

David Simon

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,730
citations

185998

28
h-index

214527

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. <i>Nature</i> , 2019, 572, 670-675.	13.7	345
2	Methotrexate hampers immunogenicity to BNT162b2 mRNA COVID-19 vaccine in immune-mediated inflammatory disease. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1339-1344.	0.5	202
3	SARS-CoV-2 vaccination responses in untreated, conventionally treated and anticytokine-treated patients with immune-mediated inflammatory diseases. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1312-1316.	0.5	154
4	COVID-19 revisiting inflammatory pathways of arthritis. <i>Nature Reviews Rheumatology</i> , 2020, 16, 465-470.	3.5	149
5	German Mobile Apps in Rheumatology: Review and Analysis Using the Mobile Application Rating Scale (MARS). <i>JMIR MHealth and UHealth</i> , 2019, 7, e14991.	1.8	134
6	Mobile Health Usage, Preferences, Barriers, and eHealth Literacy in Rheumatology: Patient Survey Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e19661.	1.8	121
7	Subclinical joint inflammation in patients with psoriasis without concomitant psoriatic arthritis: a cross-sectional and longitudinal analysis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2068-2074.	0.5	86
8	Patients with immune-mediated inflammatory diseases receiving cytokine inhibitors have low prevalence of SARS-CoV-2 seroconversion. <i>Nature Communications</i> , 2020, 11, 3774.	5.8	78
9	COVID-19 and immune-mediated inflammatory diseases: effect of disease and treatment on COVID-19 outcomes and vaccine responses. <i>Lancet Rheumatology</i> , The, 2021, 3, e724-e736.	2.2	76
10	Cutting Edge: Homeostasis of Innate Lymphoid Cells Is Imbalanced in Psoriatic Arthritis. <i>Journal of Immunology</i> , 2018, 200, 1249-1254.	0.4	74
11	Disease interception with interleukin-17 inhibition in high-risk psoriasis patients with subclinical joint inflammation—data from the prospective IVEPSA study. <i>Arthritis Research and Therapy</i> , 2019, 21, 178.	1.6	67
12	Analysis of periarticular bone changes in patients with cutaneous psoriasis without associated psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 660-666.	0.5	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. <i>Arthritis Research and Therapy</i> , 2018, 20, 153.	1.6	60
14	Quantitative and Qualitative Changes of Bone in Psoriasis and Psoriatic Arthritis Patients. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1775-1783.	3.1	58
15	Humoral and Cellular Immune Responses to SARS-CoV-2 Infection and Vaccination in Autoimmune Disease Patients With B Cell Depletion. <i>Arthritis and Rheumatology</i> , 2022, 74, 33-37.	2.9	51
16	Quantification and Impact of Secondary Osteoarthritis in Patients With Anti-Citrullinated Protein Antibody-Positive Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 2114-2121.	2.9	45
17	A set of serum markers detecting systemic inflammation in psoriatic skin, enthesal, and joint disease in the absence of C-reactive protein and its link to clinical disease manifestations. <i>Arthritis Research and Therapy</i> , 2020, 22, 26.	1.6	45
18	High prevalence of tenosynovial inflammation before onset of rheumatoid arthritis and its link to progression to RA—a combined MRI/CT study. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 46, 143-150.	1.6	43

