

Marina Carotti

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

3,745
citations

136950

32
h-index

149698

56
g-index

115
all docs

115
docs citations

115
times ranked

4456
citing authors

#	ARTICLE	IF	CITATIONS
1	Health-related quality of life in older adults with symptomatic hip and knee osteoarthritis: a comparison with matched healthy controls. <i>Aging Clinical and Experimental Research</i> , 2005, 17, 255-263.	2.9	284
2	The health-related quality of life in rheumatoid arthritis, ankylosing spondylitis, and psoriatic arthritis: a comparison with a selected sample of healthy people. <i>Health and Quality of Life Outcomes</i> , 2009, 7, 25.	2.4	277
3	Chest CT features of coronavirus disease 2019 (COVID-19) pneumonia: key points for radiologists. <i>Radiologia Medica</i> , 2020, 125, 636-646.	7.7	165
4	Health-related quality of life in patients with hip or knee osteoarthritis: comparison of generic and disease-specific instruments. <i>Clinical Rheumatology</i> , 2005, 24, 29-37.	2.2	134
5	Power Doppler sonography in the assessment of synovial tissue of the knee joint in rheumatoid arthritis: a preliminary experience. <i>Annals of the Rheumatic Diseases</i> , 2002, 61, 877-882.	0.9	123
6	Fibromyalgia in patients with axial spondyloarthritis: epidemiological profile and effect on measures of disease activity. <i>Rheumatology International</i> , 2014, 34, 1103-1110.	3.0	99
7	Methotrexate-induced pneumonitis in patients with rheumatoid arthritis and psoriatic arthritis: Report of five cases and review of the literature. <i>Clinical Rheumatology</i> , 1997, 16, 296-304.	2.2	90
8	Grey scale and power Doppler sonographic changes induced by intra-articular steroid injection treatment. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 740-743.	0.9	90
9	Salivary gland ultrasound abnormalities in primary Sjögren's syndrome: consensual US-SG core items definition and reliability. <i>RMD Open</i> , 2017, 3, e000364.	3.8	87
10	The burden of prevalent fractures on health-related quality of life in postmenopausal women with osteoporosis: the IMOF study. <i>Journal of Rheumatology</i> , 2007, 34, 1551-60.	2.0	85
11	Dual-energy CT: theoretical principles and clinical applications. <i>Radiologia Medica</i> , 2019, 124, 1281-1295.	7.7	81
12	Utility of a simplified ultrasound assessment to assess interstitial pulmonary fibrosis in connective tissue disorders - preliminary results. <i>Arthritis Research and Therapy</i> , 2011, 13, R134.	3.5	78
13	Ultrasonography and Colour Doppler Sonography of Salivary Glands in Primary Sjögren's Syndrome. <i>Clinical Rheumatology</i> , 2001, 20, 213-219.	2.2	75
14	Disease Activity in Psoriatic Arthritis: Comparison of the Discriminative Capacity and Construct Validity of Six Composite Indices in a Real World. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	71
15	Percutaneous management of bone metastases: state of the art, interventional strategies and joint position statement of the Italian College of MSK Radiology (ICoMSKR) and the Italian College of Interventional Radiology (ICIR). <i>Radiologia Medica</i> , 2019, 124, 34-49.	7.7	67
16	Ultrasound in the Assessment of Pulmonary Fibrosis in Connective Tissue Disorders: Correlation with High-Resolution Computed Tomography. <i>Journal of Rheumatology</i> , 2012, 39, 1641-1647.	2.0	66
17	Ultrasound B-lines in the evaluation of interstitial lung disease in patients with systemic sclerosis. <i>Medicine (United States)</i> , 2018, 97, e0566.	1.0	65
18	The sources of pain in osteoarthritis: a pathophysiological review. <i>Reumatismo</i> , 2014, 66, 57-71.	0.9	62

