

Anne C Bay-Jensen

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.

186 papers	4,957 citations	40 h-index	62 g-index
193 ext. papers	5,891 ext. citations	3.9 avg, IF	5.63 L-index

#	Paper	IF	Citations
186	Extracellular matrix remodeling: the common denominator in connective tissue diseases. Possibilities for evaluation and current understanding of the matrix as more than a passive architecture, but a key player in tissue failure. <i>Assay and Drug Development Technologies</i> , 2013 , 11, 70-92	2.1	185
185	Disease-modifying treatments for osteoarthritis (DMOADs) of the knee and hip: lessons learned from failures and opportunities for the future. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 2013-2021	6.2	180
184	Novel insights into the function and dynamics of extracellular matrix in liver fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, G807-30	5.1	156
183	The coupling of bone and cartilage turnover in osteoarthritis: opportunities for bone antiresorptives and anabolics as potential treatments?. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 336-48	2.4	138
182	Novel combinations of Post-Translational Modification (PTM) neo-epitopes provide tissue-specific biochemical markers--are they the cause or the consequence of the disease?. <i>Clinical Biochemistry</i> , 2010 , 43, 793-804	3.5	125
181	The disease modifying osteoarthritis drug (DMOAD): Is it in the horizon?. <i>Pharmacological Research</i> , 2008 , 58, 1-7	10.2	124
180	Biochemical markers and the FDA Critical Path: how biomarkers may contribute to the understanding of pathophysiology and provide unique and necessary tools for drug development. <i>Biomarkers</i> , 2009 , 14, 181-202	2.6	114
179	Osteoarthritis--a case for personalized health care?. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 7-16	6.2	104
178	Enzyme-linked immunosorbent assay (ELISAs) for metalloproteinase derived type II collagen neopeptide, CIIM--increased serum CIIM in subjects with severe radiographic osteoarthritis. <i>Clinical Biochemistry</i> , 2011 , 44, 423-9	3.5	102
177	Which elements are involved in reversible and irreversible cartilage degradation in osteoarthritis?. <i>Rheumatology International</i> , 2010 , 30, 435-42	3.6	97
176	Treatment of symptomatic knee osteoarthritis with oral salmon calcitonin: results from two phase 3 trials. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 532-43	6.2	85
175	Osteoarthritis phenotypes and novel therapeutic targets. <i>Biochemical Pharmacology</i> , 2019 , 165, 41-48	6	84
174	Biochemical markers of ongoing joint damage in rheumatoid arthritis--current and future applications, limitations and opportunities. <i>Arthritis Research and Therapy</i> , 2011 , 13, 215	5.7	82
173	Lessons learned from the development of oral calcitonin: the first tablet formulation of a protein in phase III clinical trials. <i>Journal of Clinical Pharmacology</i> , 2011 , 51, 460-71	2.9	74
172	Identification and characterisation of osteoarthritis patients with inflammation derived tissue turnover. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 44-50	6.2	73
171	The active form of MMP-3 is a marker of synovial inflammation and cartilage turnover in inflammatory joint diseases. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 93	2.8	67
170	Association between experimental pain biomarkers and serologic markers in patients with different degrees of painful knee osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 3317-26	9.5	65

169	Osteoarthritis year in review 2015: soluble biomarkers and the BIPED criteria. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 9-20	6.2	64
168	Sprifermin (rhFGF18) enables proliferation of chondrocytes producing a hyaline cartilage matrix. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1858-1867	6.2	63
167	Serological identification of fast progressors of structural damage with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2013 , 15, R86	5.7	63
166	Role of hormones in cartilage and joint metabolism: understanding an unhealthy metabolic phenotype in osteoarthritis. <i>Menopause</i> , 2013 , 20, 578-86	2.5	63
