

Geraldine M Mccarthy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121 papers	5,523 citations	36 h-index	72 g-index
131 ext. papers	6,477 ext. citations	4.3 avg, IF	5.21 L-index

#	Paper	IF	Citations
121	Dynamic platelet function: A novel biomarker in inflammatory arthritis?. <i>PLoS ONE</i> , 2022 , 17, e0261825	3.7	
120	Clinical pathways for the management of low back pain from primary to specialised care: a systematic review.. <i>European Spine Journal</i> , 2022 , 1	2.7	1
119	Calcium pyrophosphate deposition (CPPD) disease - Treatment options. <i>Best Practice and Research in Clinical Rheumatology</i> , 2021 , 101720	5.3	1
118	Identifying potential classification criteria for calcium pyrophosphate deposition disease (CPPD): Item generation and item reduction. <i>Arthritis Care and Research</i> , 2021 ,	4.7	5
117	Flare Rate Thresholds for Patient Assessment of Disease Activity States in Gout. <i>Journal of Rheumatology</i> , 2021 , 48, 293-298	4.1	5
116	Which factors predict discordance between a patient and physician on a gout flare?. <i>Rheumatology</i> , 2021 , 60, 773-779	3.9	2
115	Systematic genetic analysis of early-onset gout: ABCG2 is the only associated locus. <i>Rheumatology</i> , 2020 , 59, 2544-2549	3.9	16
114	Calcium crystals and auto-inflammation. <i>Rheumatology</i> , 2020 , 59, 247-248	3.9	0
113	The COVIRL002 Trial-Tocilizumab for management of severe, non-critical COVID-19 infection: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020 , 21, 758	2.8	7
112	Plasma levels of the soluble form of the FcR1a receptor vary with receptor polymorphisms and are elevated in rheumatoid arthritis. <i>Platelets</i> , 2020 , 31, 392-398	3.6	1
111	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) consensus statement regarding labels and definitions of disease states of gout. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1592-1600	2.4	45
110	Interleukin-6 does not upregulate pro-inflammatory cytokine expression in an model of giant cell arteritis. <i>Rheumatology Advances in Practice</i> , 2019 , 3, rkz011	1.1	3
109	Gout, Hyperuricemia, and Crystal-Associated Disease Network Consensus Statement Regarding Labels and Definitions for Disease Elements in Gout. <i>Arthritis Care and Research</i> , 2019 , 71, 427-434	4.7	39
108	Altered expression of the core circadian clock component PERIOD2 contributes to osteoarthritis-like changes in chondrocyte activity. <i>Chronobiology International</i> , 2019 , 36, 319-331	3.6	10
107	Basic Calcium Phosphate Crystals Induce Osteoarthritis-Associated Changes in Phenotype Markers in Primary Human Chondrocytes by a Calcium/Calmodulin Kinase 2-Dependent Mechanism. <i>Calcified Tissue International</i> , 2019 , 104, 331-343	3.9	3
106	Knee osteoarthritis and bisphosphonates: Could BCP crystals be the missing link?. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, e141	2.4	2
105	Performance characteristics and predictors of temporal artery ultrasound for the diagnosis of giant cell arteritis in routine clinical practice in a prospective cohort. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37 Suppl 117, 72-78	2.2	4

104	Calcium-Containing Crystals and Osteoarthritis: an Unhealthy Alliance. <i>Current Rheumatology Reports</i> , 2018 , 20, 13	4.9	15
103	Ustekinumab for refractory giant cell arteritis: A prospective 52-week trial. <i>Seminars in Arthritis and Rheumatism</i> , 2018 , 48, 523-528	5.3	39
102	Platelet activation, as measured by plasma soluble glycoprotein VI, is not associated with disease activity or ischaemic events in giant cell arteritis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1695-1697	2.4	
101	Increased platelet reactivity as measured by plasma glycoprotein VI in gout. <i>Platelets</i> , 2018 , 29, 821-826	3.6	6
100	Orthopaedic implant materials drive M1 macrophage polarization in a spleen tyrosine kinase- and mitogen-activated protein kinase-dependent manner. <i>Acta Biomaterialia</i> , 2018 , 65, 426-435	10.8	23
99	Interleukin 12 and interleukin 23 play key pathogenic roles in inflammatory and proliferative pathways in giant cell arteritis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1815-1824	2.4	20
