Ana M Valdes

List of Publications by Year
in descending order

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287 papers	31,966 citations	5430 85 h-index	6349 163 g-index
301 all docs	301 docs citations	301 times ranked	46572 citing authors

#	Article	IF	Citations
1	Upregulated expression of FFAR2 and SOC3 genes is associated with gout. Rheumatology, 2023, 62, 977-983.	0.9	4
2	Role of the gut microbiome in chronic diseases: a narrative review. European Journal of Clinical Nutrition, 2022, 76, 489-501.	1.3	168
3	Clinical and Preclinical Evidence for Roles of Soluble Epoxide Hydrolase in Osteoarthritis Knee Pain. Arthritis and Rheumatology, 2022, 74, 623-633.	2.9	10
4	Body mass index mediates the effect of the DASH diet on hypertension: Common metabolites underlying the association. Journal of Human Nutrition and Dietetics, 2022, 35, 214-222.	1.3	6
5	Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions. Diabetologia, 2022, 65, 356-365.	2.9	29
6	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. Nature, 2022, 601, 110-117.	13.7	280
7	Acceptability of a nurse-led non-pharmacological complex intervention for knee pain: Nurse and patient views and experiences. PLoS ONE, 2022, 17, e0262422.	1.1	3
8	The association of socio-economic and psychological factors with limitations in day-to-day activity over 7Âyears in newly diagnosed osteoarthritis patients. Scientific Reports, 2022, 12, 943.	1.6	4
9	Validity of continuous glucose monitoring for categorizing glycemic responses to diet: implications for use in personalized nutrition. American Journal of Clinical Nutrition, 2022, 115, 1569-1576.	2.2	15
10	Metabolome Genome-Wide Association Study Identifies 74 Novel Genomic Regions Influencing Plasma Metabolites Levels. Metabolites, 2022, 12, 61.	1.3	18
11	Different genes may be involved in distal and local sensitization: A genomeâ€wide geneâ€based association study and metaâ€analysis. European Journal of Pain, 2022, 26, 740-753.	1.4	3
12	Incremental Value of a Panel of Serum Metabolites for Predicting Risk of Atherosclerotic Cardiovascular Disease. Journal of the American Heart Association, 2022, 11, e024590.	1.6	1
13	HLAâ€DR polymorphism in SARSâ€CoVâ€2 infection and susceptibility to symptomatic COVIDâ€19. Immunology, 2022, 166, 68-77.	2.0	18
14	Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study. Lancet, The, 2022, 399, 1618-1624.	6.3	547
15	COVID-19 vaccine waning and effectiveness and side-effects of boosters: a prospective community study from the ZOE COVID Study. Lancet Infectious Diseases, The, 2022, 22, 1002-1010.	4.6	192
16	Has a change in established care pathways during the first wave of the COVID-19 pandemic led to an excess death rate in the fragility fracture population? A longitudinal cohort study of 1846 patients. BMJ Open, 2022, 12, e058526.	0.8	2
17	Effects of temporarily suspending low-dose methotrexate treatment for 2 weeks after SARS-CoV-2 vaccine booster on vaccine response in immunosuppressed adults with inflammatory conditions: protocol for a multicentre randomised controlled trial and nested mechanistic substudy (Vaccine) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	3
18	Postprandial and Fasting Metabolic Signatures: Insights From the ZOE PREDICT 1 Study. Current Developments in Nutrition, 2022, 6, 448.	0.1	0

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19	Comorbidities and use of analgesics in people with knee pain: a study in the Nottingham Knee Pain and Health in the Community (KPIC) cohort. Rheumatology Advances in Practice, 2022, 6, .	0.3	2
20	Effect of a 2-week interruption in methotrexate treatment versus continued treatment on COVID-19 booster vaccine immunity in adults with inflammatory conditions (VROOM study): a randomised, open label, superiority trial. Lancet Respiratory Medicine,the, 2022, 10, 840-850.	5.2	52
21	IgG N-glycome changes during the course of severe COVID-19: An observational study. EBioMedicine, 2022, 81, 104101.	2.7	18
