

Robert Terkeltaub

List of Publications by Citations

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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.

158 papers	12,491 citations	62 h-index	110 g-index
189 ext. papers	14,091 ext. citations	6.8 avg, IF	6.38 L-index

#	Paper	IF	Citations
158	2012 American College of Rheumatology guidelines for management of gout. Part 1: systematic nonpharmacologic and pharmacologic therapeutic approaches to hyperuricemia. <i>Arthritis Care and Research</i> , 2012 , 64, 1431-46	4.7	1061
157	Tissue-nonspecific alkaline phosphatase and plasma cell membrane glycoprotein-1 are central antagonistic regulators of bone mineralization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9445-9	11.5	657
156	2012 American College of Rheumatology guidelines for management of gout. Part 2: therapy and antiinflammatory prophylaxis of acute gouty arthritis. <i>Arthritis Care and Research</i> , 2012 , 64, 1447-61	4.7	507
155	Mutations in ENPP1 are associated with idiopathic infantile arterial calcification. <i>Nature Genetics</i> , 2003 , 34, 379-81	36.3	461
154	Concerted regulation of inorganic pyrophosphate and osteopontin by <i>akp2</i> , <i>enpp1</i> , and <i>ank</i> : an integrated model of the pathogenesis of mineralization disorders. <i>American Journal of Pathology</i> , 2004 , 164, 1199-209	5.8	388
153	Emerging regulators of the inflammatory process in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2015 , 11, 35-44	8.1	352
152	High versus low dosing of oral colchicine for early acute gout flare: Twenty-four-hour outcome of the first multicenter, randomized, double-blind, placebo-controlled, parallel-group, dose-comparison colchicine study. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1060-8		314
151	Innate immunity conferred by Toll-like receptors 2 and 4 and myeloid differentiation factor 88 expression is pivotal to monosodium urate monohydrate crystal-induced inflammation. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2936-46		273
150	PC-1 nucleoside triphosphate pyrophosphohydrolase deficiency in idiopathic infantile arterial calcification. <i>American Journal of Pathology</i> , 2001 , 158, 543-54	5.8	250
149	Update on gout: new therapeutic strategies and options. <i>Nature Reviews Rheumatology</i> , 2010 , 6, 30-8	8.1	236
148	Generalized arterial calcification of infancy and pseudoxanthoma elasticum can be caused by mutations in either ENPP1 or ABCC6. <i>American Journal of Human Genetics</i> , 2012 , 90, 25-39	11	225
147	The interleukin 1 inhibitor riloncept in treatment of chronic gouty arthritis: results of a placebo-controlled, monosequence crossover, non-randomised, single-blind pilot study. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 1613-7	2.4	216
146	Colchicine update: 2008. <i>Seminars in Arthritis and Rheumatism</i> , 2009 , 38, 411-9	5.3	210
145	TLR2 signaling in chondrocytes drives calcium pyrophosphate dihydrate and monosodium urate crystal-induced nitric oxide generation. <i>Journal of Immunology</i> , 2005 , 174, 5016-23	5.3	189
144	Enzyme replacement therapy for murine hypophosphatasia. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 777-87	6.3	183
143	Monocyte-derived neutrophil chemotactic factor/interleukin-8 is a potential mediator of crystal-induced inflammation. <i>Arthritis and Rheumatism</i> , 1991 , 34, 894-903		160
142	Linked deficiencies in extracellular PP(i) and osteopontin mediate pathologic calcification associated with defective PC-1 and ANK expression. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 994-1004	6.3	159