98	Brief Report: Validation of a Definition of Flare in Patients With Established Gout. <i>Arthritis and Rheumatology</i> , 2018 , 70, 462-467	9.5	41
97	Calcium crystal deposition diseases - beyond gout. <i>Nature Reviews Rheumatology</i> , 2018 , 14, 592-602	8.1	58
96	Monosodium urate crystals reduce osteocyte viability and indirectly promote a shift in osteocyte function towards a proinflammatory and proresorptive state. <i>Arthritis Research and Therapy</i> , 2018 , 20, 208	5.7	16
95	Successful reconstruction of an ocular defect resulting from granulomatosis with polyangiitis, following treatment with rituximab. <i>American Journal of Ophthalmology Case Reports</i> , 2018 , 10, 240-243	1.3	2
94	EULAR revised recommendations for the management of fibromyalgia. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 318-328	2.4	483
93	Osteoarthritis-associated basic calcium phosphate crystals activate membrane proximal kinases in human innate immune cells. <i>Arthritis Research and Therapy</i> , 2017 , 19, 23	5.7	31
92	Brief Report: Genetic Variation of the α 1-Antitrypsin Gene Is Associated With Increased Autoantibody Production in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 1576-1579	9.5	10
91	Predictors of longitudinal change in bone mineral density in a cohort of HIV-positive and negative patients. <i>Aids</i> , 2017 , 31, 643-652	3.5	22
90	EULAR recommendations for management of fibromyalgia. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, e54	2.4	23
89	Lesson of the month 1: Septic arthritis with normal acute phase reactants and white cell count in a patient receiving tocilizumab. <i>Clinical Medicine</i> , 2017 , 17, 280-281	1.9	4
88	Soluble glycoprotein VI, a specific marker of platelet activation is increased in the plasma of subjects with seropositive rheumatoid arthritis. <i>PLoS ONE</i> , 2017 , 12, e0188027	3.7	13
87	Crystal arthritis: Crystallizing our ideas about gout and osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 698-699	8.1	1

86	Performance of Ultrasound in the Diagnosis of Gout in a Multicenter Study: Comparison With Monosodium Urate Monohydrate Crystal Analysis as the Gold Standard. <i>Arthritis and Rheumatology</i> , 2017 , 69, 429-438	9.5	66
85	Performance of classification criteria for gout in early and established disease. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 178-82	2.4	29
84	Sulfasalazine and its metabolites inhibit platelet function in patients with inflammatory arthritis. <i>Clinical Rheumatology</i> , 2016 , 35, 447-55	3.9	14
83	Diagnostic Arthrocentesis for Suspicion of Gout Is Safe and Well Tolerated. <i>Journal of Rheumatology</i> , 2016 , 43, 150-3	4.1	19
82	Basic calcium phosphate crystals and osteoarthritis pathogenesis: novel pathways and potential targets. <i>Current Opinion in Rheumatology</i> , 2016 , 28, 122-6	5.3	29
81	Development of Preliminary Remission Criteria for Gout Using Delphi and 1000Minds Consensus Exercises. <i>Arthritis Care and Research</i> , 2016 , 68, 667-72	4.7	37
80	Survey Definitions of Gout for Epidemiologic Studies: Comparison With Crystal Identification as the Gold Standard. <i>Arthritis Care and Research</i> , 2016 , 68, 1894-1898	4.7	22
79	Ustekinumab for the treatment of refractory giant cell arteritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1578-9	2.4	53
78	Intra-articular basic calcium phosphate and monosodium urate crystals inhibit anti-osteoclastogenic cytokine signalling. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 2141-2152	6.2	18
77	Study for Updated Gout Classification Criteria: Identification of Features to Classify Gout. <i>Arthritis Care and Research</i> , 2015 , 67, 1304-1315	4.7	62
76	Regulation of Inflammation and Angiogenesis in Giant Cell Arteritis by Acute-Phase Serum Amyloid A. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2447-56	9.5	43
75	Colchicine: New Insights to an Old Drug. <i>American Journal of Therapeutics</i> , 2015 , 22, e151-7	1	23
74	Migrating Polyarthritis as a Feature of Occult Malignancy: 2 Case Reports and a Review of the Literature. <i>Case Reports in Oncological Medicine</i> , 2015 , 2015, 934039	0.9	4