22	Perspective: Leveraging the Gut Microbiota to Predict Personalized Responses to Dietary, Prebiotic, and Probiotic Interventions. Advances in Nutrition, 2022, 13, 1450-1461.	2.9	21
23	The role of short-chain fatty acids in the interplay between gut microbiota and diet in cardio-metabolic health. Gut Microbes, 2021, 13, 1-24.	4.3	259
24	Gut Microbial Profile Is Associated With Residential Settings and Not Nutritional Status in Adults in Karnataka, India. Frontiers in Nutrition, 2021, 8, 595756.	1.6	1
25	High intake of vegetables is linked to lower white blood cell profile and the effect is mediated by the gut microbiome. BMC Medicine, 2021, 19, 37.	2.3	30
26	Effectiveness of Internet-Based Exercises Aimed at Treating Knee Osteoarthritis. JAMA Network Open, 2021, 4, e210012.	2.8	59
27	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. Science Advances, 2021, 7, .	4.7	36
28	Metabolic signatures of osteoarthritis in urine using liquid chromatographyâ€high resolution tandem mass spectrometry. Metabolomics, 2021, 17, 29.	1.4	14
29	Î²-blocker prescription is associated with lower cumulative risk of knee osteoarthritis and knee pain consultations in primary care: a propensity scoreâ€“matched cohort study. Rheumatology, 2021, 60, 5686-5696.	0.9	10
30	Blue poo: impact of gut transit time on the gut microbiome using a novel marker. Gut, 2021, 70, 1665-1674.	6.1	84
31	Longitudinal assessment of symptoms and risk of SARS-CoV-2 infection in healthcare workers across 5 hospitals to understand ethnic differences in infection risk.. EClinicalMedicine, 2021, 34, 100835.	3.2	20
32	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. Science, 2021, 372, 1418-1423.	6.0	286
33	Postprandial glycaemic dips predict appetite and energy intake in healthy individuals. Nature Metabolism, 2021, 3, 523-529.	5.1	47
34	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. BMJ Nutrition, Prevention and Health, 2021, 4, 149-157.	1.9	91
35	Gut microbiome diversity and composition is associated with hypertension in women. Journal of Hypertension, 2021, 39, 1810-1816.	0.3	22
36	Meal-induced inflammation: postprandial insights from the Personalised REsponses to DIetary Composition Trial (PREDICT) study in 1000 participants. American Journal of Clinical Nutrition, 2021, 114, 1028-1038.	2.2	43

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37	Fidelity assessment of nurse-led non-pharmacological package of care for knee pain in the package development phase of a feasibility randomised controlled trial based in secondary care: a mixed methods study. BMJ Open, 2021, 11, e045242.	0.8	4
38	Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study. Lancet Infectious Diseases, The, 2021, 21, 939-949.	4.6	744
39	N-glycosylation of immunoglobulin G predicts incident hypertension. Journal of Hypertension, 2021, 39, 2527-2533.	0.3	13
40	Dietary Interventions Reduce Traditional and Novel Cardiovascular Risk Markers by Altering the Gut Microbiome and Their Metabolites. Frontiers in Cardiovascular Medicine, 2021, 8, 691564.	1.1	25
41	Circulating Levels of the Short-Chain Fatty Acid Acetate Mediate the Effect of the Gut Microbiome on Visceral Fat. Frontiers in Microbiology, 2021, 12, 711359.	1.5	86
42	Two doses of the SARS-CoV-2 BNT162b2 vaccine enhance antibody responses to variants in individuals with prior SARS-CoV-2 infection. Science Translational Medicine, 2021, 13, eabj0847.	5.8	40
43	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. Cell, 2021, 184, 4784-4818.e17.	13.5	188
44	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. Nature Medicine, 2021, 27, 321-332.	15.2	477
45	The prebiotic effects of omega-3 fatty acid supplementation: A six-week randomised intervention trial. Gut Microbes, 2021, 13, 1-11.	4.3	63