141	Novel evidence-based colchicine dose-reduction algorithm to predict and prevent colchicine toxicity in the presence of cytochrome P450 3A4/P-glycoprotein inhibitors. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2226-37		154
140	Inflammatory microcrystals stimulate interleukin-6 production and secretion by human monocytes and synoviocytes. <i>Arthritis and Rheumatism</i> , 1989 , 32, 1443-52		151
139	The inflammatory process of gout and its treatment. <i>Arthritis Research and Therapy</i> , 2006 , 8 Suppl 1, S3	5.7	149
138	IL-8/CXCL8 and growth-related oncogene alpha/CXCL1 induce chondrocyte hypertrophic differentiation. <i>Journal of Immunology</i> , 2003 , 171, 4406-15	5.3	148
137	Chondrogenesis mediated by PPI depletion promotes spontaneous aortic calcification in NPP1-/- mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 686-91	9.4	148
136	Hypophosphatemia, hyperphosphaturia, and bisphosphonate treatment are associated with survival beyond infancy in generalized arterial calcification of infancy. <i>Circulation: Cardiovascular Genetics</i> , 2008 , 1, 133-40		144
135	Inflammation-induced chondrocyte hypertrophy is driven by receptor for advanced glycation end products. <i>Journal of Immunology</i> , 2005 , 175, 8296-302	5.3	144
134	Mitochondrial oxidative phosphorylation is a downstream regulator of nitric oxide effects on chondrocyte matrix synthesis and mineralization. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1560-70		143
133	Cartilage cell clusters. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2206-18		140
132	Ecto-phosphodiesterase/pyrophosphatase of lymphocytes and non-lymphoid cells: structure and function of the PC-1 family. <i>Immunological Reviews</i> , 1998 , 161, 11-26	11.3	135
131	Mitochondrial biogenesis is impaired in osteoarthritis chondrocytes but reversible via peroxisome proliferator-activated receptor γ activator 1. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2141-53	9.5	127
130	Up-regulated expression of the phosphodiesterase nucleotide pyrophosphatase family member PC-1 is a marker and pathogenic factor for knee meniscal cartilage matrix calcification. <i>Arthritis and Rheumatism</i> , 2001 , 44, 1071-81		126
129	Genetics in arterial calcification: pieces of a puzzle and cogs in a wheel. <i>Circulation Research</i> , 2011 , 109, 578-92	15.7	124
128	Engagement of CD14 mediates the inflammatory potential of monosodium urate crystals. <i>Journal of Immunology</i> , 2006 , 177, 6370-8	5.3	120
127	The murine homolog of the interleukin-8 receptor CXCR-2 is essential for the occurrence of neutrophilic inflammation in the air pouch model of acute urate crystal-induced gouty synovitis. <i>Arthritis and Rheumatism</i> , 1998 , 41, 900-9		114
126	Chemokines and atherosclerosis. <i>Current Opinion in Lipidology</i> , 1998 , 9, 397-405	4.4	113
125	Low vitamin K status is associated with osteoarthritis in the hand and knee. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1255-61		111
124	Differential mechanisms of inorganic pyrophosphate production by plasma cell membrane glycoprotein-1 and B10 in chondrocytes. <i>Arthritis and Rheumatism</i> , 1999 , 42, 1986-97		110