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19	Association of Structural Enteseal Lesions With an Increased Risk of Progression From Psoriasis to Psoriatic Arthritis. <i>Arthritis and Rheumatology</i> , 2022, 74, 253-262.	2.9	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. <i>Arthritis Research and Therapy</i> , 2021, 23, 112.	1.6	40
21	Efficacy and safety of SARS-CoV-2 revaccination in non-responders with immune-mediated inflammatory disease. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1023-1027.	0.5	40
22	Reactive arthritis and cutaneous vasculitis after SARS-CoV-2 infection. <i>Rheumatology</i> , 2021, 60, 479-480.	0.9	39
23	Early Changes of the Cortical Micro-Channel System in the Bare Area of the Joints of Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 1580-1587.	2.9	35
24	Age- and Sex-Dependent Changes of Intra-articular Cortical and Trabecular Bone Structure and the Effects of Rheumatoid Arthritis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 722-730.	3.1	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. <i>Arthritis Research and Therapy</i> , 2018, 20, 203.	1.6	35
26	Effects of Conventional Uric Acid-Lowering Therapy on Monosodium Urate Crystal Deposits. <i>Arthritis and Rheumatology</i> , 2020, 72, 150-156.	2.9	33
27	Methods for segmentation of rheumatoid arthritis bone erosions in high-resolution peripheral quantitative computed tomography (HR-pQCT). <i>Seminars in Arthritis and Rheumatism</i> , 2018, 47, 611-618.	1.6	32
28	Effect of disease-modifying anti-rheumatic drugs on bone structure and strength in psoriatic arthritis patients. <i>Arthritis Research and Therapy</i> , 2019, 21, 162.	1.6	32
29	Biomechanical properties of bone are impaired in patients with ACPA-positive rheumatoid arthritis and associated with the occurrence of fractures. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 973-980.	0.5	31
30	Advanced machine learning for predicting individual risk of flares in rheumatoid arthritis patients tapering biologic drugs. <i>Arthritis Research and Therapy</i> , 2021, 23, 67.	1.6	29
31	Machine Learning Electronic Health Record Identification of Patients with Rheumatoid Arthritis: Algorithm Pipeline Development and Validation Study. <i>JMIR Medical Informatics</i> , 2020, 8, e23930.	1.3	29
32	High-resolution Quantitative Computed Tomography Demonstrates Structural Defects in Cortical and Trabecular Bone in IBD Patients. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 532-540.	0.6	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. <i>Bone</i> , 2018, 116, 87-93.	1.4	28
34	Precision of handheld multispectral optoacoustic tomography for muscle imaging. <i>Photoacoustics</i> , 2021, 21, 100220.	4.4	25
35	Quantitative T2 Mapping Shows Increased Degeneration in Adjacent Intervertebral Discs Following Kyphoplasty. <i>Cartilage</i> , 2020, 11, 152-159.	1.4	22
36	Cortical bone loss is an early feature of nonradiographic axial spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 202.	1.6	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). <i>Frontiers in Medicine</i> , 2021, 8, 715345.	1.2	18
38	Patient's Perception of Digital Symptom Assessment Technologies in Rheumatology: Results From a Multicentre Study. <i>Frontiers in Public Health</i> , 2022, 10, 844669.	1.3	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. <i>Viruses</i> , 2022, 14, 651.	1.5	17
40	Advanced neural networks for classification of MRI in psoriatic arthritis, seronegative, and seropositive rheumatoid arthritis. <i>Rheumatology</i> , 2022, 61, 4945-4951.	0.9	14
41	The ageing joint-standard age- and sex-related values of bone erosions and osteophytes in the hand joints of healthy individuals. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1043-1047.	0.6	13
42	Bone Mass, Bone Microstructure and Biomechanics in Patients with Hand Osteoarthritis. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1695-1702.	3.1	13
43	Microstructural Bone Changes Are Associated With Broadâ€‘Spectrum Autoimmunity and Predict the Onset of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2022, 74, 418-426.	2.9	13
44	T2 Mapping as a New Method for Quantitative Assessment of Cartilage Damage in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2020, 47, 820-825.	1.0	12
45	Comprehensive assessment of knee joint synovitis at 7â€‘T MRI using contrast-enhanced and non-enhanced sequences. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 116.	0.8	12
46	Performance of a Handheld Ultrasound Device to Assess Articular and Periarticular Pathologies in Patients with Inflammatory Arthritis. <i>Diagnostics</i> , 2021, 11, 1139.	1.3	11
47	Correspondence on Immunogenicity and safety of anti-SARS-CoV-2 mRNA vaccines in patients with chronic inflammatory conditions and immunosuppressive therapy in a monocentric cohortâ€‘. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, e161-e161.	0.5	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. <i>Cartilage</i> , 2021, 13, 595S-603S.	1.4	10
49	TELERAâ€‘Asynchronous TELEmedicine for Patients With Rheumatoid Arthritis: Study Protocol for a Prospective, Multi-Center, Randomized Controlled Trial. <i>Frontiers in Medicine</i> , 2021, 8, 791715.	1.2	10
50	Similar Impact of Psoriatic Arthritis and Rheumatoid Arthritis on Objective and Subjective Parameters of Hand Function. <i>ACR Open Rheumatology</i> , 2020, 2, 734-740.	0.9	9
51	Deep learning methods allow fully automated segmentation of metacarpal bones to quantify volumetric bone mineral density. <i>Scientific Reports</i> , 2021, 11, 9697.	1.6	9
52	Impact of Cytokine Inhibitor Therapy on the Prevalence, Seroconversion Rate, and Longevity of the Humoral Immune Response Against SARS-CoV-2 in an Unvaccinated Cohort. <i>Arthritis and Rheumatology</i> , 2022, 74, 783-790.	2.9	9
53	Biomechanical stress in the context of competitive sports training triggers enthesitis. <i>Arthritis Research and Therapy</i> , 2021, 23, 172.	1.6	8
54	Sequential interleukin-17/interleukin-23 inhibition in treatment-refractory psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1334-1336.	0.5	8

