

Virginia B Kraus

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

7,985
citations

53660

45
h-index

62479

80
g-index

199
all docs

199
docs citations

199
times ranked

9455
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivariable Modeling of Biomarker Data From the Phase I Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. <i>Arthritis Care and Research</i> , 2022, 74, 1142-1153.	1.5	25
2	Predictors of Lumbar Spine Degeneration and Low Back Pain in the Community: The Johnston County Osteoarthritis Project. <i>Arthritis Care and Research</i> , 2022, 74, 1659-1666.	1.5	7
3	Clinical monitoring in osteoarthritis: Biomarkers. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1159-1173.	0.6	5
4	Glucosamine use, smoking and risk of incident chronic obstructive pulmonary disease: a large prospective cohort study. <i>British Journal of Nutrition</i> , 2022, 128, 721-732.	1.2	3
5	Blood and urine biomarkers in osteoarthritis – an update on cartilage associated type II collagen and aggrecan markers. <i>Current Opinion in Rheumatology</i> , 2022, 34, 54-60.	2.0	28
6	Intra-Articular Synovial Fluid With Hematoma After Ankle Fracture Promotes Cartilage Damage In Vitro Partially Attenuated by Anti-Inflammatory Agents. <i>Foot and Ankle International</i> , 2022, 43, 426-438.	1.1	2
7	Albumin-Corrected Fructosamine Predicts All-Cause and Non-CVD Mortality Among the Very Elderly Aged 80 Years or Older Without Diabetes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1673-1682.	1.7	2
8	Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIE, a multicentre, phase 2, randomised controlled trial. <i>EClinicalMedicine</i> , 2022, 43, 101261.	3.2	26
9	CBX4 Regulates Replicative Senescence of WI-38 Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	0
10	Single cell transcriptomics in human osteoarthritis synovium and in silico deconvoluted bulk RNA sequencing. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 475-480.	0.6	15
11	Longitudinal association of infrapatellar fat pad signal intensity alteration with biochemical biomarkers in knee osteoarthritis. <i>Rheumatology</i> , 2022, 62, 439-449.	0.9	4
12	The obesity paradox is mostly driven by decreased noncardiovascular disease mortality in the oldest old in China: a 20-year prospective cohort study. <i>Nature Aging</i> , 2022, 2, 389-396.	5.3	32
13	Biomarker clusters differentiate phenotypes of lumbar spine degeneration and low back pain: The Johnston County Osteoarthritis Project. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100270.	0.9	7
14	Rejuvenation of neutrophils and their extracellular vesicles is associated with enhanced aged fracture healing. <i>Aging Cell</i> , 2022, 21, .	3.0	11
15	Tibiofemoral knee osteoarthritis progresses symmetrically by knee compartment in the GOGO cohort. <i>Osteoarthritis and Cartilage Open</i> , 2022, 4, 100288.	0.9	1
16	Initial displacement of the intra-articular surface after articular fracture correlates with PTA in C57BL/6 mice but not –superhealer– MRL/MpJ mice. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1977-1987.	1.2	1
17	Osteoarthritis: Current Molecular Biomarkers and the Way Forward. <i>Calcified Tissue International</i> , 2021, 109, 329-338.	1.5	34
18	Increase in Free and Total Plasma TGF- β 1 Following Physical Activity. <i>Cartilage</i> , 2021, 13, 1741S-1748S.	1.4	4