165	Effect of tocilizumab combined with methotrexate on circulating biomarkers of synovium, cartilage, and bone in the LITHE study. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 470-8	5.3	62
164	IL-6 receptor inhibition positively modulates bone balance in rheumatoid arthritis patients with an inadequate response to anti-tumor necrosis factor therapy: biochemical marker analysis of bone metabolism in the tocilizumab RADIATE study (NCT00106522). <i>Seminars in Arthritis and Rheumatism</i> , 2012 , 42, 121-9	5.3	62
163	Association between biomarkers of tissue inflammation and progression of osteoarthritis: evidence from the Rotterdam study cohort. <i>Arthritis Research and Therapy</i> , 2016 , 18, 81	5.7	61
162	Large scale meta-analysis of urinary C-terminal telopeptide, serum cartilage oligomeric protein and matrix metalloproteinase degraded type II collagen and their role in prevalence, incidence and progression of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 683-9	6.2	61
161	Post-translational modifications of the extracellular matrix are key events in cancer progression: opportunities for biochemical marker development. <i>Biomarkers</i> , 2011 , 16, 193-205	2.6	58
160	Circulating protein fragments of cartilage and connective tissue degradation are diagnostic and prognostic markers of rheumatoid arthritis and ankylosing spondylitis. <i>PLoS ONE</i> , 2013 , 8, e54504	3.7	56
159	Biochemical markers identify influences on bone and cartilage degradation in osteoarthritis--the effect of sex, Kellgren-Lawrence (KL) score, body mass index (BMI), oral salmon calcitonin (sCT) treatment and diurnal variation. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 125	2.8	55
158	Ankylosing spondylitis is characterized by an increased turnover of several different metalloproteinase-derived collagen species: a cross-sectional study. <i>Rheumatology International</i> , 2012 , 32, 3565-72	3.6	52
157	Procollagen type I N-terminal propeptide (PINP) is a marker for fibrogenesis in bile duct ligation-induced fibrosis in rats. <i>Fibrogenesis and Tissue Repair</i> , 2010 , 3, 5		51
156	Serum biomarkers reflecting specific tumor tissue remodeling processes are valuable diagnostic tools for lung cancer. <i>Cancer Medicine</i> , 2014 , 3, 1136-45	4.8	49
155	Suppression of T Cell Activation and Collagen Accumulation by an Anti-IFNAR1 mAb, Anifrolumab, in Adult Patients with Systemic Sclerosis. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2402-2409	4.3	48
154	Circulating citrullinated vimentin fragments reflect disease burden in ankylosing spondylitis and have prognostic capacity for radiographic progression. <i>Arthritis and Rheumatism</i> , 2013 , 65, 972-80		48
153	Identifying specific profiles in patients with different degrees of painful knee osteoarthritis based on serological biochemical and mechanistic pain biomarkers: a diagnostic approach based on cluster analysis. <i>Pain</i> , 2015 , 156, 96-107	8	47
152	Recent advances in understanding the phenotypes of osteoarthritis. <i>F1000Research</i> , 2019 , 8,	3.6	45

151	Fragments of Citrullinated and MMP-degraded Vimentin and MMP-degraded Type III Collagen Are Novel Serological Biomarkers to Differentiate Crohn's Disease from Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2015 , 9, 863-72	1.5	43
150	Type X collagen levels are elevated in serum from human osteoarthritis patients and associated with biomarkers of cartilage degradation and inflammation. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 309	2.8	43
149	A machine learning approach for the identification of new biomarkers for knee osteoarthritis development in overweight and obese women. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 2014-2021	6.2	41
148	Molecular taxonomy of osteoarthritis for patient stratification, disease management and drug development: biochemical markers associated with emerging clinical phenotypes and molecular endotypes. <i>Current Opinion in Rheumatology</i> , 2019 , 31, 80-89	5.3	41
