

# John-Anker Zwart

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

6,077  
citations

159525

30  
h-index

88593

70  
g-index

98  
all docs

98  
docs citations

98  
times ranked

9667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between gene expression and MRI STIR signals in patients with chronic low back pain and Modic changes indicates immune involvement. <i>Scientific Reports</i> , 2022, 12, 215.	1.6	6
2	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. <i>Nature Genetics</i> , 2022, 54, 152-160.	9.4	135
3	Does the risk of chronic low back pain depend on age at menarche or menopause? A population-based cross-sectional and cohort study: the TrÅndelag Health Study. <i>BMJ Open</i> , 2022, 12, e055118.	0.8	1
4	Clinical improvement after surgery for degenerative cervical myelopathy; A comparison of Patient-Reported Outcome Measures during 12-month follow-up. <i>PLoS ONE</i> , 2022, 17, e0264954.	1.1	12
5	What is success of treatment? Expected outcome scores in cervical radiculopathy patients were much higher than the previously reported cut-off values for success. <i>European Spine Journal</i> , 2022, 31, 2761-2768.	1.0	1
6	Oedema on STIR modified the effect of amoxicillin as treatment for chronic low back pain with Modic changes—subgroup analysis of a randomized trial. <i>European Radiology</i> , 2021, 31, 4285-4297.	2.3	14
7	Shift work, low-grade inflammation, and chronic pain: a 7-year prospective study. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1013-1022.	1.1	13
8	Genome-wide association study identifies <i>RNF123</i> locus as associated with chronic widespread musculoskeletal pain. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1227-1235.	0.5	31
9	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	9.4	629
10	Clinical Utility of the 6-Item CTS, Boston-CTS, and Hand-Diagram for Carpal Tunnel Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 683807.	1.1	6
11	Genetic Susceptibility Loci in Genomewide Association Study of Cluster Headache. <i>Annals of Neurology</i> , 2021, 90, 203-216.	2.8	22
12	Effect of Arthroplasty vs Fusion for Patients With Cervical Radiculopathy. <i>JAMA Network Open</i> , 2021, 4, e2119606.	2.8	16
13	Macrophage migration inhibitory factor: a potential biomarker for chronic low back pain in patients with Modic changes. <i>RMD Open</i> , 2021, 7, e001726.	1.8	7
14	A genome-wide association study with 1,126,563 individuals identifies new risk loci for Alzheimer's disease. <i>Nature Genetics</i> , 2021, 53, 1276-1282.	9.4	430
15	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. <i>Cell</i> , 2021, 184, 4784-4818.e17.	13.5	188
16	Sex- and age-specific genetic analysis of chronic back pain. <i>Pain</i> , 2021, 162, 1176-1187.	2.0	21
17	The association between selected genetic variants and individual differences in experimental pain. <i>Scandinavian Journal of Pain</i> , 2021, 21, 163-173.	0.5	6
18	Low Back Pain With Persistent Radiculopathy; the Clinical Role of Genetic Variants in the Genes SOX5, CCDC26/GSDMC and DCC. <i>Frontiers in Genetics</i> , 2021, 12, 757632.	1.1	3