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19	Synergistic Roles of Macrophages and Neutrophils in Osteoarthritis Progression. <i>Arthritis and Rheumatology</i> , 2021, 73, 89-99.	2.9	72
20	Profiling and targeting connective tissue remodeling in autoimmunity - A novel paradigm for diagnosing and treating chronic diseases. <i>Autoimmunity Reviews</i> , 2021, 20, 102706.	2.5	16
21	Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Resistance and Type 2 Diabetes Risk in the STRRIDE Randomized Trials. <i>Frontiers in Physiology</i> , 2021, 12, 626142.	1.3	11
22	A low cartilage formation and repair endotype predicts radiographic progression of symptomatic knee osteoarthritis. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 10.	1.0	19
23	A phase 2 trial of the somatostatin analog pasireotide to prevent GI toxicity and acute GVHD in allogeneic hematopoietic stem cell transplant. <i>PLoS ONE</i> , 2021, 16, e0252995.	1.1	3
24	A template for physical resilience research in older adults: Methods of the <sc>PRIME&KNEE</sc> study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3232-3241.	1.3	13
25	Extracellular Vesicles as Biological Indicators and Potential Sources of Autologous Therapeutics in Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8351.	1.8	10
26	A matrix metalloproteinase-generated neoepitope of CRP can identify knee and multi-joint inflammation in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2021, 23, 226.	1.6	13
27	Association of sleep and circadian patterns and genetic risk with incident type 2 diabetes: a large prospective population-based cohort study. <i>European Journal of Endocrinology</i> , 2021, 185, 765-774.	1.9	8
28	TNF- α Carried by Plasma Extracellular Vesicles Predicts Knee Osteoarthritis Progression. <i>Frontiers in Immunology</i> , 2021, 12, 758386.	2.2	9
29	Healthy Sleep Associated With Lower Risk of Hypertension Regardless of Genetic Risk: A Population-Based Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 769130.	1.1	8
30	Associations of Sarcopenia, Handgrip Strength and Calf Circumference with Cognitive Impairment among Chinese Older Adults.. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 859-870.	0.2	4
31	Specific Leisure Activities and Cognitive Functions Among the Oldest-Old: The Chinese Longitudinal Healthy Longevity Survey. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 739-746.	1.7	47
32	Different Phenotypes of Osteoarthritis in the Lumbar Spine Reflected by Demographic and Clinical Characteristics: The Johnston County Osteoarthritis Project. <i>Arthritis Care and Research</i> , 2020, 72, 974-981.	1.5	8
33	Joint Fluid Proteome after Anterior Cruciate Ligament Rupture Reflects an Acute Posttraumatic Inflammatory and Chondrodegenerative State. <i>Cartilage</i> , 2020, 11, 329-337.	1.4	32
34	Higher dietary diversity scores and protein-rich food consumption were associated with lower risk of all-cause mortality in the oldest old. <i>Clinical Nutrition</i> , 2020, 39, 2246-2254.	2.3	38
35	Trends in the Incidence of Activities of Daily Living Disability Among Chinese Older Adults From 2002 to 2014. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2113-2118.	1.7	17
36	Immune cell extracellular vesicles and their mitochondrial content decline with ageing. <i>Immunity and Ageing</i> , 2020, 17, 1.	1.8	64

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37	Inflammatory, Structural, and Pain Biochemical Biomarkers May Reflect Radiographic Disc Space Narrowing: The Johnston County Osteoarthritis Project. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1027-1037.	1.2	10
38	Long-term exposure to PM2.5 and incidence of disability in activities of daily living among oldest old. <i>Environmental Pollution</i> , 2020, 259, 113910.	3.7	29
39	The combination of an inflammatory peripheral blood gene expression and imaging biomarkers enhance prediction of radiographic progression in knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 208.	1.6	11
40	Rejuvenation of Neutrophil Functions in Association With Reduced Diabetes Risk Following Ten Weeks of Low-Volume High Intensity Interval Walking in Older Adults With Prediabetes – A Pilot Study. <i>Frontiers in Immunology</i> , 2020, 11, 729.	2.2	23
41	Development and Validation of a Nomogram for Predicting the 6-Year Risk of Cognitive Impairment Among Chinese Older Adults. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 864-871.e6.	1.2	15
42	Fine Particulate Matter and Poor Cognitive Function among Chinese Older Adults: Evidence from a Community-Based, 12-Year Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2020, 128, 67013.	2.8	57
43	Associations of habitual fish oil supplementation with cardiovascular outcomes and all cause mortality: evidence from a large population based cohort study. <i>BMJ, The</i> , 2020, 368, m456.	3.0	50
44	Meteorin-like facilitates skeletal muscle repair through a Stat3/IGF-1 mechanism. <i>Nature Metabolism</i> , 2020, 2, 278-289.	5.1	87
45	Faecal microbiota transplantation from metabolically compromised human donors accelerates osteoarthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 646-656.	0.5	55
46	Metabolic and physiological effects of high intensity interval training in patients with knee osteoarthritis: A pilot and feasibility study. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100083.	0.9	7
47	Synovial cell cross-talk with cartilage plays a major role in the pathogenesis of osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 10868.	1.6	161
48	Long-term exposure to ambient fine particulate matter and fasting blood glucose level in a Chinese elderly cohort. <i>Science of the Total Environment</i> , 2020, 717, 137191.	3.9	8
49	Is the association between knee injury and knee osteoarthritis modified by the presence of general joint hypermobility?. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100045.	0.9	3
50	Association of cognitive impairment and elderly mortality: differences between two cohorts ascertained 6-years apart in China. <i>BMC Geriatrics</i> , 2020, 20, 29.	1.1	43
51	Number of natural teeth, denture use and mortality in Chinese elderly: a population-based prospective cohort study. <i>BMC Oral Health</i> , 2020, 20, 100.	0.8	22
52	Associations of regular glucosamine use with all-cause and cause-specific mortality: a large prospective cohort study. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 829-836.	0.5	55
53	Interleukin 1 receptor antagonist (<i>IL1RN</i>) gene variants predict radiographic severity of knee osteoarthritis and risk of incident disease. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 400-407.	0.5	35
54	Transgenic conversion of 6 to 3 polyunsaturated fatty acids via fat-1 reduces the severity of post-traumatic osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 83.	1.6	16

