David Simon

List of Publications by Year
in descending order

84 papers	2,730 citations	186265 28 h-index	214800 47 g-index
95 all docs	95 docs citations	95 times ranked	3788 citing authors

#	Article	IF	Citations
1	Locally renewing resident synovial macrophages provide a protective barrier for the joint. Nature, 2019, 572, 670-675.	27.8	345
2	Methotrexate hampers immunogenicity to BNT162b2 mRNA COVID-19 vaccine in immune-mediated inflammatory disease. Annals of the Rheumatic Diseases, 2021, 80, 1339-1344.	0.9	202
3	SARS-CoV-2 vaccination responses in untreated, conventionally treated and anticytokine-treated patients with immune-mediated inflammatory diseases. Annals of the Rheumatic Diseases, 2021, 80, 1312-1316.	0.9	154
4	COVID-19 revisiting inflammatory pathways of arthritis. Nature Reviews Rheumatology, 2020, 16, 465-470.	8.0	149
5	German Mobile Apps in Rheumatology: Review and Analysis Using the Mobile Application Rating Scale (MARS). JMIR MHealth and UHealth, 2019, 7, e14991.	3.7	134
6	Mobile Health Usage, Preferences, Barriers, and eHealth Literacy in Rheumatology: Patient Survey Study. JMIR MHealth and UHealth, 2020, 8, e19661.	3.7	121
7	Subclinical joint inflammation in patients with psoriasis without concomitant psoriatic arthritis: a cross-sectional and longitudinal analysis. Annals of the Rheumatic Diseases, 2016, 75, 2068-2074.	0.9	86
8	Patients with immune-mediated inflammatory diseases receiving cytokine inhibitors have low prevalence of SARS-CoV-2 seroconversion. Nature Communications, 2020, 11, 3774.	12.8	78
9	COVID-19 and immune-mediated inflammatory diseases: effect of disease and treatment on COVID-19 outcomes and vaccine responses. Lancet Rheumatology, The, 2021, 3, e724-e736.	3.9	76
10	Cutting Edge: Homeostasis of Innate Lymphoid Cells Is Imbalanced in Psoriatic Arthritis. Journal of Immunology, 2018, 200, 1249-1254.	0.8	74
11	Disease interception with interleukin-17 inhibition in high-risk psoriasis patients with subclinical joint inflammationâ€"data from the prospective IVEPSA study. Arthritis Research and Therapy, 2019, 21, 178.	3.5	67
12	Analysis of periarticular bone changes in patients with cutaneous psoriasis without associated psoriatic arthritis. Annals of the Rheumatic Diseases, 2016, 75, 660-666.	0.9	62
13	Resolution of synovitis and arrest of catabolic and anabolic bone changes in patients with psoriatic arthritis by IL-17A blockade with secukinumab: results from the prospective PSARTROS study. Arthritis Research and Therapy, 2018, 20, 153.	3.5	60
14	Quantitative and Qualitative Changes of Bone in Psoriasis and Psoriatic Arthritis Patients. Journal of Bone and Mineral Research, 2015, 30, 1775-1783.	2.8	58
15	Humoral and Cellular Immune Responses to SARSâ€“CoVâ€2 Infection and Vaccination in Autoimmune Disease Patients With B Cell Depletion. Arthritis and Rheumatology, 2022, 74, 33-37.	5.6	51
16	Quantification and Impact of Secondary Osteoarthritis in Patients With Antiâ€“Citrullinated Protein Antibodyâ€“Positive Rheumatoid Arthritis. Arthritis and Rheumatology, 2016, 68, 2114-2121.	5.6	45
17	A set of serum markers detecting systemic inflammation in psoriatic skin, entheseal, and joint disease in the absence of C-reactive protein and its link to clinical disease manifestations. Arthritis Research and Therapy, 2020, 22, 26.	3.5	45
18	High prevalence of tenosynovial inflammation before onset of rheumatoid arthritis and its link to progression to RAâ€"A combined MRI/CT study. Seminars in Arthritis and Rheumatism, 2016, 46, 143-150.	3.4	43