147	OA phenotypes, rather than disease stage, drive structural progression—identification of structural progressors from 2 phase III randomized clinical studies with symptomatic knee OA. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 550-8	6.2	40
146	Extracellular matrix specific protein fingerprints measured in serum can separate pancreatic cancer patients from healthy controls. <i>BMC Cancer</i> , 2013 , 13, 554	4.8	39
145	Osteoarthritis year in review 2018: biomarkers (biochemical markers). <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 412-423	6.2	39
144	Sprifermin (rhFGF18) modulates extracellular matrix turnover in cartilage explants ex vivo. <i>Journal of Translational Medicine</i> , 2017 , 15, 250	8.5	38
143	Collagen degradation products measured in serum can separate ovarian and breast cancer patients from healthy controls: A preliminary study. <i>Cancer Biomarkers</i> , 2015 , 15, 783-8	3.8	37
142	The collagen turnover profile is altered in patients with inguinal and incisional hernia. <i>Surgery</i> , 2015 , 157, 312-21	3.6	37
141	Alpha C-telopeptide of type I collagen is associated with subchondral bone turnover and predicts progression of joint space narrowing and osteophytes in osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 2440-9	9.5	37
140	Oral salmon calcitonin—pharmacology in osteoporosis. <i>Expert Opinion on Biological Therapy</i> , 2010 , 10, 1617-29	5.4	37
139	Osteoarthritis biomarkers derived from cartilage extracellular matrix: Current status and future perspectives. <i>Annals of Physical and Rehabilitation Medicine</i> , 2016 , 59, 145-148	3.8	37
138	Inflammation (or synovitis)-driven osteoarthritis: an opportunity for personalizing prognosis and treatment?. <i>Scandinavian Journal of Rheumatology</i> , 2016 , 45, 87-98	1.9	35
137	The pathogenesis of osteoarthritis involves bone, cartilage and synovial inflammation: may estrogen be a magic bullet?. <i>Menopause International</i> , 2012 , 18, 139-46		34
136	Investigation of the direct effects of salmon calcitonin on human osteoarthritic chondrocytes. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 62	2.8	34
135	Cartilage turnover reflected by metabolic processing of type II collagen: a novel marker of anabolic function in chondrocytes. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 18789-803	6.3	32
134	Measurement of matrix metalloproteinase 9-mediated collagen type III degradation fragment as a marker of skin fibrosis. <i>BMC Dermatology</i> , 2011 , 11, 6	2.1	32

133	Misbalance in type III collagen formation/degradation as a novel serological biomarker for penetrating (Montreal B3) Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2017 , 46, 26-39	6.1	31
132	Biomarker of extracellular matrix remodelling C1M and proinflammatory cytokine interleukin 6 are related to synovitis and pain in end-stage knee osteoarthritis patients. <i>Pain</i> , 2017 , 158, 1254-1263	8	31
131	Matrix metalloproteinase-dependent turnover of cartilage, synovial membrane, and connective tissue is elevated in rats with collagen induced arthritis. <i>Journal of Translational Medicine</i> , 2012 , 10, 195	8.5	30
130	The distribution pattern of critically short telomeres in human osteoarthritic knees. <i>Arthritis Research and Therapy</i> , 2012 , 14, R12	5.7	30
129	Application of biochemical markers in development of drugs for treatment of osteoarthritis. <i>Biomarkers</i> , 2010 , 15, 1-19	2.6	30
128	Serum Markers of Liver Fibrosis: Combining the BIPED Classification and the Neo-Epitope Approach in the Development of New Biomarkers. <i>Disease Markers</i> , 2010 , 28, 15-28	3.2	28
127	The response to oestrogen deprivation of the cartilage collagen degradation marker, CTX-II, is unique compared with other markers of collagen turnover. <i>Arthritis Research and Therapy</i> , 2009 , 11, R9	5.7	28
126	Investigation of two novel biochemical markers of inflammation, matrix metalloproteinase and cathepsin generated fragments of C-reactive protein, in patients with ankylosing spondylitis. <i>Clinical and Experimental Rheumatology</i> , 2012 , 30, 371-9	2.2	28
125	Synovitis biomarkers: ex vivo characterization of three biomarkers for identification of inflammatory osteoarthritis. <i>Biomarkers</i> , 2015 , 20, 547-56	2.6	27