46	Effects of an isoenergetic low Glycaemic Index (GI) diet on liver fat accumulation and gut microbiota composition in patients with non-alcoholic fatty liver disease (NAFLD): a study protocol of an efficacy mechanism evaluation. BMJ Open, 2021, 11, e045802.	0.8	2
47	The anti-inflammatory effect of bacterial short chain fatty acids is partially mediated by endocannabinoids. Gut Microbes, 2021, 13, 1997559.	4.3	34
48	A High Protein Diet Is More Effective in Improving Insulin Resistance and Glycemic Variability Compared to a Mediterranean Dietâ€"A Cross-Over Controlled Inpatient Dietary Study. Nutrients, 2021, 13, 4380.	1.7	25
49	Metabolic syndrome and osteoarthritis pain: common molecular mechanisms and potential therapeutic implications. Osteoarthritis and Cartilage, 2020, 28, 7-9.	0.6	18
50	Lower gut microbiome diversity and higher abundance of proinflammatory genus Collinsella are associated with biopsy-proven nonalcoholic steatohepatitis. Gut Microbes, 2020, 11, 569-580.	4.3	125
51	Baseline self-report â€˜central mechanismsâ€™ trait predicts persistent knee pain in the Knee Pain in the Community (KPIC) cohort. Osteoarthritis and Cartilage, 2020, 28, 173-181.	0.6	15
52	IL-15 and IL15RA in Osteoarthritis: Association With Symptoms and Protease Production, but Not Structural Severity. Frontiers in Immunology, 2020, 11, 1385.	2.2	19
53	East Midlands knee pain multiple randomised controlled trial cohort study: cohort establishment and feasibility study protocol. BMJ Open, 2020, 10, e037760.	0.8	5
54	Role of Drugs Used for Chronic Disease Management on Susceptibility and Severity of COVIDâ€19: A Large Caseâ€Control Study. Clinical Pharmacology and Therapeutics, 2020, 108, 1185-1194.	2.3	49

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55	Are facemasks a priority for all staff in theatre to prevent surgical site infections during shortages of supply? A systematic review and meta-analysis. Journal of the Royal College of Surgeons of Edinburgh, 2020, 19, e132-e139.	0.8	7
56	Real-time tracking of self-reported symptoms to predict potential COVID-19. Nature Medicine, 2020, 26, 1037-1040.	15.2	1,173
57	Brain perfusion patterns are altered in chronic knee pain: a spatial covariance analysis of arterial spin labelling MRI. Pain, 2020, 161, 1255-1263.	2.0	17
58	Human postprandial responses to food and potential for precision nutrition. Nature Medicine, 2020, 26, 964-973.	15.2	418
59	Serum metabolites reflecting gut microbiome alpha diversity predict type 2 diabetes. Gut Microbes, 2020, 11, 1632-1642.	4.3	65
60	Investigating musculoskeletal health and wellbeing; a cohort study protocol. BMC Musculoskeletal Disorders, 2020, 21, 182.	0.8	10
61	Consumption of Stilbenes and Flavonoids is Linked to Reduced Risk of Obesity Independently of Fiber Intake. Nutrients, 2020, 12, 1871.	1.7	19
62	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. Circulation, 2020, 141, 1393-1403.	1.6	176
63	Effects of Environmental Factors on Severity and Mortality of COVID-19. Frontiers in Medicine, 2020, 7, 607786.	1.2	40
64	Do Î²-adrenoreceptor blocking drugs associate with reduced risk of symptomatic osteoarthritis and total joint replacement in the general population? A primary care-based, prospective cohort study using the Clinical Practice Research Datalink. BMJ Open, 2019, 9, e032050.	0.8	3
65	Gut microbiota and osteoarthritis management: An expert consensus of the European society for clinical and economic aspects of osteoporosis, osteoarthritis and musculoskeletal diseases (ESCEO). Ageing Research Reviews, 2019, 55, 100946.	5.0	103
66	159â€ƒSelf-report central mechanisms trait predicts knee pain persistence in the Knee Pain In the Community (KPIC) cohort. Rheumatology, 2019, 58, .	0.9	0
67	Circulating levels of the anti-oxidant indoleproprionic acid are associated with higher gut microbiome diversity. Gut Microbes, 2019, 10, 688-695.	4.3	67
68	The Metabolomic Signatures of Weight Change. Metabolites, 2019, 9, 67.	1.3	11
69	Microbiome genetics links short-chain fatty acids to metabolic diseases. Nature Metabolism, 2019, 1, 420-421.	5.1	2