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55	Biomarkers Associated with Physical Resilience After Hip Fracture. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, e166-e172.	1.7	19
56	Leisure activities and disability in activities of daily living among the oldest-old Chinese population: evidence from the Chinese Longitudinal Healthy Longevity Study. <i>Aging</i> , 2020, 12, 10687-10703.	1.4	7
57	Relationship of Joint Hypermobility with Ankle and Foot Radiographic Osteoarthritis and Symptoms in a Community-Based Cohort. <i>Arthritis Care and Research</i> , 2019, 71, 538-544.	1.5	16
58	Association Between Late-Life Blood Pressure and the Incidence of Cognitive Impairment: A Community-Based Prospective Cohort Study. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 177-182.e2.	1.2	29
59	Age-Related Adverse Inflammatory and Metabolic Changes Begin Early in Adulthood. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 283-289.	1.7	15
60	Meta-analysis of pain and function placebo responses in pharmacological osteoarthritis trials. <i>Arthritis Research and Therapy</i> , 2019, 21, 173.	1.6	19
61	Plasma MicroRNAs in Established Rheumatoid Arthritis Relate to Adiposity and Altered Plasma and Skeletal Muscle Cytokine and Metabolic Profiles. <i>Frontiers in Immunology</i> , 2019, 10, 1475.	2.2	13
62	Biomarkers and osteoarthritis. , 2019, , 429-444.		3
63	Analysis of "old" proteins unmask dynamic gradient of cartilage turnover in human limbs. <i>Science Advances</i> , 2019, 5, eaax3203.	4.7	34
64	Associations of plasma high-sensitivity C-reactive protein concentrations with all-cause and cause-specific mortality among middle-aged and elderly individuals. <i>Immunity and Ageing</i> , 2019, 16, 28.	1.8	15
65	Triglycerides Paradox Among the Oldest Old: "The Lower the Better?". <i>Journal of the American Geriatrics Society</i> , 2019, 67, 741-748.	1.3	37
66	Establishing outcome measures in early knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2019, 15, 438-448.	3.5	88
67	Glycated Hemoglobin and All-Cause and Cause-Specific Mortality Among Adults With and Without Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3345-3354.	1.8	31
68	High-Density Lipoprotein Cholesterol and All-Cause and Cause-Specific Mortality Among the Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3370-3378.	1.8	35
69	Synovial fluid biomarkers associated with osteoarthritis severity reflect macrophage and neutrophil related inflammation. <i>Arthritis Research and Therapy</i> , 2019, 21, 146.	1.6	112
70	Associations between superoxide dismutase, malondialdehyde and all-cause mortality in older adults: a community-based cohort study. <i>BMC Geriatrics</i> , 2019, 19, 104.	1.1	45
71	Joint hypermobility is not positively associated with prevalent multiple joint osteoarthritis: a cross-sectional study of older adults. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 165.	0.8	9
72	Dietary Diversity Was Positively Associated with Psychological Resilience among Elders: A Population-Based Study. <i>Nutrients</i> , 2019, 11, 650.	1.7	24