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19	High-resolution computed tomography of the lung in patients with rheumatoid arthritis. <i>Medicine (United States)</i> , 2019, 98, e17088.	1.0	61
20	Ultrasound imaging in rheumatoid arthritis. <i>Radiologia Medica</i> , 2019, 124, 1087-1100.	7.7	59
21	Computer-Aided Tomographic Analysis of Interstitial Lung Disease (ILD) in Patients with Systemic Sclerosis (SSc). Correlation with Pulmonary Physiologic Tests and Patient-Centred Measures of Perceived Dyspnea and Functional Disability. <i>PLoS ONE</i> , 2016, 11, e0149240.	2.5	52
22	Interobserver reliability of ultrasonography in the assessment of cartilage damage in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1845-1848.	0.9	46
23	Prevalence of frailty and its associated factors in patients with rheumatoid arthritis: a cross-sectional analysis. <i>Clinical Rheumatology</i> , 2019, 38, 1823-1830.	2.2	46
24	Ultrasound Detection of Cartilage Calcification at Knee Level in Calcium Pyrophosphate Deposition Disease. <i>Arthritis Care and Research</i> , 2014, 66, 69-73.	3.4	43
25	Effectiveness of a telemonitoring intensive strategy in early rheumatoid arthritis: comparison with the conventional management approach. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 146.	1.9	43
26	Patient Acceptable Symptom State in Self-Report Questionnaires and Composite Clinical Disease Index for Assessing Rheumatoid Arthritis Activity: Identification of Cut-Off Points for Routine Care. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	40
27	Imaging of the sacroiliac joint involvement in seronegative spondylarthropathies. <i>Clinical Rheumatology</i> , 2009, 28, 1007-1019.	2.2	39
28	Adherence to Anti-Tumor Necrosis Factor Therapy Administered Subcutaneously and Associated Factors in Patients With Rheumatoid Arthritis. <i>Journal of Clinical Rheumatology</i> , 2015, 21, 419-425.	0.9	39
29	Relationship between magnetic resonance imaging findings, radiological grading, psychological distress and pain in patients with symptomatic knee osteoarthritis. <i>Radiologia Medica</i> , 2017, 122, 934-943.	7.7	38
30	Computer-Aided Quantification of Interstitial Lung Disease from High Resolution Computed Tomography Images in Systemic Sclerosis: Correlation with Visual Reader-Based Score and Physiologic Tests. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	37
31	Weight-bearing MRI of the knee: a review of advantages and limits. <i>Acta Biomedica</i> , 2018, 89, 78-88.	0.3	37
32	Colour Doppler ultrasonography evaluation of vascularization in the wrist and finger joints in rheumatoid arthritis patients and healthy subjects. <i>European Journal of Radiology</i> , 2012, 81, 1834-1838.	2.6	35
33	Traumatic fractures in adults: missed diagnosis on plain radiographs in the Emergency Department. <i>Acta Biomedica</i> , 2018, 89, 111-123.	0.3	35
34	The impact of different rheumatic diseases on health-related quality of life: a comparison with a selected sample of healthy individuals using SF-36 questionnaire, EQ-5D and SF-6D utility values. <i>Acta Biomedica</i> , 2019, 89, 541-557.	0.3	35
35	Responsiveness of Health Status Measures and Utility-based Methods in Patients with Rheumatoid Arthritis. <i>Clinical Rheumatology</i> , 2002, 21, 478-487.	2.2	34
36	Third-generation iterative reconstruction on a dual-source, high-pitch, low-dose chest CT protocol with tin filter for spectral shaping at 100 kV: a study on a small series of COVID-19 patients. <i>Radiologia Medica</i> , 2021, 126, 388-398.	7.7	34