70	The impact of anxiety on chronic musculoskeletal pain and the role of astrocyte activation. Pain, 2019, 160, 658-669.	2.0	36
71	Thresholds of ultrasound synovial abnormalities for knee osteoarthritis â€“ a cross sectional study in the general population. Osteoarthritis and Cartilage, 2019, 27, 435-443.	0.6	12
72	Evaluating the efficacy of Internet-Based Exercise programme Aimed at Treating knee Osteoarthritis (iBEAT-OA) in the community: a study protocol for a randomised controlled trial. BMJ Open, 2019, 9, e030564.	0.8	9

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73	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. Nature Genetics, 2018, 50, 652-656.	9.4	86
74	Mitochondrial DNA variation and the pathogenesis of osteoarthritis phenotypes. Nature Reviews Rheumatology, 2018, 14, 327-340.	3.5	112
75	Traits associated with central pain augmentation in the Knee Pain In the Community (KPIC) cohort. Pain, 2018, 159, 1035-1044.	2.0	31
76	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	5.8	295
77	Glycosylation Profile of Immunoglobulin G Is Cross-Sectionally Associated With Cardiovascular Disease Risk Score and Subclinical Atherosclerosis in Two Independent Cohorts. Circulation Research, 2018, 122, 1555-1564.	2.0	87
78	First validation of the gout activity score against gout impact scale in a primary care based gout cohort. Joint Bone Spine, 2018, 85, 323-325.	0.8	12
79	090â€ƒDNA methylation and its relationship with musculoskeletal health in older adults from the Hertfordshire Cohort Study: findings from an epigenome-wide association study. Rheumatology, 2018, 57, .	0.9	1
80	Familial aggregation and heritability of type 1 diabetes mellitus and coaggregation of chronic diseases in affected families. Clinical Epidemiology, 2018, Volume 10, 1447-1455.	1.5	16
81	The fecal metabolome as a functional readout of the gut microbiome. Nature Genetics, 2018, 50, 790-795.	9.4	482
82	Effect of dietary omega-3 fatty acid supplementation on frailty-related phenotypes in older adults: a systematic review and meta-analysis protocol. BMJ Open, 2018, 8, e021344.	0.8	6
83	Osteoarthritis: Genetic Studies ofÂMonogenic and Complex Forms. , 2018, , 421-438.		0
84	Bidirectional association between disturbed sleep and neuropathic pain symptoms: a prospective cohort study in post-total joint replacement participants. Journal of Pain Research, 2018, Volume 11, 1087-1093.	0.8	20
85	Genetic and microbiome influence on lipid metabolism and dyslipidemia. Physiological Genomics, 2018, 50, 117-126.	1.0	84
86	Omega-6 oxylipins generated by soluble epoxide hydrolase are associated with knee osteoarthritis. Journal of Lipid Research, 2018, 59, 1763-1770.	2.0	41
87	Gut microbial diversity is associated with lower arterial stiffness in women. European Heart Journal, 2018, 39, 2390-2397.	1.0	181
88	Contribution of central and peripheral risk factors to prevalence, incidence and progression of knee pain: a community-based cohort study. Osteoarthritis and Cartilage, 2018, 26, 1461-1473.	0.6	17
89	Role of the gut microbiota in nutrition and health. BMJ: British Medical Journal, 2018, 361, k2179.	2.4	1,228
90	Big data boost for osteoarthritis genetics. Nature Reviews Rheumatology, 2018, 14, 387-388.	3.5	8

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91	Metabolomic signatures of low birthweight: Pathways to insulin resistance and oxidative stress. PLoS ONE, 2018, 13, e0194316.	1.1	21
92	Inflammatory markers and mediators in heart disease. Aging, 2018, 10, 3061-3062.	1.4	1
93	Genome-wide association scan of neuropathic pain symptoms post total joint replacement highlights a variant in the protein-kinase C gene. European Journal of Human Genetics, 2017, 25, 446-451.	1.4	39
94	Mixing omics: combining genetics and metabolomics to study rheumatic diseases. Nature Reviews Rheumatology, 2017, 13, 174-181.	3.5	63