123	Interleukin-1 induces pro-mineralizing activity of cartilage tissue transglutaminase and factor XIIIa. <i>American Journal of Pathology</i> , 2001 , 159, 149-63	5.8	109
122	Matrix vesicle plasma cell membrane glycoprotein-1 regulates mineralization by murine osteoblastic MC3T3 cells. <i>Journal of Bone and Mineral Research</i> , 1999 , 14, 883-92	6.3	109
121	Chondrocyte AMP-activated protein kinase activity suppresses matrix degradation responses to proinflammatory cytokines interleukin-1 β and tumor necrosis factor α . <i>Arthritis and Rheumatism</i> , 2011 , 63, 1928-37		105
120	Extracellular signal-regulated kinase 1/extracellular signal-regulated kinase 2 mitogen-activated protein kinase signaling and activation of activator protein 1 and nuclear factor kappaB transcription factors play central roles in interleukin-8 expression stimulated by monosodium urate crystals in chondrocytes. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2001-12		103
119	Sustained osteomalacia of long bones despite major improvement in other hypophosphatasia-related mineral deficits in tissue nonspecific alkaline phosphatase/nucleotide pyrophosphatase phosphodiesterase 1 double-deficient mice. <i>American Journal of Pathology</i> , 2005 , 166, 1711-20	5.8	98
118	Recent developments in our understanding of the renal basis of hyperuricemia and the development of novel antihyperuricemic therapeutics. <i>Arthritis Research and Therapy</i> , 2006 , 8 Suppl 1, S4	5.7	95
117	A critical reappraisal of allopurinol dosing, safety, and efficacy for hyperuricemia in gout. <i>Current Rheumatology Reports</i> , 2009 , 11, 135-40	4.9	93
116	Invited review: the mitochondrion in osteoarthritis. <i>Mitochondrion</i> , 2002 , 1, 301-19	4.9	93
115	Lesinurad, a Selective Uric Acid Reabsorption Inhibitor, in Combination With Febuxostat in Patients With Tophaceous Gout: Findings of a Phase III Clinical Trial. <i>Arthritis and Rheumatology</i> , 2017 , 69, 1903-1913	9.5	92
114	Elevated skeletal osteopontin levels contribute to the hypophosphatasia phenotype in Akp2(-/-) mice. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1377-86	6.3	92
113	Parathyroid hormone-related peptide is a naturally occurring, protein kinase A-dependent angiogenesis inhibitor. <i>Nature Medicine</i> , 2002 , 8, 995-1003	50.5	87
112	Chondrocyte innate immune myeloid differentiation factor 88-dependent signaling drives procatabolic effects of the endogenous Toll-like receptor 2/Toll-like receptor 4 ligands low molecular weight hyaluronan and high mobility group box chromosomal protein 1 in mice. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2001-12		86
111	Mediation of spontaneous knee osteoarthritis by progressive chondrocyte ATP depletion in Hartley guinea pigs. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1216-25		82
110	Rilonacept (interleukin-1 trap) for prevention of gout flares during initiation of uric acid-lowering therapy: results from a phase III randomized, double-blind, placebo-controlled, confirmatory efficacy study. <i>Arthritis Care and Research</i> , 2012 , 64, 1462-70	4.7	81
109	Physiologic and pathologic functions of the NPP nucleotide pyrophosphatase/phosphodiesterase family focusing on NPP1 in calcification. <i>Purinergic Signalling</i> , 2006 , 2, 371-7	3.8	81
108	The mutational spectrum of ENPP1 as arising after the analysis of 23 unrelated patients with generalized arterial calcification of infancy (GACI). <i>Human Mutation</i> , 2005 , 25, 98	4.7	80
107	Choline Uptake and Metabolism Modulate Macrophage IL-1 β and IL-18 Production. <i>Cell Metabolism</i> , 2019 , 29, 1350-1362.e7	24.6	74
106	Causal link between nucleotide pyrophosphohydrolase overactivity and increased intracellular inorganic pyrophosphate generation demonstrated by transfection of cultured fibroblasts and osteoblasts with plasma cell membrane glycoprotein-1. Relevance to calcium pyrophosphate dihydrate deposition disease. <i>Arthritis and Rheumatism</i> , 1991 , 37, 334-41		74

