis and healthy subjects: first steps towards global inflammation and damage scores of peripheral and axial joints. Rheumatology, 2015, 54, 1039-1049.	0.9	55
23	Whole-body Magnetic Resonance Imaging in Inflammatory Arthritis: Systematic Literature Review and First Steps Toward Standardization and an OMERACT Scoring System. Journal of Rheumatology, 2017, 44, 1699-1705.	1.0	48
24	Limited Reliability of Radiographic Assessment of Sacroiliac Joints in Patients with Suspected Early Spondyloarthritis. Journal of Rheumatology, 2017, 44, 70-77.	1.0	48
25	Diagnostic Utility of Candidate Definitions for Demonstrating Axial Spondyloarthritis on Magnetic Resonance Imaging of the Spine. Arthritis and Rheumatology, 2015, 67, 924-933.	2.9	44
26	Data-driven definitions for active and structural MRI lesions in the sacroiliac joint in spondyloarthritis and their predictive utility. Rheumatology, 2021, 60, 4778-4789.	0.9	44
27	Fat Infiltration on Magnetic Resonance Imaging of the Sacroiliac Joints Has Limited Diagnostic Utility in Nonradiographic Axial Spondyloarthritis. Journal of Rheumatology, 2014, 41, 75-83.	1.0	43
28	Magnetic resonance imaging in spondyloarthritis â€“ how to quantify findings and measure response. Best Practice and Research in Clinical Rheumatology, 2010, 24, 637-657.	1.4	42
29	Course of Magnetic Resonance Imagingâ€“Detected Inflammation and Structural Lesions in the Sacroiliac Joints of Patients in the Randomized, Doubleâ€Blind, Placeboâ€Controlled Danish Multicenter Study of Adalimumab in Spondyloarthritis, as Assessed by the Berlin and Spondyloarthritis Research Consortium of Canada Methods. Arthritis and Rheumatology, 2016, 68, 418-429.	2.9	42
30	Whole-body MRI assessment of disease activity and structural damage in rheumatoid arthritis: first step towards an MRI joint count. Rheumatology, 2014, 53, 845-853.	0.9	40
31	Magnetic Resonance Imaging of Lesions in the Sacroiliac Joints for Differentiation of Patients With Axial Spondyloarthritis From Control Subjects With or Without Pelvic or Buttock Pain: A Prospective, Crossâ€Sectional Study of 204 Participants. Arthritis and Rheumatology, 2019, 71, 2034-2046.	2.9	38
32	The OMERACT MRI in Enthesitis Initiative: Definitions of Key Pathologies, Suggested MRI Sequences, and a Novel Heel Enthesitis Scoring System. Journal of Rheumatology, 2019, 46, 1232-1238.	1.0	37
33	Development and Validation of an OMERACT MRI Whole-Body Score for Inflammation in Peripheral Joints and Entheses in Inflammatory Arthritis (MRI-WIPE). Journal of Rheumatology, 2019, 46, 1215-1221.	1.0	35
34	No overall damage progression despite persistent inflammation in adalimumab-treated psoriatic arthritis patients: results from an investigator-initiated 48-week comparative magnetic resonance imaging, computed tomography and radiography trial. Rheumatology, 2014, 53, 746-756.	0.9	34
35	Whole-body Magnetic Resonance Imaging in Axial Spondyloarthritis: Reduction of Sacroiliac, Spinal, and Entheseal Inflammation in a Placebo-controlled Trial of Adalimumab. Journal of Rheumatology, 2018, 45, 621-629.	1.0	33
36	Active Inflammatory Lesions Detected by Magnetic Resonance Imaging in the Spine of Patients with Spondyloarthritis - Definitions, Assessment System, and Reference Image Set. Journal of rheumatology Supplement, The, 2009, 84, 3-17.	2.2	32

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37	Inflammatory and structural changes in vertebral bodies and posterior elements of the spine in axial spondyloarthritis: construct validity, responsiveness and discriminatory ability of the anatomy-based CANDEN scoring system in a randomised placebo-controlled trial. RMD Open, 2018, 4, e000624.	1.8	31
38	Structural Lesions Detected by Magnetic Resonance Imaging in the Spine of Patients with Spondyloarthritis - Definitions, Assessment System, and Reference Image Set. Journal of rheumatology Supplement, The, 2009, 84, 18-34.	2.2	29
39	Tumor necrosis factor inhibitor therapy but not standard therapy is associated with resolution of erosion in the sacroiliac joints of patients with axial spondyloarthritis. Arthritis Research and Therapy, 2014, 16, R100.	1.6	28
40	MRI lesions of the spine in patients with axial spondyloarthritis: an update of lesion definitions and validation by the ASAS MRI working group. Annals of the Rheumatic Diseases, 2022, 81, 1243-1251.	0.5	22