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37	Relationship between time-integrated disease activity estimated by DAS28-CRP and radiographic progression of anatomical damage in patients with early rheumatoid arthritis. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 120.	1.9	32
38	Imaging modalities for identifying the origin of regional musculoskeletal pain. <i>Best Practice and Research in Clinical Rheumatology</i> , 2003, 17, 17-32.	3.3	31
39	Comparison between conventional and automated software-guided ultrasound assessment of bilateral common carotids intima-media thickness in patients with rheumatic diseases. <i>Clinical Rheumatology</i> , 2012, 31, 881-884.	2.2	31
40	Diagnostic value of major salivary gland ultrasonography in primary Sjögren's syndrome: the role of grey-scale and colour/power Doppler sonography. <i>Gland Surgery</i> , 2019, 8, S159-S167.	1.1	31
41	Is It the Time to Adopt Salivary Gland Ultrasonography as an Alternative Diagnostic Tool for the Classification of Patients With Sjögren's Syndrome? Comment on the Article by Cornec et al. <i>Arthritis and Rheumatism</i> , 2013, 65, 1950-1950.	6.7	30
42	The role of a chest computed tomography severity score in coronavirus disease 2019 pneumonia. <i>Medicine (United States)</i> , 2020, 99, e22433.	1.0	30
43	A retrospective study of the efficacy of JAK inhibitors or abatacept on rheumatoid arthritis-interstitial lung disease. <i>Inflammopharmacology</i> , 2022, 30, 705-712.	3.9	30
44	Ultrasonographic evaluation of joint damage in knee osteoarthritis: feature-specific comparisons with conventional radiography. <i>Rheumatology</i> , 2016, 55, 2040-2049.	1.9	28
45	Ultrasonography of the salivary glands: the role of grey-scale and colour/power Doppler. <i>Clinical and Experimental Rheumatology</i> , 2014, 32, S61-70.	0.8	27
46	Radiographic assessment of osteoarthritis: Analysis of disease progression. <i>Aging Clinical and Experimental Research</i> , 2003, 15, 391-404.	2.9	26
47	The Psoriatic Arthritis Impact of Disease 12-item questionnaire: equivalence, reliability, validity, and feasibility of the touch-screen administration versus the paper-and-pencil version. <i>Therapeutics and Clinical Risk Management</i> , 2016, 12, 631.	2.0	26
48	Salivary Gland Ultrasonography in Sjögren's Syndrome: A European Multicenter Reliability Exercise for the HarmonicSS Project. <i>Frontiers in Medicine</i> , 2020, 7, 581248.	2.6	26
49	Clinimetric properties of the ASAS health index in a cohort of Italian patients with axial spondyloarthritis. <i>Health and Quality of Life Outcomes</i> , 2016, 14, 78.	2.4	24
50	The subjective components of the Disease Activity Score 28-joints (DAS28) in rheumatoid arthritis patients and coexisting fibromyalgia. <i>Rheumatology International</i> , 2018, 38, 1911-1918.	3.0	23
51	Radiographic scoring methods in rheumatoid arthritis and psoriatic arthritis. <i>Radiologia Medica</i> , 2019, 124, 1071-1086.	7.7	23
52	Utility of an open-source DICOM viewer software (OsiriX) to assess pulmonary fibrosis in systemic sclerosis: preliminary results. <i>Rheumatology International</i> , 2014, 34, 511-516.	3.0	22
53	Relationship between interstitial lung disease and oesophageal dilatation on chest high-resolution computed tomography in patients with systemic sclerosis: a cross-sectional study. <i>Radiologia Medica</i> , 2018, 123, 655-663.	7.7	22
54	The application of dual-energy computed tomography in the diagnosis of musculoskeletal disorders: a review of current concepts and applications. <i>Radiologia Medica</i> , 2019, 124, 1175-1183.	7.7	22

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55	Differentiation between infectious spondylodiscitis versus inflammatory or degenerative spinal changes: How can magnetic resonance imaging help the clinician?. <i>Radiologia Medica</i> , 2021, 126, 843-859.	7.7	21
56	A validation study of the Simple Psoriatic Arthritis Screening (SiPAS) questionnaire to screen psoriasis patients for psoriatic arthritis. <i>Clinical and Experimental Rheumatology</i> , 2018, 36, 127-135.	0.8	20
57	Adherence to subcutaneous anti- $\text{TNF}\alpha$ agents in patients with rheumatoid arthritis is largely influenced by pain and skin sensations at the injection site. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 480-487.	1.9	19
58	Abatacept in rheumatoid arthritis-associated interstitial lung disease: short-term outcomes and predictors of progression. <i>Clinical Rheumatology</i> , 2021, 40, 4861-4867.	2.2	19
59	The Effect of Neuropathic Pain Symptoms on Remission in Patients with Early Rheumatoid Arthritis. <i>Current Rheumatology Reviews</i> , 2019, 15, 154-161.	0.8	18
60	Combination therapy with rituximab and mycophenolate mofetil in systemic sclerosis. A single-centre case series study. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 113, 142-145.	0.8	18
61	Prevalence and distribution of cartilage damage at the metacarpal head level in rheumatoid arthritis and osteoarthritis: an ultrasound study. <i>Rheumatology</i> , 2019, 58, 1206-1213.	1.9	17
62	Hip Involvement in Patients With Calcium Pyrophosphate Deposition Disease: Potential and Limits of Musculoskeletal Ultrasound. <i>Arthritis Care and Research</i> , 2019, 71, 1671-1677.	3.4	17
63	Clinical Value of Single Versus Composite Provocative Clinical Tests in the Assessment of Painful Shoulder. <i>Journal of Clinical Rheumatology</i> , 2010, 16, 105-108.	0.9	16
64	Magnetic resonance imaging of the craniovertebral junction in early rheumatoid arthritis. <i>Skeletal Radiology</i> , 2019, 48, 553-561.	2.0	16
65	Frailty prevalence according to the Survey of Health, Ageing and Retirement in Europe-Frailty Instrument (SHARE-FI) definition, and its variables associated, in patients with symptomatic knee osteoarthritis: findings from a cross-sectional study. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1519-1527.	2.9	16
66	High Incidence of Parvovirus B19 DNA in Synovial Tissue of Patients with Undifferentiated Mono- and Oligoarthritis. <i>Clinical Rheumatology</i> , 2000, 19, 281.	2.2	15
67	The Comprehensive Rheumatologic Assessment of Frailty (CRAF): development and validation of a multidimensional frailty screening tool in patients with rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2020, 38, 488-499.	0.8	15
68	Validity of a computer-assisted manual segmentation software to quantify wrist erosion volume using computed tomography scans in rheumatoid arthritis. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 265.	1.9	14
69	Construct validity and responsiveness of the simplified version of Ankylosing Spondylitis Disease Activity Score (SASDAS) for the evaluation of disease activity in axial spondyloarthritis. <i>Health and Quality of Life Outcomes</i> , 2014, 12, 129.	2.4	14
70	Imaging findings of sacroiliac joints in spondyloarthropathies and other rheumatic conditions. <i>Radiologia Medica</i> , 2011, 116, 292-301.	7.7	13
71	Defining functioning categories in axial Spondyloarthritis: the role of the ASAS Health Index. <i>Rheumatology International</i> , 2017, 37, 713-718.	3.0	12
72	Validity and interpretability of the QuickDASH in the assessment of hand disability in rheumatoid arthritis. <i>Rheumatology International</i> , 2019, 39, 923-932.	3.0	12