105	Rilonacept (interleukin-1 trap) in the prevention of acute gout flares during initiation of urate-lowering therapy: results of a phase II randomized, double-blind, placebo-controlled trial. <i>Arthritis and Rheumatism</i> , 2012 , 64, 876-84		73
104	Lesinurad, a novel, oral compound for gout, acts to decrease serum uric acid through inhibition of urate transporters in the kidney. <i>Arthritis Research and Therapy</i> , 2016 , 18, 214	5.7	72
103	Increased hepatic levels of the insulin receptor inhibitor, PC-1/NPP1, induce insulin resistance and glucose intolerance. <i>Diabetes</i> , 2005 , 54, 367-72	0.9	71
102	AMP-activated protein kinase suppresses urate crystal-induced inflammation and transduces colchicine effects in macrophages. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 286-94	2.4	67
101	Parathyroid hormone-related proteins is abundant in osteoarthritic cartilage, and the parathyroid hormone-related protein 1-173 isoform is selectively induced by transforming growth factor beta in articular chondrocytes and suppresses generation of extracellular inorganic pyrophosphate. <i>Arthritis and Rheumatism</i> , 1998 , 41, 2152-64		65
100	Proline-rich tyrosine kinase 2 and Src kinase signaling transduce monosodium urate crystal-induced nitric oxide production and matrix metalloproteinase 3 expression in chondrocytes. <i>Arthritis and Rheumatism</i> , 2004 , 50, 247-58		63
99	Plasma protein binding by monosodium urate crystals. Analysis by two-dimensional gel electrophoresis. <i>Arthritis and Rheumatism</i> , 1983 , 26, 775-83		63
98	New Perspectives in Rheumatology: Implications of the Cardiovascular Safety of Febuxostat and Allopurinol in Patients With Gout and Cardiovascular Morbidities Trial and the Associated Food and Drug Administration Public Safety Alert. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1702-1709	9.5	62
97	Transamidation by transglutaminase 2 transforms S100A11 calgranulin into a procatabolic cytokine for chondrocytes. <i>Journal of Immunology</i> , 2008 , 180, 8378-85	5.3	61
96	Linked decreases in liver kinase B1 and AMP-activated protein kinase activity modulate matrix catabolic responses to biomechanical injury in chondrocytes. <i>Arthritis Research and Therapy</i> , 2013 , 15, R77	5.7	59
95	Gout. Novel therapies for treatment of gout and hyperuricemia. <i>Arthritis Research and Therapy</i> , 2009 , 11, 236	5.7	59
94	Role of interleukin-8 in PiT-1 expression and CXCR1-mediated inorganic phosphate uptake in chondrocytes. <i>Arthritis and Rheumatism</i> , 2005 , 52, 144-54		59
93	Evaluation of an instrument assessing influence of Gout on health-related quality of life. <i>Journal of Rheumatology</i> , 2008 , 35, 2406-14	4.1	58
92	Treatment of acute gout: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 44, 31-8	5.3	56
91	Peroxisome proliferator-activated receptor α activator 1 and FoxO3A mediate chondroprotection by AMP-activated protein kinase. <i>Arthritis and Rheumatology</i> , 2014 , 66, 3073-82	9.5	56
90	Differential effects of aging on human chondrocyte responses to transforming growth factor beta: increased pyrophosphate production and decreased cell proliferation. <i>Arthritis and Rheumatism</i> , 1997 , 40, 1275-81		54
89	Serum uric acid is associated with carotid plaques: the National Heart, Lung, and Blood Institute Family Heart Study. <i>Journal of Rheumatology</i> , 2009 , 36, 378-84	4.1	53
88	Discordant American College of Physicians and international rheumatology guidelines for gout management: consensus statement of the Gout, Hyperuricemia and Crystal-Associated Disease Network (G-CAN). <i>Nature Reviews Rheumatology</i> , 2017 , 13, 561-568	8.1	52