95	Pain in knee osteoarthritis is associated with variation in the neurokinin 1/substance P receptor (TACR1) gene. European Journal of Pain, 2017, 21, 1277-1284.	1.4	21
96	Familial aggregation of rheumatoid arthritis and co-aggregation of autoimmune diseases in affected families: a nationwide population-based study. Rheumatology, 2017, 56, 928-933.	0.9	46
97	Gut microbiome diversity and high-fibre intake are related to lower long-term weight gain. International Journal of Obesity, 2017, 41, 1099-1105.	1.6	268
98	Untangling the relationship between diet and visceral fat mass through blood metabolomics and gut microbiome profiling. International Journal of Obesity, 2017, 41, 1106-1113.	1.6	68
99	Mitochondrial DNA haplogroups and ageing mechanisms in osteoarthritis. Annals of the Rheumatic Diseases, 2017, 76, 939-941.	0.5	13
100	Genome-wide association and functional studies identify a role for matrix Gla protein in osteoarthritis of the hand. Annals of the Rheumatic Diseases, 2017, 76, 2046-2053.	0.5	64
101	Association of the resolvin precursor 17-HDHA, but not D- or E- series resolvins, with heat pain sensitivity and osteoarthritis pain in humans. Scientific Reports, 2017, 7, 10748.	1.6	47
102	Omega-3 fatty acids correlate with gut microbiome diversity and production of N-carbamylglutamate in middle aged and elderly women. Scientific Reports, 2017, 7, 11079.	1.6	174
103	Metabolomic Profiling of Longâ€Term Weight Change: Role of Oxidative Stress and Urate Levels in Weight Gain. Obesity, 2017, 25, 1618-1624.	1.5	23
104	Genetic association studies in osteoarthritis: is it fairytale?. Current Opinion in Rheumatology, 2017, 29, 103-109.	2.0	32
105	Association of Betaâ€Blocker Use With Less Prevalent Joint Pain and Lower Opioid Requirement in People With Osteoarthritis. Arthritis Care and Research, 2017, 69, 1076-1081.	1.5	40
106	Familial Aggregation and Heritability of Schizophrenia and Co-aggregation of Psychiatric Illnesses in Affected Families. Schizophrenia Bulletin, 2017, 43, 1070-1078.	2.3	51
107	Triggers of acute attacks of gout, does age of gout onset matter? A primary care based cross-sectional study. PLoS ONE, 2017, 12, e0186096.	1.1	19
108	Association between ultrasound-detected synovitis and knee pain: a population-based caseâ€“control study with both cross-sectional and follow-up data. Arthritis Research and Therapy, 2017, 19, 281.	1.6	32

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109	Neuropathic pain-like symptoms and pre-surgery radiographic severity contribute to patient satisfaction 4.8 years post-total joint replacement. World Journal of Orthopedics, 2017, 8, 761-769.	0.8	6
110	Molecular pathways associated with blood pressure and hexadecanedioate levels. PLoS ONE, 2017, 12, e0175479.	1.1	8
111	The Genetics of Osteoarthritis: A Review. Journal of Functional Morphology and Kinesiology, 2016, 1, 140-153.	1.1	42
112	Novel Genetic Variants for Cartilage Thickness and Hip Osteoarthritis. PLoS Genetics, 2016, 12, e1006260.	1.5	76
113	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. PLoS ONE, 2016, 11, e0153163.	1.1	13
114	Analysis and Visualization Tool for Targeted Amplicon Bisulfite Sequencing on Ion Torrent Sequencers. PLoS ONE, 2016, 11, e0160227.	1.1	24
115	Association of Serum Uric Acid and Disease Duration With Frequent Gout Attacks: A Caseâ€“Control Study. Arthritis Care and Research, 2016, 68, 1573-1577.	1.5	33
116	Replication of Associations of Genetic Loci Outside the HLA Region With Susceptibility to Antiâ€“Cyclic Citrullinated Peptideâ€“Negative Rheumatoid Arthritis. Arthritis and Rheumatology, 2016, 68, 1603-1613.	2.9	33
117	Metabolomic profiling to dissect the role of visceral fat in cardiometabolic health. Obesity, 2016, 24, 1380-1388.	1.5	41
118	Intercritical circulating levels of neo-epitopes reflecting matrixmetalloprotease-driven degradation as markers of gout and frequent gout attacks. Rheumatology, 2016, 55, 1642-1646.	0.9	3