41	Whole-body Magnetic Resonance Imaging Inflammation in Peripheral Joints and Entheses in Axial Spondyloarthritis: Distribution and Changes during Adalimumab Treatment. Journal of Rheumatology, 2020, 47, 50-58.	1.0	21
42	Recent Advances in Imaging in Psoriatic Arthritis. Therapeutic Advances in Musculoskeletal Disease, 2011, 3, 43-53.	1.2	20
43	Canada-Denmark MRI scoring system of the spine in patients with axial spondyloarthritis: updated definitions, scoring rules and inter-reader reliability in a multiple reader setting. RMD Open, 2019, 5, e001057.	1.8	20
44	Structural progression rate decreases over time on serial radiography and magnetic resonance imaging of sacroiliac joints and spine in a five-year follow-up study of patients with ankylosing spondylitis treated with tumour necrosis factor inhibitor. Scandinavian Journal of Rheumatology, 2019, 48, 185-197.	0.6	20
45	Anatomic Distribution of Sacroiliac Joint Lesions on Magnetic Resonance Imaging in Patients With Axial Spondyloarthritis and Control Subjects: A Prospective Crossâ€Sectional Study, Including Postpartum Women, Patients With Disc Herniation, Cleaning Staff, Runners, and Healthy Individuals. Arthritis Care and Research, 2021, 73, 742-754.	1.5	20
46	Influence of field strength, coil type and image resolution on assessment of synovitis by unenhanced MRI â€“ a comparison with contrast-enhanced MRI. European Radiology, 2015, 25, 1059-1067.	2.3	19
47	Development and Validation of MRI Sacroiliac Joint Scoring Methods for the Semiaxial Scan Plane Corresponding to the Berlin and SPARCC MRI Scoring Methods, and of a New Global MRI Sacroiliac Joint Method. Journal of Rheumatology, 2018, 45, 70-77.	1.0	19
48	The diagnostic utility of MRI in spondyloarthritis. Best Practice and Research in Clinical Rheumatology, 2012, 26, 751-766.	1.4	17
49	The discriminative value of inflammatory back pain in patients with persistent low back pain. Scandinavian Journal of Rheumatology, 2016, 45, 321-328.	0.6	17
50	Does evaluation of the ligamentous compartment enhance diagnostic utility of sacroiliac joint MRI in axial spondyloarthritis?. Arthritis Research and Therapy, 2015, 17, 246.	1.6	16
51	Beyond the TNF-Î± Inhibitors: New and Emerging Targeted Therapies for Patients with Axial Spondyloarthritis and their Relation to Pathophysiology. Drugs, 2018, 78, 1397-1418.	4.9	16
52	Monitoring total-body inflammation and damage in joints and entheses: the first follow-up study of whole-body magnetic resonance imaging in rheumatoid arthritis. Scandinavian Journal of Rheumatology, 2017, 46, 253-262.	0.6	15
53	Bone marrow oedema assessment by magnetic resonance imaging in rheumatoid arthritis wrist and metacarpophalangeal joints: the importance of field strength, coil type and image resolution. Rheumatology, 2014, 53, 1446-1451.	0.9	14
54	Pattern of bone erosion and bone proliferation in psoriatic arthritis hands: a high-resolution computed tomography and radiography follow-up study during adalimumab therapy. Scandinavian Journal of Rheumatology, 2014, 43, 202-208.	0.6	14

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55	What Level of Inflammation Leads to Structural Damage in the Sacroiliac Joints? A Fourâ€Year Magnetic Resonance Imaging Followâ€Up Study of Low Back Pain Patients. Arthritis and Rheumatology, 2019, 71, 2027-2033.	2.9	14
56	Atlas of the OMERACT Heel Enthesitis MRI Scoring System (HEMRIS). RMD Open, 2020, 6, e001150.	1.8	14
57	Central reader evaluation of MRI scans of the sacroiliac joints from the ASAS classification cohort: discrepancies with local readers and impact on the performance of the ASAS criteria. Annals of the Rheumatic Diseases, 2020, 79, 935-942.	0.5	14
58	The utility of magnetic resonance imaging lesion combinations in the sacroiliac joints for diagnosing patients with axial spondyloarthritis. A prospective study of 204 participants including post-partum women, patients with disc herniation, cleaning staff, runners and healthy persons. Rheumatology, 2020, 59, 3237-3249.	0.9	13
59	Novel whole-body magnetic resonance imaging response and remission criteria document diminished inflammation during golimumab treatment in axial spondyloarthritis. Rheumatology, 2020, 59, 3358-3368.	0.9	13