73	Basic calcium phosphate crystal deposition disease 2015 , 1596-1603		1
72	Predictors of short-term outcome to exercise and manual therapy for people with hip osteoarthritis. <i>Physical Therapy</i> , 2014 , 94, 31-9	3.3	16
71	The structural consequences of calcium crystal deposition. <i>Rheumatic Disease Clinics of North America</i> , 2014 , 40, 311-28	2.4	12
70	Interactions between tenocytes and monosodium urate monohydrate crystals: implications for tendon involvement in gout. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1737-41	2.4	33
69	Plasma fibrinogen along with patient-reported outcome measures enhances management of polymyalgia rheumatica: a prospective study. <i>Journal of Rheumatology</i> , 2014 , 41, 931-7	4.1	7

68	Relative contribution of HIV infection, demographics and body mass index to bone mineral density. <i>Aids</i> , 2014 , 28, 2051-60	3.5	57
67	Exercise and manual physiotherapy arthritis research trial (EMPART) for osteoarthritis of the hip: a multicenter randomized controlled trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 302-14	3.8	68
66	Plasma fibrinogen is an accurate marker of disease activity in patients with polymyalgia rheumatica. <i>Rheumatology</i> , 2013 , 52, 465-71	3.9	8
65	A delphi exercise to identify characteristic features of gout - opinions from patients and physicians, the first stage in developing new classification criteria. <i>Journal of Rheumatology</i> , 2013 , 40, 498-505	4.1	22
64	Pathogenic role of basic calcium phosphate crystals in destructive arthropathies. <i>PLoS ONE</i> , 2013 , 8, e57352	3.7	66
63	Osteoarthritis-associated basic calcium phosphate crystals induce pro-inflammatory cytokines and damage-associated molecules via activation of Syk and PI3 kinase. <i>Clinical Immunology</i> , 2012 , 144, 228-38	3.8	36
62	Treatment and management of pseudogout: insights for the clinician. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012 , 4, 121-31	3.8	39
61	Basic Calcium Phosphate Crystal Arthropathy 2012 , 266-281		
60	Detection of basic calcium phosphate crystals in osteoarthritis. <i>Joint Bone Spine</i> , 2011 , 78, 358-63	2.9	32
59	DÉtection des cristaux de phosphate de calcium basique dans l'arthrose. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2011 , 78, 220-226	0.1	1
58	New approaches in the detection of calcium-containing microcrystals in synovial fluid. <i>Bioanalysis</i> , 2011 , 3, 1085-91	2.1	16
57	Osteoarthritis: 119. The Effectiveness of Exercise Therapy with and without Manual Therapy for Hip Osteoarthritis: A Multicentre Randomised Controlled Trial. <i>Rheumatology</i> , 2011 , 50, iii87-iii90	3.9	
56	Platelet hyper-reactivity in active inflammatory arthritis is unique to the adenosine diphosphate pathway: a novel finding and potential therapeutic target. <i>Rheumatology</i> , 2010 , 49, 240-5	3.9	28
55	Determination of calcium in synovial fluid samples as an aid to diagnosing osteoarthritis. <i>Bioanalysis</i> , 2010 , 2, 189-95	2.1	9
54	The meniscus, calcification and osteoarthritis: a pathologic team. <i>Arthritis Research and Therapy</i> , 2010 , 12, 116	5.7	17
53	Microsomal prostaglandin E2 synthase 1 expression in basic calcium phosphate crystal-stimulated fibroblasts: role of prostaglandin E2 and the EP4 receptor. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 686-92	6.2	9
52	Exercise and manual physiotherapy arthritis research trial (EMPART): a multicentre randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2009 , 10, 9	2.8	12
51	Point: Hydroxyapatite crystal deposition is intimately involved in the pathogenesis and progression of human osteoarthritis. <i>Current Rheumatology Reports</i> , 2009 , 11, 141-7	4.9	47

50	EULAR evidence-based recommendations for the management of fibromyalgia syndrome. <i>Annals of the Rheumatic Diseases</i> , 2008 , 67, 536-41	2.4	536
49	Detection of calcium phosphate crystals in the joint fluid of patients with osteoarthritis - analytical approaches and challenges. <i>Analyst, The</i> , 2008 , 133, 302-18	5	68