119	Low omega-3 fatty acid levels associate with frequent gout attacks: a case control study. Annals of the Rheumatic Diseases, 2016, 75, 784-785.	0.5	18
120	KIR haplotypes are associated with late-onset type 1 diabetes in Europeanâ€“American families. Genes and Immunity, 2016, 17, 8-12.	2.2	17
121	A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population. Journal of the American Society of Nephrology: JASN, 2016, 27, 1175-1188.	3.0	159
122	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1001976.	3.9	150
123	Osteoarthritis Genetics. , 2016, , 1041-1047.		0
124	DNA Methylation Changes in theIGF1RGene in Birth Weight Discordant Adult Monozygotic Twins. Twin Research and Human Genetics, 2015, 18, 635-646.	0.3	23
125	Circulating Proteomic Signatures of Chronological Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 809-816.	1.7	106
126	Circulating Levels of Antioxidant Vitamins Correlate with Better Lung Function and Reduced Exposure to Ambient Pollution. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1203-1207.	2.5	39

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127	Cardiovascular disease and osteoarthritis: common pathways and patient outcomes. European Journal of Clinical Investigation, 2015, 45, 405-414.	1.7	90
128	Familial Aggregation of Systemic Lupus Erythematosus and Coaggregation of Autoimmune Diseases in Affected Families. JAMA Internal Medicine, 2015, 175, 1518.	2.6	221
129	Familial Risk of SjÃ¶gren's Syndrome and Coâ€aggregation of Autoimmune Diseases in Affected Families: A Nationwide Population Study. Arthritis and Rheumatology, 2015, 67, 1904-1912.	2.9	79
130	Metabolomic study of carotidâ€“femoral pulse-wave velocity in women. Journal of Hypertension, 2015, 33, 791-796.	0.3	57
131	Familial aggregation of gout and relative genetic and environmental contributions: a nationwide population study in Taiwan. Annals of the Rheumatic Diseases, 2015, 74, 369-374.	0.5	67
132	Metabolomic Identification of a Novel Pathway of Blood Pressure Regulation Involving Hexadecanedioate. Hypertension, 2015, 66, 422-429.	1.3	90
133	The UK10K project identifies rare variants in health and disease. Nature, 2015, 526, 82-90.	13.7	1,014
134	Genome-wide association and functional studies identify a role forIGFBP3in hip osteoarthritis. Annals of the Rheumatic Diseases, 2015, 74, 1861-1867.	0.5	47
135	Use of prescription analgesic medication and pain catastrophizing after total joint replacement surgery. Seminars in Arthritis and Rheumatism, 2015, 45, 150-155.	1.6	24
136	Genetics of osteoarthritis. , 2015, , 1477-1482.		0
137	Osteoarthritis Genetics. , 2015, , 1-8.		0
138	Meta-analysis identifies loci affecting levels of the potential osteoarthritis biomarkers sCOMP and uCTX-II with genome wide significance. Journal of Medical Genetics, 2014, 51, 596-604.	1.5	18
139	Assessment of Osteoarthritis Candidate Genes in a Metaâ€Analysis of Nine Genomeâ€Wide Association Studies. Arthritis and Rheumatology, 2014, 66, 940-949.	2.9	108
140	The effect ofFTOvariation on increased osteoarthritis risk is mediated through body mass index: a mendelian randomisation study. Annals of the Rheumatic Diseases, 2014, 73, 2082-2086.	0.5	66
141	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. Annals of the Rheumatic Diseases, 2014, 73, 2130-2136.	0.5	108
142	Glycans Are a Novel Biomarker of Chronological and Biological Ages. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 779-789.	1.7	297
143	Variants Close to NTRK2 Gene Are Associated With Birth Weight in Female Twins. Twin Research and Human Genetics, 2014, 17, 254-261.	0.3	16
144	An atlas of genetic influences on human blood metabolites. Nature Genetics, 2014, 46, 543-550.	9.4	1,084

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145	Prediction model for knee osteoarthritis incidence, including clinical, genetic and biochemical risk factors. Annals of the Rheumatic Diseases, 2014, 73, 2116-2121.	0.5	111