60	Development and Validation of Web-based Training Modules for Systematic Evaluation of Active Inflammatory Lesions in the Spine and Sacroiliac Joints in Spondyloarthritis. Journal of rheumatology Supplement, The, 2009, 84, 48-57.	2.2	12
61	Magnetic resonance imaging for diagnosing, monitoring and prognostication in psoriatic arthritis. Clinical and Experimental Rheumatology, 2015, 33, S66-9.	0.4	12
62	Do tender joints in active psoriatic arthritis reflect inflammation assessed by ultrasound and magnetic resonance imaging?. Rheumatology, 2022, 61, 723-733.	0.9	10
63	The FAt Spondyloarthritis Spine Score (FASSS): development and validation of a new scoring method for the evaluation of fat lesions in the spine of patients with axial spondyloarthritis. Arthritis Research and Therapy, 2013, 15, R216.	1.6	9
64	Validation of Definitions for Structural Lesions Detected by Magnetic Resonance Imaging in the Spine of Patients with Spondyloarthritis. Journal of rheumatology Supplement, The, 2009, 84, 39-47.	2.2	8
65	No diagnostic utility of antibody patterns against Klebsiella pneumoniae capsular serotypes in patients with axial spondyloarthritis vs. patients with non-specific low back pain: a cross-sectional study. Scandinavian Journal of Rheumatology, 2017, 46, 296-302.	0.6	8
66	Assessing the construct validity of clinical tests to identify sacroiliac joint inflammation in patients with nonâ€radiographic axial spondyloarthritis. International Journal of Rheumatic Diseases, 2019, 22, 1521-1528.	0.9	8
67	Peripheral Enthesitis Detected by Ultrasonography in Patients With Axial Spondyloarthritisâ€"Anatomical Distribution, Morphology, and Response to Tumor Necrosis Factor-Inhibitor Therapy. Frontiers in Medicine, 2020, 7, 341.	1.2	8
68	OMERACT Hip Inflammation Magnetic Resonance Imaging Scoring System (HIMRISS) Assessment in Longitudinal Study. Journal of Rheumatology, 2019, 46, 1239-1242.	1.0	7
69	Morphological characteristics of sacroiliac joint MRI lesions in axial spondyloarthritis and control subjects. Rheumatology, 2022, 61, 1005-1017.	0.9	7
70	Quantifying bone marrow inflammatory edema in the spine and sacroiliac joints with thresholding. BMC Musculoskeletal Disorders, 2017, 18, 497.	0.8	6
71	Development and Validation of 3 Preliminary MRI Sacroiliac Joint Composite Structural Damage Scores in a 5-year Longitudinal Axial Spondyloarthritis Study. Journal of Rheumatology, 2021, 48, 1537-1546.	1.0	6
72	Arthritis and enthesitis in the hip and pelvis region in spondyloarthritis - OMERACT validation of two whole-body MRI methods. Seminars in Arthritis and Rheumatism, 2021, 51, 940-945.	1.6	6

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73	Utility in Clinical Trials of Magnetic Resonance Imaging for Psoriatic Arthritis: A Report from the GRAPPA 2014 Annual Meeting. Journal of Rheumatology, 2015, 42, 1044-1047.	1.0	5
74	Testâ€“retest repeatability of the apparent diffusion coefficient in sacroiliac joint MRI in patients with axial spondyloarthritis and healthy individuals. Acta Radiologica Open, 2020, 9, 205846012090601.	0.3	5
75	Extracellular matrix protein turnover markers are associated with axial spondyloarthritisâ€”a comparison with postpartum women and other non-axial spondyloarthritis controls with or without back pain. Arthritis Research and Therapy, 2022, 24, .	1.6	5
76	The OMERACT Knee Inflammation MRI Scoring System: Validation of quantitative methodologies and tri-compartmental overlays in osteoarthritis. Seminars in Arthritis and Rheumatism, 2021, 51, 925-928.	1.6	4
77	Joint and entheseal inflammation in the knee region in spondyloarthritis - reliability and responsiveness of two OMERACT whole-body MRI scores. Seminars in Arthritis and Rheumatism, 2021, 51, 933-939.	1.6	4
78	Tapering of TNF inhibitors in axial spondyloarthritis in routine care â€” 2-year clinical and MRI outcomes and predictors of successful tapering. Rheumatology, 2021, , .	0.9	4
79	Recent Advances in Imaging of the Axial Skeleton in Spondyloarthritis for Diagnosis, Assessment of Treatment Effect, and Prognostication. Current Rheumatology Reports, 2015, 17, 60.	2.1	3
80	Scoring magnetic resonance imaging (MRI) inflammation and structural lesions in sacroiliac joints of patients with axial spondyloarthritis: assessment of all MRI slices of the cartilaginous compartment versus standardized six or five slices. Scandinavian Journal of Rheumatology, 2020, 49, 200-209.	0.6	2