48	Effect of particle size on hydroxyapatite crystal-induced tumor necrosis factor alpha secretion by macrophages. <i>Atherosclerosis</i> , 2008 , 196, 98-105	3.1	72
47	Isolation of calcium phosphate crystals from complex biological fluids using bisphosphonate-modified superparamagnetic beads. <i>Chemical Communications</i> , 2008 , 2686-8	5.8	10
46	Calcium phosphate crystals induce cell death in human vascular smooth muscle cells: a potential mechanism in atherosclerotic plaque destabilization. <i>Circulation Research</i> , 2008 , 103, e28-34	15.7	240
45	Mechanism of basic calcium phosphate crystal-stimulated matrix metalloproteinase-13 expression by osteoarthritic synovial fibroblasts: inhibition by prostaglandin E2. <i>Annals of the Rheumatic Diseases</i> , 2008 , 67, 1773-9	2.4	14
44	Calcium Pyrophosphate Dihydrate, Hydroxyapatite, and Miscellaneous Crystals 2008 , 263-270		7
43	BCP crystals increase prostacyclin production and upregulate the prostacyclin receptor in OA synovial fibroblasts: potential effects on mPGES1 and MMP-13. <i>Osteoarthritis and Cartilage</i> , 2007 , 15, 414-20	6.2	19
42	EULAR evidence based recommendations for gout. Part I: Diagnosis. Report of a task force of the Standing Committee for International Clinical Studies Including Therapeutics (ESCISIT). <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 1301-11	2.4	441
41	EULAR evidence based recommendations for gout. Part II: Management. Report of a task force of the EULAR Standing Committee for International Clinical Studies Including Therapeutics (ESCISIT). <i>Annals of the Rheumatic Diseases</i> , 2006 , 65, 1312-24	2.4	805
40	Febuxostat: a safe and effective therapy for hyperuricemia and gout. <i>Future Rheumatology</i> , 2006 , 1, 303-309		
39	Basic calcium phosphate crystals: pathways to joint degeneration. <i>Current Opinion in Rheumatology</i> , 2006 , 18, 187-92	5.3	18
38	Proinflammatory activation of macrophages by basic calcium phosphate crystals via protein kinase C and MAP kinase pathways: a vicious cycle of inflammation and arterial calcification?. <i>Circulation Research</i> , 2005 , 96, 1248-56	15.7	386
37	Polymyalgia rheumatica as an unusual cause of pleural and pericardial effusion. <i>Journal of Clinical Rheumatology</i> , 2005 , 11, 59-60	1.1	10
36	Eicosanoids, osteoarthritis, and crystal deposition diseases. <i>Current Opinion in Rheumatology</i> , 2005 , 17, 346-50	5.3	20
35	Hydroxyapatite crystals and rotator cuff disorders: comment on the article by Gomoll et al. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3681; author reply 3681-3682		
34	Microcalcifications associated with breast cancer: an epiphenomenon or biologically significant feature of selected tumors?. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2005 , 10, 181-7	2.4	112
33	Basic calcium phosphate crystals as a unique therapeutic target in osteoarthritis. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 530-41	2.8	15

32	How crystals damage tissue. <i>Current Rheumatology Reports</i> , 2004 , 6, 228-34	4.9	10
31	Basic calcium phosphate crystal-induced prostaglandin E2 production in human fibroblasts: role of cyclooxygenase 1, cyclooxygenase 2, and interleukin-1beta. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1642-9		56
30	Basic calcium phosphate deposition in the joint: a potential therapeutic target in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2004 , 16, 273-8	5.3	5
29	Phosphocitrate inhibits calcium hydroxyapatite induced mitogenesis and upregulation of matrix metalloproteinase-1, interleukin-1beta and cyclooxygenase-2 mRNA in human breast cancer cell lines. <i>Breast Cancer Research and Treatment</i> , 2003 , 79, 253-63	4.4	36
28	Hydroxyapatite deposition disease of the joint. <i>Current Rheumatology Reports</i> , 2003 , 5, 215-21	4.9	32
27	A survey of nurses' assessment of peripheral intravenous catheters. <i>British Journal of Nursing</i> , 2002 , 11, 999-1000, 1002, 1004-6	0.7	7
26	Signaling mechanisms involved in crystal-induced tissue damage. <i>Current Opinion in Rheumatology</i> , 2002 , 14, 292-7	5.3	25