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73	Relationship of joint hypermobility with low Back pain and lumbar spine osteoarthritis. BMC Musculoskeletal Disorders, 2019, 20, 158.	0.8	15
74	Plasma 25-Hydroxyvitamin D Concentrations Are Inversely Associated with All-Cause Mortality among a Prospective Cohort of Chinese Adults Aged ≥80 Years. Journal of Nutrition, 2019, 149, 1056-1064.	1.3	6
75	Safety and Efficacy of Repeat Administration of Triamcinolone Acetonide Extended-release in Osteoarthritis of the Knee: A Phase 3b, Open-label Study. Rheumatology and Therapy, 2019, 6, 109-124.	1.1	24
76	Combined associations of hs-CRP and cognitive function with all-cause mortality among oldest-old adults in Chinese longevity areas: a prospective cohort study. Immunity and Ageing, 2019, 16, 30.	1.8	8
77	Effects of Physical Activity in Knee and Hip Osteoarthritis: A Systematic Umbrella Review. Medicine and Science in Sports and Exercise, 2019, 51, 1324-1339.	0.2	110
78	Proposed study designs for approval based on a surrogate endpoint and a post-marketing confirmatory study under FDA's accelerated approval regulations for disease modifying osteoarthritis drugs. Osteoarthritis and Cartilage, 2019, 27, 571-579.	0.6	33
79	Defining multiple joint osteoarthritis, its frequency and impact in a community-based cohort. Seminars in Arthritis and Rheumatism, 2019, 48, 950-957.	1.6	31
80	Lowering circulating apolipoprotein E levels improves aged bone fracture healing. JCI Insight, 2019, 4, .	2.3	21
81	Effects of a Single Intra-Articular Injection of a Microsphere Formulation of Triamcinolone Acetonide on Knee Osteoarthritis Pain. Journal of Bone and Joint Surgery - Series A, 2018, 100, 666-677.	1.4	120
82	Evidence and mechanism by which upper partial fibulectomy improves knee biomechanics and decreases knee pain of osteoarthritis. Journal of Orthopaedic Research, 2018, 36, 2099-2108.	1.2	12
83	Synovial Fluid Profile at the Time of Anterior Cruciate Ligament Reconstruction and Its Association With Cartilage Matrix Composition 3 Years After Surgery. American Journal of Sports Medicine, 2018, 46, 890-899.	1.9	64
84	Upper partial fibulectomy improves knee biomechanics and function and decreases knee pain of osteoarthritis: A pilot and biomechanical study. Journal of Biomechanics, 2018, 71, 22-29.	0.9	22
85	Association between general joint hypermobility and knee, hip, and lumbar spine osteoarthritis by race: a cross-sectional study. Arthritis Research and Therapy, 2018, 20, 76.	1.6	22
86	Predictive Validity of Radiographic Trabecular Bone Texture in Knee Osteoarthritis. Arthritis and Rheumatology, 2018, 70, 80-87.	2.9	46
87	Effect of high-intensity interval training on muscle remodeling in rheumatoid arthritis compared to prediabetes. Arthritis Research and Therapy, 2018, 20, 283.	1.6	18
88	Association of Body Mass Index With Disability in Activities of Daily Living Among Chinese Adults 80 Years of Age or Older. JAMA Network Open, 2018, 1, e181915.	2.8	48
89	Associations of Body Mass Index and Waist Circumference with 3-Year All-Cause Mortality Among the Oldest Old: Evidence from a Chinese Community-Based Prospective Cohort Study. Journal of the American Medical Directors Association, 2018, 19, 672-678.e4.	1.2	27
90	Biomarkers as drug development tools: discovery, validation, qualification and use. Nature Reviews Rheumatology, 2018, 14, 354-362.	3.5	122