81	Whole-Body Magnetic Resonance Imaging Assessment of Joint Inflammation in Rheumatoid Arthritisâ€”Agreement With Ultrasonography and Clinical Evaluation. Frontiers in Medicine, 2020, 7, 285.	1.2	2
82	Utility of magnetic resonance imaging in Crohn's associated sacroiliitis: A crossâ€sectional study. International Journal of Rheumatic Diseases, 2021, 24, 582-590.	0.9	2
83	Validation of assessment methods for the apparent diffusion coefficient in a clinical trial of axial spondyloarthritis patients treated with golimumab. European Journal of Radiology Open, 2020, 7, 100285.	0.7	2
84	Atlas of Magnetic Resonance Imaging Abnormalities in the Spine in Spondyloarthritis: Definitions, Reliability, Training, and Conceptual Framework. A Report from the Canada (SPARCC) - Denmark International Spondyloarthritis Working Group. Journal of rheumatology Supplement, The, 2009, 84, 1-2.	2.2	1
85	FRI0194â€…Is There an Association Between Spondyloarthritis and Antibodies Towards Borrelia, Ehrlichia and Chlamydia Species?. Annals of the Rheumatic Diseases, 2015, 74, 495.1-495.	0.5	1
86	OP0287â€…Ultrasonography-detected peripheral enthesitis in patients with axial spondyloarthritis â€“ anatomical distribution, morphology and response to anti-tnf therapy. , 2017, , .		1
87	AB1174â€…IS MONITORING SYNOVITIS IN THE HANDS BY ULTRASOUND ENOUGH TO ASSESS TREATMENT EFFECT IN PATIENTS WITH RA IN CLINICAL PRACTICE?. , 2019, , .		1
88	FRI0170â€…Consensus definitions for mri lesions in the sacroiliac joints of patients with axial spondyloarthritis: first analysis from the assessments in spondyloarthritis international society (ASAS) classification cohort. , 2018, , .		1
89	FRI0592â€…Scoring mri inflammation and structural lesions in sacroiliac joints of patients with axial spondyloarthritis: is inter-reader reliability dependent on the number of mri slices?. , 2018, , .		1
90	THU0276â€…Mri lesion definitions in axial spondyloarthritis: a consensus reappraisal from the assessments in spondyloarthritis international society (ASAS). , 2018, , .		1

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91	FRI0597â€…Validation of web-based calibration modules for imaging scoring systems based on principles of artificial intelligence: the sparcc mri sacroiliac joint inflammation score. , 2018, , .		1
92	OP0249â€…The contribution of structural mri lesions to detection of sacroiliitis in patients in the assessments in spondyloarthritis international society (ASAS) classification cohort. , 2018, , .		1
93	AB0946â€…Anti-TNF treated psoriatic arthritis: Course of composite disease activity measures and clinical core domains:. Annals of the Rheumatic Diseases, 2013, 71, 692.16-692.	0.5	0
94	SAT0417â€…Evolution of MRI Inflammation and Structural Lesions on Serial Scans over 5 Years in Patients with Ankylosing Spondylitis Treated with Tumor-Necrosis-Factor-Alpha Inhibitors: Table 1.. Annals of the Rheumatic Diseases, 2016, 75, 821.1-821.	0.5	0
95	THU0366â€…MAGNETIC RESONANCE IMAGING IN COMPARISON WITH CONVENTIONAL RADIOGRAPHY FOR DETECTION OF STRUCTURAL CHANGES TYPICAL FOR SPA â€“ DATA FROM THE ASSESSMENT OF SPONDYLOARTHRITIS INTERNATIONAL SOCIETY (ASAS) COHORT. , 2019, , .		0
96	High versus standard magnetic resonance image resolution of the cervical spine in patients with axial spondyloarthritis. Acta Radiologica, 2020, 61, 471-479.	0.5	0
97	Diffusion-weighted MR imaging in chronic non-bacterial osteitis: Proof-of-concept of the apparent diffusion coefficient as an outcome measure. Acta Radiologica Open, 2021, 10, 205846012110444.	0.3	0
98	SAT0671â€…Initial development of a whole-body magnetic resonance imaging inflammation index for active disease of peripheral joints and entheses in patients with inflammatory arthritis. , 2018, , .		0
99	FRI0169â€…First validation of consensus definitions for mri lesions in the sacroiliac joint by the assessments in spondyloarthritis international society (ASAS) mri group. , 2018, , .		0
100	AB1175â€…Development and preliminary validation of an omeract mri enthesitis scoring system for the ankle in spondyloarthritis. , 2018, , .		0
101	Repeatability and reproducibility of MRI apparent diffusion coefficient applied on four different regions of interest for patients with axial spondyloarthritis and healthy volunteers scanned twice within a week. BJR | Open, 2020, 2, 20200004.	0.4	0