25	Hereditary hemochromatosis: a common, often unrecognized, genetic disease. <i>Cleveland Clinic Journal of Medicine</i> , 2002 , 69, 224-6, 229-30, 232-3 passim	2.8	7
24	Calcium hydroxyapatite promotes mitogenesis and matrix metalloproteinase expression in human breast cancer cell lines. <i>Molecular Carcinogenesis</i> , 2001 , 32, 111-7	5	74
23	Basic calcium phosphate crystals activate human osteoarthritic synovial fibroblasts and induce matrix metalloproteinase-13 (collagenase-3) in adult porcine articular chondrocytes. <i>Annals of the Rheumatic Diseases</i> , 2001 , 60, 399-406	2.4	56
22	Inflammatory microcrystals induce murine macrophage survival and DNA synthesis. <i>Arthritis Research</i> , 2001 , 3, 242-6		23
21	Crystals in arthritis: new age nonsense or novel therapeutic target?. <i>Annals of the Rheumatic Diseases</i> , 1999 , 58, 723	2.4	6
20	Cellular responses to whitlockite. <i>Calcified Tissue International</i> , 1999 , 65, 374-7	3.9	26
19	Crystal-induced inflammation and cartilage degradation. <i>Current Rheumatology Reports</i> , 1999 , 1, 101-6	4.9	6
18	Basic calcium phosphate crystal-induced collagenase production: role of intracellular crystal dissolution. <i>Osteoarthritis and Cartilage</i> , 1998 , 6, 205-13	6.2	36
17	Basic calcium phosphate crystals induce synthesis and secretion of 92 kDa gelatinase (gelatinase B/matrix metalloprotease 9) in human fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 1998 , 57, 56-60	2.4	20
16	Molecular mechanism of basic calcium phosphate crystal-induced activation of human fibroblasts. Role of nuclear factor kappaB, activator protein 1, and protein kinase c. <i>Journal of Biological Chemistry</i> , 1998 , 273, 35161-9	5.4	56
15	Calcium crystals and cartilage damage. <i>Current Opinion in Rheumatology</i> , 1996 , 8, 255-8	5.3	9

14	Analysis of synovial fluid T-cell repertoires by CDR3 size spectratyping reveals possible antigen and superantigen stimulation. <i>Annals of the New York Academy of Sciences</i> , 1995 , 756, 190-1	6.5	1
13	Treatment of pain due to fibromyalgia with topical capsaicin: A pilot study. <i>Seminars in Arthritis and Rheumatism</i> , 1994 , 23, 41-47	5.3	30
12	The role of cyclic-3',5'-adenosine monophosphate in prostaglandin-mediated inhibition of basic calcium phosphate crystal-induced mitogenesis and collagenase induction in cultured human fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1994 , 1226, 97-104	6.9	10
11	Misoprostol, a prostaglandin E1 analogue, inhibits basic calcium phosphate crystal-induced mitogenesis and collagenase accumulation in human fibroblasts. <i>Calcified Tissue International</i> , 1993 , 52, 434-7	3.9	10
10	Dietary fish oil and rheumatic diseases. <i>Seminars in Arthritis and Rheumatism</i> , 1992 , 21, 368-75	5.3	15
9	Basic calcium phosphate crystals stimulate cell proliferation and collagenase message accumulation in cultured adult articular chondrocytes. <i>Arthritis and Rheumatism</i> , 1992 , 35, 343-50		41
8	Reduce serum uric acid levels before withdrawing antihyperuricemic therapy in patients with tophaceous gout. <i>Arthritis and Rheumatism</i> , 1992 , 35, 1252		1
7	Basic calcium phosphate crystals cause coordinate induction and secretion of collagenase and stromelysin. <i>Journal of Cellular Physiology</i> , 1992 , 153, 140-6	7	63
6	Influence of antihyperuricemic therapy on the clinical and radiographic progression of gout. <i>Arthritis and Rheumatism</i> , 1991 , 34, 1489-94		65
5	Primary care-based dermatology practice: internists need more training. <i>Journal of General Internal Medicine</i> , 1991 , 6, 52-6	4	45
4	The mitogenic response to stimulation with basic calcium phosphate crystals is accompanied by induction and secretion of collagenase in human fibroblasts. <i>Arthritis and Rheumatism</i> , 1991 , 34, 1021-30		52
3	Fish oil and psoriasis. <i>Lancet, The</i> , 1991 , 338, 824	40	1
2	Severe disability in rheumatoid arthritis: assessment following comprehensive rehabilitation. <i>Irish Journal of Medical Science</i> , 1989 , 158, 225-7	1.9	3
1	Hypertrophic osteoarthropathy after liver transplantation. <i>American Journal of Medicine</i> , 1989 , 86, 501	2.4	1