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91	Dietary Patterns Associated with Cognitive Function among the Older People in Underdeveloped Regions: Finding from the NCDFaC Study. <i>Nutrients</i> , 2018, 10, 464.	1.7	13
92	Ten weeks of high-intensity interval walk training is associated with reduced disease activity and improved innate immune function in older adults with rheumatoid arthritis: a pilot study. <i>Arthritis Research and Therapy</i> , 2018, 20, 127.	1.6	98
93	Combined Inflammation and Metabolism Biomarker Indices of Robust and Impaired Physical Function in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1353-1359.	1.3	6
94	Biomarkers of inflammation “LBP and TLR” predict progression of knee osteoarthritis in the DOXY clinical trial. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 1658-1665.	0.6	40
95	Revisiting the association of blood pressure with mortality in oldest old people in China: community based, longitudinal prospective study. <i>BMJ: British Medical Journal</i> , 2018, 361, k2158.	2.4	112
96	Logistical challenges and design considerations for studies using acute anterior cruciate ligament injury as a potential model for early posttraumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 641-650.	1.2	27
97	A U-shaped Association Between Blood Pressure and Cognitive Impairment in Chinese Elderly. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 193.e7-193.e13.	1.2	39
98	Predictive validity of biochemical biomarkers in knee osteoarthritis: data from the FNIH OA Biomarkers Consortium. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 186-195.	0.5	187
99	Molecular alterations in skeletal muscle in rheumatoid arthritis are related to disease activity, physical inactivity, and disability. <i>Arthritis Research and Therapy</i> , 2017, 19, 12.	1.6	63
100	Establishment of reference intervals for osteoarthritis-related soluble biomarkers: the FNIH/OARSI OA Biomarkers Consortium. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 179-185.	0.5	39
101	Does a lack of physical activity explain the rheumatoid arthritis lipid profile?. <i>Lipids in Health and Disease</i> , 2017, 16, 39.	1.2	15
102	Conditional Macrophage Depletion Increases Inflammation and Does Not Inhibit the Development of Osteoarthritis in Obese Macrophage Fas-induced Apoptosis Transgenic Mice. <i>Arthritis and Rheumatology</i> , 2017, 69, 1772-1783.	2.9	94
103	Inflammatory Microenvironment Persists After Bone Healing in Intra-articular Ankle Fractures. <i>Foot and Ankle International</i> , 2017, 38, 479-484.	1.1	39
104	Cartilage biomarkers in the osteoarthropathy of alkaptonuria reveal low turnover and accelerated ageing. <i>Rheumatology</i> , 2017, 56, 156-164.	0.9	25
105	Time-Dependent Effects on Synovial Fluid Composition During the Acute Phase of Human Intra-articular Ankle Fracture. <i>Foot and Ankle International</i> , 2017, 38, 1055-1063.	1.1	25
106	A Multicenter Study of Early Anti-inflammatory Treatment in Patients With Acute Anterior Cruciate Ligament Tear. <i>American Journal of Sports Medicine</i> , 2017, 45, 325-333.	1.9	91
107	Association Between Biochemical Markers of Bone Turnover and Bone Changes on Imaging: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2017, 69, 1179-1191.	1.5	21
108	Matrix metalloproteinase activity and prostaglandin E2 are elevated in the synovial fluid of meniscus tear patients. <i>Connective Tissue Research</i> , 2017, 58, 305-316.	1.1	39