124	Serum cartilage oligomeric matrix protein and development of radiographic and painful knee osteoarthritis. A community-based cohort of middle-aged women. <i>Biomarkers</i> , 2015 , 20, 557-64	2.6	27
123	Ulcerative colitis, Crohn's disease, and irritable bowel syndrome have different profiles of extracellular matrix turnover, which also reflects disease activity in Crohn's disease. <i>PLoS ONE</i> , 2017 , 12, e0185855	3.7	27
122	Development and use of biochemical markers in osteoarthritis: current update. <i>Current Opinion in Rheumatology</i> , 2018 , 30, 121-128	5.3	26
121	Effects of dietary weight loss with and without exercise on interstitial matrix turnover and tissue inflammation biomarkers in adults with knee osteoarthritis: the Intensive Diet and Exercise for Arthritis trial (IDEA). <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1822-1828	6.2	26
120	Quantification of "end products" of tissue destruction in inflammation may reflect convergence of cytokine and signaling pathways -- implications for modern clinical chemistry. <i>Biomarkers</i> , 2013 , 18, 375-8	3.6	25
119	Sensitization and Serological Biomarkers in Knee Osteoarthritis Patients With Different Degrees of Synovitis. <i>Clinical Journal of Pain</i> , 2016 , 32, 841-8	3.5	25
118	Nidogen-1 Degraded by Cathepsin S can be Quantified in Serum and is Associated with Non-Small Cell Lung Cancer. <i>Neoplasia</i> , 2017 , 19, 271-278	6.4	23
117	The intestinal tissue homeostasis - the role of extracellular matrix remodeling in inflammatory bowel disease. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019 , 13, 977-993	4.2	22
116	Blockade of GM-CSF pathway induced sustained suppression of myeloid and T cell activities in rheumatoid arthritis. <i>Rheumatology</i> , 2018 , 57, 175-184	3.9	22

115	Early changes in blood-based joint tissue destruction biomarkers are predictive of response to tocilizumab in the LITHE study. <i>Arthritis Research and Therapy</i> , 2016 , 18, 13	5.7	22
114	Investigation of chondrocyte hypertrophy and cartilage calcification in a full-depth articular cartilage explants model. <i>Rheumatology International</i> , 2013 , 33, 401-11	3.6	21
113	Aggrecanase- and matrix metalloproteinase-mediated aggrecan degradation is associated with different molecular characteristics of aggrecan and separated in time ex vivo. <i>Biomarkers</i> , 2010 , 15, 266-76	2.6	20
112	Associations between biomarkers of bone and cartilage turnover, gender, pain categories and radiographic severity in knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2019 , 21, 203	5.7	19
111	Clinical Drug Development Using Dynamic Biomarkers to Enable Personalized Health Care in COPD. <i>Chest</i> , 2015 , 148, 16-23	5.3	19
110	Rheumatoid arthritis: a case for personalized health care?. <i>Arthritis Care and Research</i> , 2014 , 66, 1273-80	4.7	19
109	Biochemical markers of joint tissue turnover. <i>Assay and Drug Development Technologies</i> , 2010 , 8, 118-24	2.1	19
108	A Novel High Sensitivity Type II Collagen Blood-Based Biomarker, PRO-C2, for Assessment of Cartilage Formation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
107	Estrogen inhibits Dlk1/FA1 production: a potential mechanism for estrogen effects on bone turnover. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 2548-51	6.3	18
106	The Need for Predictive, Prognostic, Objective and Complementary Blood-Based Biomarkers in Osteoarthritis (OA). <i>EBioMedicine</i> , 2016 , 7, 4-6	8.8	18
105	Potential diagnostic value of a type X collagen neo-epitope biomarker for knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 611-620	6.2	18
104	Biomarkers of cartilage and surrounding joint tissue. <i>Biomarkers in Medicine</i> , 2014 , 8, 713-31	2.3	17
103	Oral salmon calcitonin attenuates hyperglycaemia and preserves pancreatic beta-cell area and function in Zucker diabetic fatty rats. <i>British Journal of Pharmacology</i> , 2012 , 167, 151-63	8.6	17
102	Serum markers of liver fibrosis: combining the BIPED classification and the neo-epitope approach in the development of new biomarkers. <i>Disease Markers</i> , 2010 , 28, 15-28	3.2	17