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19	Association of Structural Entheseal Lesions With an Increased Risk of Progression From Psoriasis to Psoriatic Arthritis. Arthritis and Rheumatology, 2022, 74, 253-262.	5.6	40
20	Accuracy, patient-perceived usability, and acceptance of two symptom checkers (Ada and Rheport) in rheumatology: interim results from a randomized controlled crossover trial. Arthritis Research and Therapy, 2021, 23, 112.	3.5	40
21	Efficacy and safety of SARS-CoV-2 revaccination in non-responders with immune-mediated inflammatory disease. Annals of the Rheumatic Diseases, 2022, 81, 1023-1027.	0.9	40
22	Reactive arthritis and cutaneous vasculitis after SARS-CoV-2 infection. Rheumatology, 2021, 60, 479-480.	1.9	39
23	Early Changes of the Cortical Microâ€Channel System in the Bare Area of the Joints of Patients With Rheumatoid Arthritis. Arthritis and Rheumatology, 2017, 69, 1580-1587.	5.6	35
24	Age- and Sex-Dependent Changes of Intra-articular Cortical and Trabecular Bone Structure and the Effects of Rheumatoid Arthritis. Journal of Bone and Mineral Research, 2017, 32, 722-730.	2.8	35
25	Simultaneous quantification of bone erosions and enthesiophytes in the joints of patients with psoriasis or psoriatic arthritis - effects of age and disease duration. Arthritis Research and Therapy, 2018, 20, 203.	3.5	35
26	Effects of Conventional Uric Acidâ€“Lowering Therapy on Monosodium Urate Crystal Deposits. Arthritis and Rheumatology, 2020, 72, 150-156.	5.6	33
27	Methods for segmentation of rheumatoid arthritis bone erosions in high-resolution peripheral quantitative computed tomography (HR-pQCT). Seminars in Arthritis and Rheumatism, 2018, 47, 611-618.	3.4	32
28	Effect of disease-modifying anti-rheumatic drugs on bone structure and strength in psoriatic arthritis patients. Arthritis Research and Therapy, 2019, 21, 162.	3.5	32
29	Biomechanical properties of bone are impaired in patients with ACPA-positive rheumatoid arthritis and associated with the occurrence of fractures. Annals of the Rheumatic Diseases, 2018, 77, 973-980.	0.9	31
30	Advanced machine learning for predicting individual risk of flares in rheumatoid arthritis patients tapering biologic drugs. Arthritis Research and Therapy, 2021, 23, 67.	3.5	29
31	Machine Learning Electronic Health Record Identification of Patients with Rheumatoid Arthritis: Algorithm Pipeline Development and Validation Study. JMIR Medical Informatics, 2020, 8, e23930.	2.6	29
32	High-resolution Quantitative Computed Tomography Demonstrates Structural Defects in Cortical and Trabecular Bone in IBD Patients. Journal of Crohn's and Colitis, 2016, 10, 532-540.	1.3	28
33	A comparative analysis of articular bone in large cohort of patients with chronic inflammatory diseases of the joints, the gut and the skin. Bone, 2018, 116, 87-93.	2.9	28
34	Precision of handheld multispectral optoacoustic tomography for muscle imaging. Photoacoustics, 2021, 21, 100220.	7.8	25
35	Quantitative T2 Mapping Shows Increased Degeneration in Adjacent Intervertebral Discs Following Kyphoplasty. Cartilage, 2020, 11, 152-159.	2.7	22
36	Cortical bone loss is an early feature of nonradiographic axial spondyloarthritis. Arthritis Research and Therapy, 2018, 20, 202.	3.5	20