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109	Intravenous and Topical Tranexamic Acid Alone Are Superior to Tourniquet Use for Primary Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 2053-2061.	1.4	121
110	Chondroitin Sulfate Inhibits Monocyte Chemoattractant Protein-1 Release From 3T3-L1 Adipocytes: A New Treatment Opportunity for Obesity-Related Inflammation?. <i>Biomarker Insights</i> , 2017, 12, 117727191772696.	1.0	8
111	Cytokine biomarkers in tear film for primary open-angle glaucoma. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 411-416.	0.9	24
112	Serum N-propeptide of collagen IIA (PIIANP) as a marker of radiographic osteoarthritis burden. <i>PLoS ONE</i> , 2017, 12, e0190251.	1.1	11
113	Semiquantitative Imaging Biomarkers of Knee Osteoarthritis Progression: Data From the Foundation for the National Institutes of Health Osteoarthritis Biomarkers Consortium. <i>Arthritis and Rheumatology</i> , 2016, 68, 2422-2431.	2.9	110
114	Impact of glomerular filtration rate in colchicine toxicity. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, e25.	1.6	0
115	Semi-quantitative MRI biomarkers of knee osteoarthritis progression in the FNIH biomarkers consortium cohort - Methodologic aspects and definition of change. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 466.	0.8	48
116	Osteoarthritis in physical medicine and rehabilitation. <i>Annals of Physical and Rehabilitation Medicine</i> , 2016, 59, 133.	1.1	5
117	A novel inflammatory biomarker, GlycA, associates with disease activity in rheumatoid arthritis and cardio-metabolic risk in BMI-matched controls. <i>Arthritis Research and Therapy</i> , 2016, 18, 86.	1.6	39
118	Does lipopolysaccharide-mediated inflammation have a role in OA?. <i>Nature Reviews Rheumatology</i> , 2016, 12, 123-129.	3.5	170
119	Elucidating the Molecular Composition of Cartilage by Proteomics. <i>Journal of Proteome Research</i> , 2016, 15, 374-388.	1.8	57
120	Effect of Aging on Adipose Tissue Inflammation in the Knee Joints of F344BN Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1131-1140.	1.7	18
121	Longitudinal validation of periarticular bone area and 3D shape as biomarkers for knee OA progression? Data from the FNIH OA Biomarkers Consortium. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1607-1614.	0.5	95
122	A Novel Analytic Technique to Measure Associations Between Circulating Biomarkers and Physical Performance Across the Adult Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 196-202.	1.7	23
123	Xanthine oxidase injurious response in acute joint injury. <i>Clinica Chimica Acta</i> , 2015, 451, 170-174.	0.5	10
124	Low-Grade Inflammation in Symptomatic Knee Osteoarthritis: Prognostic Value of Inflammatory Plasma Lipids and Peripheral Blood Leukocyte Biomarkers. <i>Arthritis and Rheumatology</i> , 2015, 67, 2905-2915.	2.9	93
125	Colchicine effectiveness in symptom and inflammation modification in knee osteoarthritis (COLKOA): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 200.	0.7	20
126	Genome-wide association meta-analyses to identify common genetic variants associated with hallux valgus in Caucasian and African Americans. <i>Journal of Medical Genetics</i> , 2015, 52, 762-769.	1.5	18

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127	The effectiveness of low-level laser therapy for nonspecific chronic low back pain: a systematic review and meta-analysis. <i>Arthritis Research and Therapy</i> , 2015, 17, 360.	1.6	98
128	Low-density lipoprotein cholesterol was inversely associated with 3-year all-cause mortality among Chinese oldest old: Data from the Chinese Longitudinal Healthy Longevity Survey. <i>Atherosclerosis</i> , 2015, 239, 137-142.	0.4	52
129	The Role of Innate Immunity in Osteoarthritis: When Our First Line of Defense Goes On the Offensive. <i>Journal of Rheumatology</i> , 2015, 42, 363-371.	1.0	207
130	Soluble Macrophage Biomarkers Indicate Inflammatory Phenotypes in Patients With Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 956-965.	2.9	188
131	Colchicine—Update on mechanisms of action and therapeutic uses. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 45, 341-350.	1.6	588
132	Inflammatory Cytokines and Matrix Metalloproteinases in the Synovial Fluid After Intra-articular Ankle Fracture. <i>Foot and Ankle International</i> , 2015, 36, 1264-1271.	1.1	76
133	Dietary fatty acid content regulates wound repair and the pathogenesis of osteoarthritis following joint injury. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 2076-2083.	0.5	115
134	Biomarkers and proteomic analysis of osteoarthritis. <i>Matrix Biology</i> , 2014, 39, 56-66.	1.5	68
135	Alpha 1-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, 2440-2449.	2.9	43
136	Gender-dependent association of body mass index and waist circumference with disability in the chinese oldest old. <i>Obesity</i> , 2014, 22, 1918-1925.	1.5	33
137	Monosodium urate crystal induced macrophage inflammation is attenuated by chondroitin sulphate: pre-clinical model for gout prophylaxis?. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 318.	0.8	27
138	Progress in intra-articular therapy. <i>Nature Reviews Rheumatology</i> , 2014, 10, 11-22.	3.5	375
139	Adipose Depots, Not Disease-related Factors, Account for Skeletal Muscle Insulin Sensitivity in Established and Treated Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2014, 41, 1974-1979.	1.0	24
140	The zinc link. <i>Nature</i> , 2014, 507, 441-442.	13.7	20
141	Biomarkers for osteoarthritis: Current position and steps towards further validation. <i>Best Practice and Research in Clinical Rheumatology</i> , 2014, 28, 61-71.	1.4	155
142	Palmitoyl Acyltransferase, Zdhhc13, Facilitates Bone Mass Acquisition by Regulating Postnatal Epiphyseal Development and Endochondral Ossification: A Mouse Model. <i>PLoS ONE</i> , 2014, 9, e92194.	1.1	24
143	In Vivo Imaging of NF- κ B Activity, Pain Sensitivity, and Serum Cytokines in a Rodent Model of Neuropathy. <i>Global Spine Journal</i> , 2014, 4, s-0034-1376757-s-0034-1376757.	1.2	0
144	Genome-wide expression profiles of subchondral bone in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2013, 15, R190.	1.6	103