101	Serological biomarkers of joint tissue turnover predict tocilizumab response at baseline. <i>Journal of Clinical Rheumatology</i> , 2014 , 20, 332-5	1.1	16
100	Dermal fibroblasts have different extracellular matrix profiles induced by TGF- β /PDGF and IL-6 in a model for skin fibrosis. <i>Scientific Reports</i> , 2020 , 10, 17300	4.9	16
99	Meta-analysis identifies loci affecting levels of the potential osteoarthritis biomarkers sCOMP and uCTX-II with genome wide significance. <i>Journal of Medical Genetics</i> , 2014 , 51, 596-604	5.8	15
98	Chondrocyte activity is increased in psoriatic arthritis and axial spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 141	5.7	15

97	Serum biomarkers of collagen turnover as potential diagnostic tools in diffuse systemic sclerosis: A cross-sectional study. <i>PLoS ONE</i> , 2018 , 13, e0207324	3.7	15
96	Translational Biomarkers and Ex Vivo Models of Joint Tissues as a Tool for Drug Development in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1419-1428	9.5	14
95	Quantification of fibronectin as a method to assess ex vivo extracellular matrix remodeling. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 586-91	3.4	14
94	Tissue metabolite of type I collagen, C1M, and CRP predicts structural progression of rheumatoid arthritis. <i>BMC Rheumatology</i> , 2019 , 3, 3	2.9	13
93	Sprifermin (rhFGF18) versus vehicle induces a biphasic process of extracellular matrix remodeling in human knee OA articular cartilage ex vivo. <i>Scientific Reports</i> , 2020 , 10, 6011	4.9	13
92	Biochemical marker discovery, testing and evaluation for facilitating OA drug discovery and development. <i>Drug Discovery Today</i> , 2018 , 23, 349-358	8.8	13
91	Future detection and monitoring of diabetes may entail analysis of both β cell function and volume: how markers of β cell loss may assist. <i>Journal of Translational Medicine</i> , 2012 , 10, 214	8.5	13
90	Diagnosis of Osteoarthritis by Cartilage Surface Smoothness Quantified Automatically from Knee MRI. <i>Cartilage</i> , 2011 , 2, 50-9	3	13
89	Inflammation and joint destruction may be linked to the generation of cartilage metabolites of ADAMTS-5 through activation of toll-like receptors. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 658-668	6.2	13
88	The Anti-ADAMTS-5 Nanobody M6495 Protects Cartilage Degradation Ex Vivo. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
87	Neo-Epitopes--Fragments of Cartilage and Connective Tissue Degradation in Early Rheumatoid Arthritis and Unclassified Arthritis. <i>PLoS ONE</i> , 2016 , 11, e0149329	3.7	13
86	Protein biomarkers associated with pain mechanisms in osteoarthritis. <i>Journal of Proteomics</i> , 2019 , 190, 55-66	3.9	13
85	Identification of serological biomarker profiles associated with total joint replacement in osteoarthritis patients. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 866-877	6.2	12
84	Metabolic health in families enriched for longevity is associated with low prevalence of hand osteoarthritis and influences OA biomarker profiles. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1669-74 ^{2.4}	4	12
83	Characterization of an Ex vivo Femoral Head Model Assessed by Markers of Bone and Cartilage Turnover. <i>Cartilage</i> , 2011 , 2, 265-78	3	12
82	Identification of the calcitonin receptor in osteoarthritic chondrocytes. <i>BMC Research Notes</i> , 2011 , 4, 407	2.3	12
81	Cohort profile: The Applied Public-Private Research enabling OsteoArthritis Clinical Headway (IMI-APPROACH) study: a 2-year, European, cohort study to describe, validate and predict phenotypes of osteoarthritis using clinical, imaging and biochemical markers. <i>BMJ Open</i> , 2020 , 10, e035101	3	12
80	Abdominal wall hernias-A local manifestation of systemically impaired quality of the extracellular matrix. <i>Surgery</i> , 2016 , 160, 220-227	3.6	12

79	Expanding the citrullinome of synovial fibrinogen from rheumatoid arthritis patients. <i>Journal of Proteomics</i> , 2019 , 208, 103484	3.9	11