146	Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. European Journal of Epidemiology, 2014, 29, 629-638.	2.5	23
147	Contribution of the COMT Val158Met variant to symptomatic knee osteoarthritis. Annals of the Rheumatic Diseases, 2014, 73, 315-317.	0.5	18
148	Use of statins is associated with a lower prevalence of generalised osteoarthritis. Annals of the Rheumatic Diseases, 2014, 73, 943-945.	0.5	30
149	Severe osteoarthritis of the hand associates with common variants within the ALDH1A2 gene and with rare variants at 1p31. Nature Genetics, 2014, 46, 498-502.	9.4	136
150	Design and Analysis of Metabolomics Studies in Epidemiologic Research: A Primer on -Omic Technologies. American Journal of Epidemiology, 2014, 180, 129-139.	1.6	152
151	History of knee surgery is associated with higher prevalence of neuropathic pain-like symptoms in patients with severe osteoarthritis of the knee. Seminars in Arthritis and Rheumatism, 2014, 43, 588-592.	1.6	81
152	Large scale meta-analysis of urinary C-terminal telopeptide, serum cartilage oligomeric protein and matrix metalloprotease degraded type II collagen and their role in prevalence, incidence and progression of osteoarthritis. Osteoarthritis and Cartilage, 2014, 22, 683-689.	0.6	72
153	Association of interleukin-6 gene polymorphisms with hand osteoarthritis and hand osteoporosis. Cytokine, 2014, 69, 94-101.	1.4	20
154	SMAD3 Is Associated with the Total Burden of Radiographic Osteoarthritis: The Chingford Study. PLoS ONE, 2014, 9, e97786.	1.1	17
155	Omics technologies and the study of human ageing. Nature Reviews Genetics, 2013, 14, 601-607.	7.7	108
156	Next Generation Sequencing Reveals the Association of DRB3*02:02 With Type 1 Diabetes. Diabetes, 2013, 62, 2618-2622.	0.3	42
157	Targeted metabolomics profiles are strongly correlated with nutritional patterns in women. Metabolomics, 2013, 9, 506-514.	1.4	110
158	Inference of the Genetic Architecture Underlying BMI and Height with the Use of 20,240 Sibling Pairs. American Journal of Human Genetics, 2013, 93, 865-875.	2.6	104
159	Receiver Operating Characteristic Analysis of HLA, CTLA4, and Insulin Genotypes for Type 1 Diabetes. Diabetes Care, 2013, 36, 2504-2507.	4.3	5
160	Metabolomic markers reveal novel pathways of ageing and early development in human populations. International Journal of Epidemiology, 2013, 42, 1111-1119.	0.9	241
161	Identification of seven loci affecting mean telomere length and their association with disease. Nature Genetics, 2013, 45, 422-427.	9.4	808
162	Prediction of Type 1 Diabetes. Diabetes, 2013, 62, 1020-1021.	0.3	9

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163	The genetic contribution to severe post-traumatic osteoarthritis. Annals of the Rheumatic Diseases, 2013, 72, 1687-1690.	0.5	22
164	The DOT1L rs12982744 polymorphism is associated with osteoarthritis of the hip with genome-wide statistical significance in males. Annals of the Rheumatic Diseases, 2013, 72, 1264-1265.	0.5	51
165	HLA Class II Genotyping of African American Type 1 Diabetic Patients Reveals Associations Unique to African Haplotypes. Diabetes, 2013, 62, 3292-3299.	0.3	52
166	Genome-wide association study meta-analysis of chronic widespread pain: evidence for involvement of the 5p15.2 region. Annals of the Rheumatic Diseases, 2013, 72, 427-436.	0.5	112
167	Evaluation of the genetic overlap between osteoarthritis with body mass index and height using genome-wide association scan data. Annals of the Rheumatic Diseases, 2013, 72, 935-941.	0.5	52
168	Cohort Profile: TwinsUK and Healthy Ageing Twin Study. International Journal of Epidemiology, 2013, 42, 76-85.	0.9	224
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170	No evidence of an association between mitochondrial DNA variants and osteoarthritis in 7393 cases and 5122 controls. Annals of the Rheumatic Diseases, 2013, 72, 136-139.	0.5	39
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