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37	Quality of a Supporting Mobile App for Rheumatic Patients: Patient-Based Assessment Using the User Version of the Mobile Application Scale (uMARS). Frontiers in Medicine, 2021, 8, 715345.	2.6	18
38	Patient's Perception of Digital Symptom Assessment Technologies in Rheumatology: Results From a Multicentre Study. Frontiers in Public Health, 2022, 10, 844669.	2.7	17
39	Characterization of Serum and Mucosal SARS-CoV-2-Antibodies in HIV-1-Infected Subjects after BNT162b2 mRNA Vaccination or SARS-CoV-2 Infection. Viruses, 2022, 14, 651.	3.3	17
40	Advanced neural networks for classification of MRI in psoriatic arthritis, seronegative, and seropositive rheumatoid arthritis. Rheumatology, 2022, 61, 4945-4951.	1.9	14
41	The ageing joint-standard age- and sex-related values of bone erosions and osteophytes in the hand joints of healthy individuals. Osteoarthritis and Cartilage, 2019, 27, 1043-1047.	1.3	13
42	Bone Mass, Bone Microstructure and Biomechanics in Patients with Hand Osteoarthritis. Journal of Bone and Mineral Research, 2020, 35, 1695-1702.	2.8	13
43	Microstructural Bone Changes Are Associated With <scp>Broadâ€Spectrum</scp> Autoimmunity and Predict the Onset of Rheumatoid Arthritis. Arthritis and Rheumatology, 2022, 74, 418-426.	5.6	13
44	T2 Mapping as a New Method for Quantitative Assessment of Cartilage Damage in Rheumatoid Arthritis. Journal of Rheumatology, 2020, 47, 820-825.	2.0	12
45	Comprehensive assessment of knee joint synovitis at 7â€‰T MRI using contrast-enhanced and non-enhanced sequences. BMC Musculoskeletal Disorders, 2020, 21, 116.	1.9	12
46	Performance of a Handheld Ultrasound Device to Assess Articular and Periarticular Pathologies in Patients with Inflammatory Arthritis. Diagnostics, 2021, 11, 1139.	2.6	11
47	Correspondence on â€˜Immunogenicity and safety of anti-SARS-CoV-2 mRNA vaccines in patients with chronic inflammatory conditions and immunosuppressive therapy in a monocentric cohortâ€™. Annals of the Rheumatic Diseases, 2021, 80, e161-e161.	0.9	11
48	Regions at Risk in the Knee Joint of Young Professional Soccer Players: Longitudinal Evaluation of Early Cartilage Degeneration by Quantitative T2 Mapping in 3 T MRI. Cartilage, 2021, 13, 595S-603S.	2.7	10
49	TELERAâ€”Asynchronous TELEmedicine for Patients With Rheumatoid Arthritis: Study Protocol for a Prospective, Multi-Center, Randomized Controlled Trial. Frontiers in Medicine, 2021, 8, 791715.	2.6	10
50	Similar Impact of Psoriatic Arthritis and Rheumatoid Arthritis on Objective and Subjective Parameters of Hand Function. ACR Open Rheumatology, 2020, 2, 734-740.	2.1	9
51	Deep learning methods allow fully automated segmentation of metacarpal bones to quantify volumetric bone mineral density. Scientific Reports, 2021, 11, 9697.	3.3	9
52	Impact of Cytokine Inhibitor Therapy on the Prevalence, Seroconversion Rate, and Longevity of the Humoral Immune Response Against <scp>SARS</scp>â€“<scp>CoV</scp>â€‰2 in an Unvaccinated Cohort. Arthritis and Rheumatology, 2022, 74, 783-790.	5.6	9
53	Biomechanical stress in the context of competitive sports training triggers enthesitis. Arthritis Research and Therapy, 2021, 23, 172.	3.5	8
54	Sequential interleukin-17/interleukin-23 inhibition in treatment-refractory psoriatic arthritis. Annals of the Rheumatic Diseases, 2022, 81, 1334-1336.	0.9	8

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55	A Virtual Realityâ€“Based App to Educate Health Care Professionals and Medical Students About Inflammatory Arthritis: Feasibility Study. JMIR Serious Games, 2021, 9, e23835.	3.1	7
56	Analyses of association of psoriatic arthritis and psoriasis vulgaris with functional NCF1 variants. Rheumatology, 2019, 58, 915-917.	1.9	6
57	Digital Approaches for a Reliable Early Diagnosis of Psoriatic Arthritis. Frontiers in Medicine, 2021, 8, 718922.	2.6	6
58	Reduced Muscle Strength Is Associated With Insulin Resistance in Type 2 Diabetes Patients With Osteoarthritis. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1062-e1073.	3.6	6
59	Concise report: a minimal-invasive method to retrieve and identify entheseal tissue from psoriatic arthritis patients. Annals of the Rheumatic Diseases, 2022, 81, 1131-1135.	0.9	6
60	Non-invasive metabolic profiling of inflammation in joints and entheses by multispectral optoacoustic tomography. Rheumatology, 2023, 62, 841-849.	1.9	6
61	A Detailed Analysis of the Association between Urate Deposition and Erosions and Osteophytes in Gout. ACR Open Rheumatology, 2020, 2, 565-572.	2.1	5
62	Rheumatic?â€"A Digital Diagnostic Decision Support Tool for Individuals Suspecting Rheumatic Diseases: A Multicenter Pilot Validation Study. Frontiers in Medicine, 2022, 9, 774945.	2.6	5
63	Development of Joint Erosions in the Preclinical Phase of Rheumatoid Arthritis Depicted by Cinematic Rendering. Arthritis and Rheumatology, 2019, 71, 1592-1592.	5.6	4
64	SAT0399â€…EFFECT OF DISEASE-MODIFYING ANTI-RHEUMATIC DRUGS ON BONE STRUCTURE AND STRENGTH IN PSORIATIC ARTHRITIS PATIENTS. , 2019, , .		3
65	Genetic Analysis of MPO Variants in Four Psoriasis Subtypes in Patients from Germany. Journal of Investigative Dermatology, 2021, 141, 2079-2083.	0.7	3
66	Vedolizumab-associated enthesitis: correlation or causality?. Rheumatology, 2021, 60, 5491-5492.	1.9	2
67	Effects of casirivimab/imdevimab on systemic and mucosal immunity against SARS-CoV-2 in B-cell depleted patients with autoimmune rheumatic diseases refractory to vaccination. RMD Open, 2022, 8, e002323.	3.8	2
68	Concepts of Entheseal Pain. Arthritis and Rheumatology, 2023, 75, 493-498.	5.6	2
69	OP0117â€…MICRO-STRUCTURAL CHANGES ASSOCIATED WITH ANTI-CITRULLINATED VIMENTIN AUTOIMMUNITY IN RA-AT-RISK INDIVIDUALS PRECIPITATE THE ONSET OF RHEUMATOID ARTHRITIS. , 2019, , .		1
70	AB1325â€…HAND FUNCTION IS IMPAIRED IN PATIENTS WITH RHEUMATOID ARTHRITIS, PSORIATIC ARTHRITIS, AND PSORIASIS COMPARED TO HEALTHY CONTROLS. , 2019, , .		1
71	Secukinumab leads to shifts from stage-based towards response-based disease clustersâ€"comparative data from very early and established psoriatic arthritis. Arthritis Research and Therapy, 2020, 22, 207.	3.5	1
72	Quantification of hand muscle volume and composition in patients with rheumatoid arthritis, psoriatic arthritis and psoriasis. BMC Musculoskeletal Disorders, 2020, 21, 203.	1.9	1