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55	A Virtual Reality-Based App to Educate Health Care Professionals and Medical Students About Inflammatory Arthritis: Feasibility Study. JMIR Serious Games, 2021, 9, e23835.	1.7	7
56	Analyses of association of psoriatic arthritis and psoriasis vulgaris with functional NCF1 variants. Rheumatology, 2019, 58, 915-917.	0.9	6
57	Digital Approaches for a Reliable Early Diagnosis of Psoriatic Arthritis. Frontiers in Medicine, 2021, 8, 718922.	1.2	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.	1.8	6
59	Concise report: a minimal-invasive method to retrieve and identify enthesal tissue from psoriatic arthritis patients. Annals of the Rheumatic Diseases, 2022, 81, 1131-1135.	0.5	6
60	Non-invasive metabolic profiling of inflammation in joints and entheses by multispectral optoacoustic tomography. Rheumatology, 2023, 62, 841-849.	0.9	6
61	A Detailed Analysis of the Association between Urate Deposition and Erosions and Osteophytes in Gout. ACR Open Rheumatology, 2020, 2, 565-572.	0.9	5
62	Rheumatic? A Digital Diagnostic Decision Support Tool for Individuals Suspecting Rheumatic Diseases: A Multicenter Pilot Validation Study. Frontiers in Medicine, 2022, 9, 774945.	1.2	5
63	Development of Joint Erosions in the Preclinical Phase of Rheumatoid Arthritis Depicted by Cinematic Rendering. Arthritis and Rheumatology, 2019, 71, 1592-1592.	2.9	4
64	SAT0399...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.	0.3	3
66	Vedolizumab-associated enthesitis: correlation or causality?. Rheumatology, 2021, 60, 5491-5492.	0.9	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.	1.8	2
68	Concepts of Enthesal Pain. Arthritis and Rheumatology, 2023, 75, 493-498.	2.9	2
69	OP0117...MICRO-STRUCTURAL CHANGES ASSOCIATED WITH ANTI-CITRULLINATED VIMENTIN AUTOIMMUNITY IN RA-AT-RISK INDIVIDUALS PRECIPITATE THE ONSET OF RHEUMATOID ARTHRITIS. , 2019, , .		1
70	AB1325...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 clusters comparative data from very early and established psoriatic arthritis. Arthritis Research and Therapy, 2020, 22, 207.	1.6	1
72	Quantification of hand muscle volume and composition in patients with rheumatoid arthritis, psoriatic arthritis and psoriasis. BMC Musculoskeletal Disorders, 2020, 21, 203.	0.8	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.	0.9	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.	1.3	1
75	Reply to: Osteoporosis: An Independent Determinant of Bone Erosions in Rheumatoid Arthritis?. Journal of Bone and Mineral Research, 2017, 32, 2144-2144.	3.1	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 PATIENTS UNDER SECUKINUMAB TREATMENT. DATA DERIVED FROM THE PROSPECTIVE OPEN LABEL PSARTROS STUDY. , 2019, , .		0
78	THU0620â€¦THE PHYSIOLOGICAL FINGER JOINT ARCHITECTURE â€œ AGE-RELATED INCREASE OF EROSIONS AND OSTEOPHYTES IN THE JOINTS OF HEALTHY INDIVIDUALS. , 2019, , .		0
79	SAT0413â€¦SIZE MATTERS â€œ 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	OPO200â€¦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.	2.9	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.	1.0	0
84	2021 GRAPPA Trainee Symposium: A Summary of Oral and Poster Presentations. Journal of Rheumatology, 2022, , jrheum.211318.	1.0	0