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73	Radiological diagnosis of Coronavirus Disease 2019 (COVID-19): a Practical Guide. <i>Acta Biomedica</i> , 2020, 91, 51-59.	0.3	11
74	The comparative responsiveness of the patient self-report questionnaires and composite disease indices for assessing rheumatoid arthritis activity in routine care. <i>Clinical and Experimental Rheumatology</i> , 2012, 30, 912-21.	0.8	11
75	Diagnostic accuracy of musculoskeletal ultrasound and conventional radiography in the assessment of the wrist triangular fibrocartilage complex in patients with definite diagnosis of calcium pyrophosphate dihydrate deposition disease. <i>Clinical and Experimental Rheumatology</i> , 2017, 35, 647-652.	0.8	11
76	Doppler ultrasound imaging techniques for assessment of synovial inflammation. <i>Reports in Medical Imaging</i> , 0, , 83.	0.8	10
77	The Patient-Reported Outcomes Thermometerâ€“5-Item Scale (5T-PROs): Validation of a New Tool for the Quick Assessment of Overall Health Status in Painful Rheumatic Diseases. <i>Pain Research and Management</i> , 2018, 2018, 1-16.	1.8	10
78	Ultra-low-dose chest CT in adult patients with cystic fibrosis using a third-generation dual-source CT scanner. <i>Radiologia Medica</i> , 2021, 126, 544-552.	7.7	10
79	Clinical utility of eco-color-power Doppler ultrasonography and contrast enhanced magnetic resonance imaging for interpretation and quantification of joint synovitis: a review. <i>Acta Biomedica</i> , 2018, 89, 48-77.	0.3	10
80	The Expanded Risk Score in Rheumatoid Arthritis (ERS-RA): performance of a disease-specific calculator in comparison with the traditional prediction scores in the assessment of the 10-year risk of cardiovascular disease in patients with rheumatoid arthrit. <i>Swiss Medical Weekly</i> , 2018, 148, w14656.	1.6	10
81	Radiologist-rheumatologist multidisciplinary approach in the management of axial spondyloarthritis: a Delphi consensus statement. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 575-584.	0.8	10
82	Rasch Analysis of the 22 Knee Injury and Osteoarthritis Outcome Scoreâ€“Physical Function Items in Italian Patients With Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 480-487.	0.9	9
83	Preliminary validation of the Simplified Psoriatic Arthritis Radiographic Score (SPARS). <i>Skeletal Radiology</i> , 2019, 48, 1033-1041.	2.0	9
84	Ultrasound measurement of muscle thickness at the anterior thigh level in rheumatology setting: a reliability study.. <i>Clinical Rheumatology</i> , 2021, 40, 1055-1060.	2.2	9
85	Sonographic assessment of calcium pyrophosphate deposition disease at wrist. A focus on the dorsal scapho-lunate ligament. <i>Joint Bone Spine</i> , 2020, 87, 611-617.	1.6	8
86	Predicting Severe/Critical Outcomes in Patients With SARS-CoV2 Pneumonia: Development of the prediCtion severe/critical ouTcome in COVID-19 (CRITIC) Model. <i>Frontiers in Medicine</i> , 2021, 8, 695195.	2.6	8
87	Handgrip Strength Features in Rheumatoid Arthritis Patients Assessed Using an Innovative Cylindrical-Shaped Device: Relationships With Demographic, Anthropometric and Clinical Variables. <i>Journal of Medical Systems</i> , 2021, 45, 100.	3.6	8
88	Musculoskeletal imaging of the inflammatory and degenerative joints: current status and perspectives. <i>Radiologia Medica</i> , 2019, 124, 1067-1070.	7.7	6
89	Cranio-cervical junction involvement in musculoskeletal diseases: an area of close collaboration between rheumatologists and radiologists. <i>Radiologia Medica</i> , 2020, 125, 654-667.	7.7	6
90	Computed Tomography in Tophaceous Gout: Figure 1.. <i>Journal of Rheumatology</i> , 2010, 37, 1267-1268.	2.0	5