87	One of two chondrocyte-expressed isoforms of cartilage intermediate-layer protein functions as an insulin-like growth factor 1 antagonist. <i>Arthritis and Rheumatism</i> , 2003 , 48, 1302-14		51
86	Differential effects of aging on human chondrocyte responses to transforming growth factor β Increased pyrophosphate production and decreased cell proliferation. <i>Arthritis and Rheumatism</i> , 1997 , 40, 1275-1281		49
85	The pattern recognition receptor CD36 is a chondrocyte hypertrophy marker associated with suppression of catabolic responses and promotion of repair responses to inflammatory stimuli. <i>Journal of Immunology</i> , 2009 , 182, 5024-31	5.3	46
84	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
83	C/EBP homologous protein drives pro-catabolic responses in chondrocytes. <i>Arthritis Research and Therapy</i> , 2013 , 15, R218	5.7	45
82	Role of the mevalonate pathway of isoprenoid synthesis in IL-8 generation by activated monocytic cells. <i>Journal of Leukocyte Biology</i> , 1994 , 55, 749-55	6.5	45
81	Subcellular targeting and function of osteoblast nucleotide pyrophosphatase phosphodiesterase 1. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 286, C1177-87	5.4	44
80	Inorganic pyrophosphate (PPI) in pathologic calcification of articular cartilage. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 988-97	2.8	44
79	Are either or both hyperuricemia and xanthine oxidase directly toxic to the vasculature? A critical appraisal. <i>Arthritis and Rheumatism</i> , 2012 , 64, 327-38		43
78	Transglutaminase 2 limits murine peritoneal acute gout-like inflammation by regulating macrophage clearance of apoptotic neutrophils. <i>Arthritis and Rheumatism</i> , 2006 , 54, 3363-71		43
77	Activation of AMPK-SIRT3 signaling is chondroprotective by preserving mitochondrial DNA integrity and function. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 1539-1550	6.2	42
76	Inorganic pyrophosphatase induces type I collagen in osteoblasts. <i>Bone</i> , 2010 , 46, 81-90	4.7	41
75	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
74	Lower prevalence of chondrocalcinosis in Chinese subjects in Beijing than in white subjects in the United States: the Beijing Osteoarthritis Study. <i>Arthritis and Rheumatism</i> , 2006 , 54, 3508-12		37
73	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
72	What makes gouty inflammation so variable?. <i>BMC Medicine</i> , 2017 , 15, 158	11.4	36
71	Parallels between arterial and cartilage calcification: what understanding artery calcification can teach us about chondrocalcinosis. <i>Current Opinion in Rheumatology</i> , 2003 , 15, 302-10	5.3	33
70	Novel mouse model of autosomal semidominant adult hypophosphatasia has a splice site mutation in the tissue nonspecific alkaline phosphatase gene <i>Akp2</i> . <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 1397-407	6.3	30

69	Npp1 promotes atherosclerosis in ApoE knockout mice. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2273-83	5.6	29
68	Racial disparities in the risk of Stevens-Johnson Syndrome and toxic epidermal necrolysis as urate-lowering drug adverse events in the United States. <i>Seminars in Arthritis and Rheumatism</i> , 2016 , 46, 253-258	5.3	29
67	Sex differences in gout characteristics: tailoring care for women and men. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 108	2.8	28
66	Review: Unmet Needs and the Path Forward in Joint Disease Associated With Calcium Pyrophosphate Crystal Deposition. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1182-1191	9.5	28
65	Vanin-1 pantetheinase drives smooth muscle cell activation in post-arterial injury neointimal hyperplasia. <i>PLoS ONE</i> , 2012 , 7, e39106	3.7	28
64	Serum urate is not associated with coronary artery calcification: the NHLBI Family Heart Study. <i>Journal of Rheumatology</i> , 2011 , 38, 111-7	4.1	27
63	Deficiencies of physiologic calcification inhibitors and low-grade inflammation in arterial calcification: lessons for cartilage calcification. <i>Joint Bone Spine</i> , 2005 , 72, 110-8	2.9	26
62	Gout Study Group: update on hyperuricemia and gout. <i>Joint Bone Spine</i> , 2009 , 76, 444-6	2.9	24
61	Exploration of metformin as novel therapy for osteoarthritis: preventing cartilage degeneration and reducing pain behavior. <i>Arthritis Research and Therapy</i> , 2020 , 22, 34	5.7	22
60	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
59	Dose-response relationship between lower serum magnesium level and higher prevalence of knee chondrocalcinosis. <i>Arthritis Research and Therapy</i> , 2017 , 19, 236	5.7	21
58	Review: Gout: A Roadmap to Approaches for Improving Global Outcomes. <i>Arthritis and Rheumatology</i> , 2017 , 69, 22-34	9.5	19
57	Calcium pyrophosphate dihydrate and hydroxyapatite crystal deposition in the joint: new developments relevant to the clinician. <i>Current Rheumatology Reports</i> , 2003 , 5, 235-43	4.9	19
56	RAGE signaling mediates post-injury arterial neointima formation by suppression of liver kinase B1 and AMPK activity. <i>Atherosclerosis</i> , 2012 , 222, 417-25	3.1	18
55	Calcium-containing crystals and osteoarthritis: implications for the clinician. <i>Current Rheumatology Reports</i> , 2005 , 7, 213-9	4.9	18
54	Low density lipoprotein inhibits the physical interaction of phlogistic crystals and inflammatory cells. <i>Arthritis and Rheumatism</i> , 1986 , 29, 363-70		17
53	Risk of gout flares after vaccination: a prospective case cross-over study. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1601-1604	2.4	14
52	Differential DNA Methylation of Networked Signaling, Transcriptional, Innate and Adaptive Immunity, and Osteoclastogenesis Genes and Pathways in Gout. <i>Arthritis and Rheumatology</i> , 2020 , 72, 802-814	9.5	13