78	The development and characterization of a competitive ELISA for measuring active ADAMTS-4 in a bovine cartilage ex vivo model. <i>Matrix Biology</i> , 2013 , 32, 143-51	11.4	11
77	Serological biomarker profiles of rapidly progressive osteoarthritis in tanezumab-treated patients. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 484-492	6.2	11
76	Type IV collagen metabolism is associated with disease activity, radiographic progression and response to tocilizumab in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36, 829-835	3.2	11
75	Investigating the Robustness and Diagnostic Potential of Extracellular Matrix Remodelling Biomarkers in Alkaptonuria. <i>JIMD Reports</i> , 2015 , 24, 29-37	1.9	10
74	Aggrecanase degradation of type III collagen is associated with clinical knee pain. <i>Clinical Biochemistry</i> , 2018 , 58, 37-43	3.5	10
73	Should biochemical markers of bone turnover be considered standard practice for safety pharmacology?. <i>Biomarkers</i> , 2010 , 15, 195-204	2.6	10
72	Association between biochemical cartilage markers and clinical symptoms in patients with hip osteoarthritis: cohort study with 2-year follow-up. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, 57-62	6.2	9
71	Tofacitinib and TPCA-1 exert chondroprotective effects on extracellular matrix turnover in bovine articular cartilage ex vivo. <i>Biochemical Pharmacology</i> , 2019 , 165, 91-98	6	9
70	Remodeling of the Tumor Microenvironment Predicts Increased Risk of Cancer in Postmenopausal Women: The Prospective Epidemiologic Risk Factor (PERF I) Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1348-55	4	9
69	CRP and a biomarker of type I collagen degradation, C1M, can differentiate anti-inflammatory treatment response in ankylosing spondylitis. <i>Biomarkers in Medicine</i> , 2016 , 10, 197-208	2.3	8
68	Cartilage collagen type II seromarker patterns in axial spondyloarthritis and psoriatic arthritis: associations with disease activity, smoking and HLA-B27. <i>Rheumatology International</i> , 2016 , 36, 541-9	3.6	8
67	The development and characterization of an ELISA specifically detecting the active form of cathepsin K. <i>Clinical Biochemistry</i> , 2013 , 46, 1601-6	3.5	8
66	IL-37 diminishes proteoglycan loss in human OA cartilage: donor-specific link between IL-37 and MMP-3. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 148-157	6.2	8
65	Clinical and biochemical factors associated with risk of total joint replacement and radiographic progression in osteoarthritis: Data from two phase III clinical trials. <i>Seminars in Arthritis and Rheumatism</i> , 2020 , 50, 1374-1381	5.3	8
64	IL-6 receptor inhibition modulates type III collagen and C-reactive protein degradation in rheumatoid arthritis patients with an inadequate response to anti-tumour necrosis factor therapy: analysis of connective tissue turnover in the tocilizumab RADIATE study. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36, 568-574	2.2	8
63	Characterization of the interleukin-17 effect on articular cartilage in a translational model: an explorative study. <i>BMC Rheumatology</i> , 2020 , 4, 30	2.9	7
62	Correlation between serological biomarkers of extracellular matrix turnover and lung fibrosis and pulmonary artery hypertension in patients with systemic sclerosis. <i>International Journal of Rheumatic Diseases</i> , 2020 , 23, 532-539	2.3	7

61	Soluble biochemical markers of osteoarthritis: Are we close to using them in clinical practice?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2017 , 31, 705-720	5.3	7
60	Metabolites of type I, II, III, and IV collagen may serve as markers of disease activity in axial spondyloarthritis. <i>Scientific Reports</i> , 2019 , 9, 11218	4.9	7
59	The effect of protease inhibitors on the induction of osteoarthritis-related biomarkers in bovine full-depth cartilage explants. <i>PLoS ONE</i> , 2015 , 10, e0122700	3.7	7
58	Glucocorticoids exert context-dependent effects on cells of the joint in vitro. <i>Steroids</i> , 2011 , 76, 1474-82	2.8	7
57	Molecular serum and urine marker repertoire supporting clinical research on joint diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2011 , 25, 859-72	5.3	7