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91	Psychometric properties of self-administered Lequesne Algofunctional Indexes in patients with hip and knee osteoarthritis: an evaluation using classical test theory and Rasch analysis. <i>Clinical Rheumatology</i> , 2012, 31, 113-121.	2.2	5
92	Sural Nerve Size in Fibromyalgia Syndrome: Study on Variables Associated With Cross-Sectional Area. <i>Frontiers in Medicine</i> , 2020, 7, 360.	2.6	5
93	Frailty as a novel predictor of achieving comprehensive disease control (CDC) in rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2021, 40, 4869-4877.	2.2	5
94	Lung ultrasound in patients with rheumatoid arthritis: definition of significant interstitial lung disease. <i>Clinical and Experimental Rheumatology</i> , 2022, 40, 495-500.	0.8	5
95	An ultrasound automated method for non-invasive assessment of carotid artery pulse wave velocity. <i>Journal of Investigative Medicine</i> , 2018, 66, 973-979.	1.6	4
96	Computed tomography assessment of evolution of interstitial lung disease in systemic sclerosis: Comparison of two scoring systems. <i>European Journal of Internal Medicine</i> , 2020, 76, 71-75.	2.2	4
97	Diagnostic and interventional management of infective spine diseases. <i>Acta Biomedica</i> , 2020, 91, 125-135.	0.3	4
98	Diagnostic and interventional radiology fundamentals of synovial pathology. <i>Acta Biomedica</i> , 2020, 91, 107-115.	0.3	4
99	Early response to JAK inhibitors on central sensitization and pain catastrophizing in patients with active rheumatoid arthritis. <i>Inflammopharmacology</i> , 2022, 30, 1119-1128.	3.9	4
100	Predictive validity of the 5-item Compliance Questionnaire for Rheumatology (CQR5) in detecting poor adherence of patients with rheumatoid arthritis to biological medication. <i>Arthritis Research and Therapy</i> , 2020, 22, 227.	3.5	3
101	The role of imaging in surgical planning for liver resection: what the radiologist need to know. <i>Acta Biomedica</i> , 2020, 91, 18-26.	0.3	3
102	Advanced diagnostic imaging and intervention in tendon diseases. <i>Acta Biomedica</i> , 2020, 91, 98-106.	0.3	2
103	Dual-energy computed tomography for the detection of sacroiliac joints bone marrow oedema in patients with axial spondyloarthritis. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 1316-1323.	0.8	2
104	Palmar Fasciitis and Polyarthritis Syndrome Associated With Ovarian Cancer. <i>Journal of Clinical Rheumatology</i> , 2020, 26, e193-e196.	0.9	1
105	Clinical utility of Dual Energy Computed Tomography in gout: current concepts and applications. <i>Acta Biomedica</i> , 2020, 91, 116-124.	0.3	1
106	Development and validation of the Simple Fibromyalgia Screening questionnaire for improving the recognition of fibromyalgia in daily practice. <i>Clinical and Experimental Rheumatology</i> , 2020, 38 Suppl 123, 9-16.	0.8	1
107	Lung ultrasound in patients with rheumatoid arthritis: definition of significant interstitial lung disease. <i>Clinical and Experimental Rheumatology</i> , 2021, , .	0.8	1
108	Therapy Efficacy Evaluation in Synovitis. , 2022, , 233-248.		1

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109	Masses in right side of the heart: spectrum of imaging findings. <i>Acta Biomedica</i> , 2020, 91, 60-70.	0.3	0
110	Ultrasound measurement of muscle thickness at the proximal forearm in a rheumatologic setting. <i>Clinical and Experimental Rheumatology</i> , 2020, 38, 985-988.	0.8	0
111	The value of ultrasound and magnetic resonance imaging scoring systems in explaining handgrip strength and functional impairment in rheumatoid arthritis patients: a pilot study. <i>Radiologia Medica</i> , 2022, 127, 652-663.	7.7	0