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145	Subchondral Bone Trabecular Integrity Predicts and Changes Concurrently With Radiographic and Magnetic Resonance Imagingâ€”Determined Knee Osteoarthritis Progression. <i>Arthritis and Rheumatism</i> , 2013, 65, 1812-1821.	6.7	60
146	Protein Modification by Deamidation Indicates Variations in Joint Extracellular Matrix Turnover. <i>Journal of Biological Chemistry</i> , 2012, 287, 4640-4651.	1.6	41
147	HS-CRP AND TRADITIONAL RISK FACTORS: WHO IS STILL SIGNIFICANTLY ASSOCIATED WITH DIABETES IN CHINESE OLDEST-OLD?. <i>Heart</i> , 2012, 98, E155.1-E155.	1.2	1
148	Daily variation of serum acylcarnitines and amino acids. <i>Metabolomics</i> , 2012, 8, 556-565.	1.4	34
149	Patient Evaluation and OA Study Design: OARSI/Biomarker Qualification. <i>HSS Journal</i> , 2012, 8, 64-65.	0.7	3
150	Uric acid is a danger signal of increasing risk for osteoarthritis through inflammasome activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2088-2093.	3.3	219
151	First Qualification Study of Serum Biomarkers as Indicators of Total Body Burden of Osteoarthritis. <i>PLoS ONE</i> , 2010, 5, e9739.	1.1	68
152	Trabecular morphometry by fractal signature analysis is a novel marker of osteoarthritis progression. <i>Arthritis and Rheumatism</i> , 2009, 60, 3711-3722.	6.7	94
153	Post-translational aging of proteins in osteoarthritic cartilage and synovial fluid as measured by isomerized aspartate. <i>Arthritis Research and Therapy</i> , 2009, 11, R55.	1.6	18
154	Inverse association of general joint hypermobility with hand and knee osteoarthritis and serum cartilage oligomeric matrix protein levels. <i>Arthritis and Rheumatism</i> , 2008, 58, 3854-3864.	6.7	30
155	Serum C-Reactive Protein (CRP), Target for Therapy or Trouble?. <i>Biomarker Insights</i> , 2007, 1, 77-80.	1.0	8
156	Collagen Biomarkers for Arthritis Applications. <i>Biomarker Insights</i> , 2006, 1, 117727190600100.	1.0	13
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158	Do biochemical markers have a role in osteoarthritis diagnosis and treatment?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2006, 20, 69-80.	1.4	26
159	Biomarkers in osteoarthritis. <i>Current Opinion in Rheumatology</i> , 2005, 17, 641-646.	2.0	39
160	A comparative assessment of alignment angle of the knee by radiographic and physical examination methods. <i>Arthritis and Rheumatism</i> , 2005, 52, 1730-1735.	6.7	281
161	Ascorbic acid increases the severity of spontaneous knee osteoarthritis in a guinea pig model. <i>Arthritis and Rheumatism</i> , 2004, 50, 1822-1831.	6.7	99
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163	Cyclooxygenase-2 inhibitors and nonsteroidal anti-inflammatory drugs in the management of arthritis. <i>Foot and Ankle Clinics</i> , 2003, 8, 187-200.	0.5	1
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165	Collagen gene expression and mechanical properties of intervertebral disc cell alginate cultures. <i>Journal of Orthopaedic Research</i> , 2001, 19, 2-10.	1.2	133
166	The effects of intravenous doxycycline therapy for rheumatoid arthritis: A randomized, double-blind, placebo-controlled trial. <i>Arthritis and Rheumatism</i> , 2001, 44, 1043-1047.	6.7	24