56	Excessive matrix metalloprotease-mediated degradation of interstitial tissue (type I collagen) independently predicts short-term survival in an observational study of postmenopausal women diagnosed with cancer. <i>Oncotarget</i> , 2017 , 8, 52501-52510	3.3	7
55	Bone phenotypes in rheumatology - there is more to bone than just bone. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 789	2.8	7
54	Citrullinated vimentin and biglycan protein fingerprints as candidate serological biomarkers for disease activity in systemic sclerosis: a pilot study. <i>Biomarkers</i> , 2019 , 24, 249-254	2.6	7
53	Etanercept therapy leads to reductions in matrix metalloproteinase-3 in patients with erosive hand osteoarthritis. <i>Scandinavian Journal of Rheumatology</i> , 2020 , 49, 167-168	1.9	7
52	Profiling and targeting connective tissue remodeling in autoimmunity - A novel paradigm for diagnosing and treating chronic diseases. <i>Autoimmunity Reviews</i> , 2021 , 20, 102706	13.6	7
51	Identification of pain categories associated with change in pain in patients receiving placebo: data from two phase 3 randomized clinical trials in symptomatic knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 17	2.8	6
50	A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. <i>Journal of Orthopaedics and Traumatology</i> , 2021 , 22, 10	5	6
49	Changes of patient-reported outcomes and protein fingerprint biomarkers after exercise therapy for axial spondyloarthritis. <i>Clinical Rheumatology</i> , 2019 , 38, 173-179	3.9	6
48	Type I and III collagen turnover is increased in axial spondyloarthritis and psoriatic arthritis. Associations with disease activity and diagnostic capacity. <i>Clinical and Experimental Rheumatology</i> , 2017 , 35, 653-659	2.2	6
47	The VICM biomarker is released from activated macrophages and inhibited by anti-GM-CSFR α mAb treatment in rheumatoid arthritis patients. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 73-80	2.2	6
46	Metabolites of C-reactive protein and vimentin are associated with disease activity of axial spondyloarthritis. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 358-366	2.2	6
45	Bringing cancer serological diagnosis to a new level: focusing on HER2, protein ectodomain shedding and neoepitope technology. <i>Future Oncology</i> , 2013 , 9, 35-44	3.6	5
44	Serological Assessment of the Quality of Wound Healing Processes in Crohn's Disease. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2019 , 28, 175-182	1.4	5

43	Increased remodelling of interstitial collagens and basement membrane is suppressed by treatment in patients with rheumatoid arthritis: serological evaluation of a one-year prospective study of 149 Japanese patients. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36, 462-470	2.2	5
42	Association of metabolites reflecting type III and VI collagen formation with modified Rodnan skin score in systemic sclerosis - a cross-sectional study. <i>Biomarkers</i> , 2019 , 24, 373-378	2.6	4
41	Serum Biomarkers for Connective Tissue and Basement Membrane Remodeling are Associated with Vertebral Endplate Bone Marrow Lesions as Seen on MRI (Modic Changes). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
40	Incidence of total hip and total knee replacements from the prospective epidemiologic risk factor study: considerations for event driven clinical trial design. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 303	2.8	4
39	The inhibitory effect of salmon calcitonin on tri-iodothyronine induction of early hypertrophy in articular cartilage. <i>PLoS ONE</i> , 2012 , 7, e40081	3.7	4
38	Unique insight into microenvironmental changes in colorectal cancer: assessment of matrix metalloprotease-mediated molecular changes in human colorectal tumor tissue and corresponding non-neoplastic adjacent tissue. <i>Oncology Letters</i> , 2017 , 13, 3774-3780	2.6	4
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6	Considerations for understanding protein measurements: Identification of formation, degradation and more pathological relevant epitopes. <i>Clinical Biochemistry</i> , 2021 , 97, 11-24	3.5	1
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