51	Arhalofenate acid inhibits monosodium urate crystal-induced inflammatory responses through activation of AMP-activated protein kinase (AMPK) signaling. <i>Arthritis Research and Therapy</i> , 2018 , 20, 204	5.7	13
50	Modulation of matrix metabolism by ATP-citrate lyase in articular chondrocytes. <i>Journal of Biological Chemistry</i> , 2018 , 293, 12259-12270	5.4	13
49	Effect of Dietary and Supplemental Omega-3 Polyunsaturated Fatty Acids on Risk of Recurrent Gout Flares. <i>Arthritis and Rheumatology</i> , 2019 , 71, 1580-1586	9.5	12
48	Effect of Intensive Urate Lowering With Combined Verinurad and Febuxostat on Albuminuria in Patients With Type 2 Diabetes: A Randomized Trial. <i>American Journal of Kidney Diseases</i> , 2021 , 77, 481-489	7.4	12
47	inhibits ectopic joint calcification and maintains articular chondrocytes by repressing hedgehog signaling. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	10
46	Efficacy and safety during extended treatment of lesinurad in combination with febuxostat in patients with tophaceous gout: CRYSTAL extension study. <i>Arthritis Research and Therapy</i> , 2019 , 21, 8	5.7	10
45	Impaired Proteasomal Function in Human Osteoarthritic Chondrocytes Can Contribute to Decreased Levels of SOX9 and Aggrecan. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1030-1041	9.5	9
44	Integrated safety studies of the urate reabsorption inhibitor lesinurad in treatment of gout. <i>Rheumatology</i> , 2019 , 58, 61-69	3.9	9
43	Comparative tissue distribution of the processing enzymes "prohormone thiol protease," and prohormone convertases 1 and 2, in human PTHrP-producing cell lines and mammalian neuroendocrine tissues. <i>Endocrine</i> , 2001 , 15, 217-24		9
42	Mono-allelic and bi-allelic ENPP1 deficiency promote post-injury neointimal hyperplasia associated with increased C/EBP homologous protein expression. <i>Atherosclerosis</i> , 2014 , 233, 493-502	3.1	8
41	Prospective associations of C-reactive protein (CRP) levels and CRP genetic risk scores with risk of total knee and hip replacement for osteoarthritis in a diverse cohort. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 1038-1044	6.2	7
40	A Randomized, Phase II Study Evaluating the Efficacy and Safety of Anakinra in the Treatment of Gout Flares. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1533-1542	9.5	7
39	Serum Metabolomics Identifies Dysregulated Pathways and Potential Metabolic Biomarkers for Hyperuricemia and Gout. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1738-1748	9.5	7
38	Oral Treatment With an Engineered Uricase, ALLN-346, Reduces Hyperuricemia, and Uricosuria in Urate Oxidase-Deficient Mice. <i>Frontiers in Medicine</i> , 2020 , 7, 569215	4.9	5
37	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
36	Management of gout in chronic kidney disease: a G-CAN Consensus Statement on the research priorities. <i>Nature Reviews Rheumatology</i> , 2021 , 17, 633-641	8.1	5
35	A vascular smooth muscle cell X-box binding protein 1 and transglutaminase 2 regulatory circuit limits neointimal hyperplasia. <i>PLoS ONE</i> , 2019 , 14, e0212235	3.7	4
34	Pseudogout, hypomagnesemia, and liver transplantation. <i>Current Rheumatology Reports</i> , 2002 , 4, 243-4	4.9	4