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73	Long-term treatment in rheumatoid arthritis: do biological and targeted-synthetic DMARDs increase the risk of malignancy?. Rheumatology, 2022, 61, 1758-1759.	1.9	1
74	Changes in T2 Relaxation Time Mapping of Intervertebral Discs Adjacent to Vertebrae after Kyphoplasty Correlate with the Physical Clinical Outcome of Patients. Diagnostics, 2022, 12, 605.	2.6	1
75	Reply to: Osteoporosis: An Independent Determinant of Bone Erosions in Rheumatoid Arthritis?. Journal of Bone and Mineral Research, 2017, 32, 2144-2144.	2.8	0
76	AB0795â€…IMPACT OF PRIMARY HAND OSTEOARTHRITIS ON MICROSTRUCTURE AND BIOMECHANICS IN FINGER JOINTS. , 2019, , .		0
77	AB0756â€…COMPARATIVE CHANGE IN QUALITY OF LIFE MEASURES IN PRECLINICAL AND ESTABLISHED PSORIATIC ARTHRITIS PATIENTSUNDER SECUKINUMAB TREATMENT. DATA DERIVED FROM THE PROSPECTIVE OPEN LABEL PSARTROS STUDY. , 2019, , .		0
78	THU0620â€…THE PHYSIOLOGICAL FINGER JOINT ARCHITECTURE â€“ AGE-RELATED INCREASE OF EROSIONS AND OSTEOPHYTES IN THE JOINTS OF HEALTHY INDIVIDUALS. , 2019, , .		0
79	SAT0413â€…SIZE MATTERS â€“ EXTENT OF MONOSODIUM URATE DEPOSITS BUT NOT SERUM URATE LEVEL PREDICTS COMPLETE RESOLUTION OF MONOSODIUM URATE CRYSTAL DEPOSITS IN PATIENTS WITH GOUT. , 2019, , .		0
80	OP0200â€…A SET OF INFLAMMATORY MARKERS ALLOWING TO DETECT SYSTEMIC INFLAMMATION IN PSORIATIC SKIN, ENTHESEAL AND JOINT DISEASE IN THE ABSENCE OF CRP AND THEIR LINK TO CLINICAL DISEASE MANIFESTATION. , 2019, , .		0
81	THU0612â€…KNEE JOINT PAIN IN AN ELDERLY, HEALTHY POPULATION IS ASSOCIATED WITH INFLAMMATORY ARTICULAR AND ENTHESEAL CHANGES DETECTED BY ULTRASOUND. , 2019, , .		0
82	Reply. Arthritis and Rheumatology, 2022, 74, 909-910.	5.6	0
83	Young-GRAPPA at the Annual GRAPPA Meeting: Presentation of a New Group Within GRAPPA and Its Vision. Journal of Rheumatology, 2022, , jrheum.211327.	2.0	0
84	2021 GRAPPA Trainee Symposium: A Summary of Oral and Poster Presentations. Journal of Rheumatology, 2022, , jrheum.211318.	2.0	0