33	Reference data based insights expand understanding of human metabolomes		4
32	The nomenclature of the basic disease elements of gout: A content analysis of contemporary medical journals. <i>Seminars in Arthritis and Rheumatism</i> , 2018 , 48, 456-461	5.3	3
31	Tophus Biology and Pathogenesis of Monosodium Urate Crystal-Induced Inflammation 2012 , 59-71		3
30	The effects of gamma-interferon on human peripheral blood monocyte/macrophage-mediated bone particle degradation. <i>Bone and Mineral</i> , 1990 , 8, 131-43		3
29	Reassessing the Cardiovascular Safety of Febuxostat: Implications of the Febuxostat versus Allopurinol Streamlined Trial. <i>Arthritis and Rheumatology</i> , 2021 , 73, 721-724	9.5	3
28	Thiazide diuretics and risk of knee replacement surgery among patients with knee osteoarthritis: a general population-based cohort study. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 1454-1461	6.2	2
27	Overview of Gout Therapy Strategy and Targets, and the Management of Refractory Disease 2012 , 194-208		2
26	The case for uricase in gout. <i>Current Rheumatology Reports</i> , 2003 , 5, 213-4	4.9	2
25	Diseases Associated with Articular Deposition of Calcium Pyrophosphate Dihydrate and Basic Calcium Phosphate Crystals 2009 , 1507-1524		2
24	Patients Prescribed Anakinra for Acute Gout Have Baseline Increased Burden of Hyperuricemia, Tophi, and Comorbidities, and Ultimate All-Cause Mortality. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2019 , 12, 1179544119890853	2.3	2
23	Mitochondrial oxidative phosphorylation is a downstream regulator of nitric oxide effects on chondrocyte matrix synthesis and mineralization 2000 , 43, 1560		2
22	Monosodium urate crystals regulate a unique JNK-dependent macrophage metabolic and inflammatory response.. <i>Cell Reports</i> , 2022 , 38, 110489	10.6	2
21	Prophylaxis of Attacks of Acute Gouty Arthritis 2012 , 187-193		1
20	Are cherries now ripe for use as a complementary therapeutic in gout? Appraisal of the state of evidence. <i>Evidence-Based Medicine</i> , 2013 , 18, 230-1		1
19	The role of hypertension in cyclosporine-induced hyperuricemia. <i>Current Rheumatology Reports</i> , 2004 , 6, 215-6	4.9	1
18	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) common language definition of gout. <i>RMD Open</i> , 2021 , 7,	5.9	1
17	Parathyroid hormone-related protein is abundant in osteoarthritic cartilage, and the parathyroid hormone-related protein 1-173 isoform is selectively induced by transforming growth factor β in articular chondrocytes and suppresses generation of extracellular inorganic pyrophosphate 1998 , 41, 2152		1
16	Mitochondrial oxidative phosphorylation is a downstream regulator of nitric oxide effects on chondrocyte matrix synthesis and mineralization 2000 , 43, 1560		1

- 15 Colchicine prophylaxis is associated with fewer gout flares after COVID-19 vaccination.. *Annals of the Rheumatic Diseases*, **2022**, 2.4 1
- 14 Pathogenesis and Molecular Genetics of Calcium Pyrophosphate Dihydrate Crystal Deposition Disease **2012**, 240-248 o
- 13 Macrophage glucocorticoid receptors join the intercellular dialogue in atherosclerotic lesion calcification. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 2096-8 9.4 o
- 12 Last call for alcohol in gout?. *Current Rheumatology Reports*, **2007**, 9, 229-30 4.9 o
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