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19	Genome-Wide Association Study of 2,093 Cases With Idiopathic Polyneuropathy and 445,256 Controls Identifies First Susceptibility Loci. <i>Frontiers in Neurology</i> , 2021, 12, 789093.	1.1	2
20	Impact of technical variations on the ring-finger test for carpal tunnel syndrome. <i>Clinical Neurophysiology Practice</i> , 2020, 5, 23-29.	0.6	2
21	Clinical effect modifiers of antibiotic treatment in patients with chronic low back pain and Modic changes - secondary analyses of a randomised, placebo-controlled trial (the AIM study). <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 458.	0.8	9
22	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	9.4	163
23	Migraine, obesity and body fat distribution – a population-based study. <i>Journal of Headache and Pain</i> , 2020, 21, 97.	2.5	36
24	Obesity in Young Adulthood: The Role of Physical Activity Level, Musculoskeletal Pain, and Psychological Distress in Adolescence (The HUNT-Study). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4603.	1.2	5
25	Associations between the number of children, age at childbirths and prevalence of chronic low back pain: the Nord-Trøndelag Health Study. <i>BMC Public Health</i> , 2020, 20, 1556.	1.2	7
26	The effect of infliximab in patients with chronic low back pain and Modic changes (the BackToBasic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Musculoskeletal Disorders</i> , 2020, 21, 698.	0.8	8
27	Association of Modic change types and their short tau inversion recovery signals with clinical characteristics- a cross sectional study of chronic low back pain patients in the AIM-study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 368.	0.8	8
28	Cost – utility analysis of antibiotic treatment in patients with chronic low back pain and Modic changes: results from a randomised, placebo-controlled trial in Norway (the AIM study). <i>BMJ Open</i> , 2020, 10, e035461.	0.8	6
29	High sensitivity C-reactive protein and risk of migraine in a 11-year follow-up with data from the Nord-Trøndelag health surveys 2006 – 2008 and 2017 – 2019. <i>Journal of Headache and Pain</i> , 2020, 21, 67.	2.5	10
30	A randomised controlled trial comparing the effectiveness of surgical and nonsurgical treatment for cervical radiculopathy. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 171.	0.8	17
31	Time trends of major headache diagnoses and predictive factors. Data from three Nord-Trøndelag health surveys. <i>Journal of Headache and Pain</i> , 2020, 21, 24.	2.5	29
32	Criteria for success after surgery for cervical radiculopathy – estimates for a substantial amount of improvement in core outcome measures. <i>Spine Journal</i> , 2020, 20, 1413-1421.	0.6	10
33	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020, 11, 3368.	5.8	49
34	Mitochondrial genome-wide association study of migraine – the HUNT Study. <i>Cephalalgia</i> , 2020, 40, 625-634.	1.8	19
35	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , 2020, 49, 1022-1031.	0.9	34
36	Caesarean section and the association with migraine: a retrospective register-linked HUNT population cohort study. <i>BMJ Open</i> , 2020, 10, e040685.	0.8	0

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37	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019, 10, 3503.	5.8	117
38	The association between insomnia, c-reactive protein, and chronic low back pain: cross-sectional analysis of the HUNT study, Norway. <i>Scandinavian Journal of Pain</i> , 2019, 19, 765-777.	0.5	23
39	Psychophysical or spinal reflex measures when assessing conditioned pain modulation?. <i>European Journal of Pain</i> , 2019, 23, 1879-1889.	1.4	7
40	Predicting the outcome of persistent sciatica using conditioned pain modulation: 1-year results from a prospective cohort study. <i>Scandinavian Journal of Pain</i> , 2019, 20, 69-75.	0.5	5
41	Parental migraine in relation to migraine in offspring: Family linkage analyses from the HUNT Study. <i>Cephalalgia</i> , 2019, 39, 854-862.	1.8	10
42	The interplay between sleeplessness and high-sensitivity C-reactive protein on risk of chronic musculoskeletal pain: longitudinal data from the TromsÅ, Study. <i>Sleep</i> , 2019, 42, .	0.6	13
43	Does diabetes influence the probability of experiencing chronic low back pain? A population-based cohort study: the Nord-TrÅ,ndelag Health Study. <i>BMJ Open</i> , 2019, 9, e031692.	0.8	9
44	Efficacy of antibiotic treatment in patients with chronic low back pain and Modic changes (the AIM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.0	77
45	Lumbar spine surgery across 15 years: trends, complications and reoperations in a longitudinal observational study from Norway. <i>BMJ Open</i> , 2019, 9, e028743.	0.8	104
46	The Rates of LSS Surgery in Norwegian Public Hospitals. <i>Spine</i> , 2019, 44, E372-E378.	1.0	13
47	Variation in Serum PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9), Cardiovascular Disease Risk, and an Investigation of Potential Unanticipated Effects of PCSK9 Inhibition. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002335.	1.6	11
48	Lifestyle factors and risk of migraine and tension-type headache. Follow-up data from the Nord-TrÅ,ndelag Health Surveys 1995â€™1997 and 2006â€™2008. <i>Cephalalgia</i> , 2018, 38, 1919-1926.	1.8	41
49	Remission of chronic headache: An 11-year follow-up study. Data from the Nord-TrÅ,ndelag Health Surveys 1995â€™1997 and 2006â€™2008. <i>Cephalalgia</i> , 2018, 38, 2026-2034.	1.8	5
50	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. <i>Neuron</i> , 2018, 98, 743-753.e4.	3.8	63
51	Inverse relationship between type 1 diabetes mellitus and migraine. Data from the Nord-TrÅ,ndelag Health Surveys 1995â€™1997 and 2006â€™2008. <i>Cephalalgia</i> , 2018, 38, 417-426.	1.8	23
52	Epigenetic DNA methylation changes associated with headache chronification: A retrospective case-control study. <i>Cephalalgia</i> , 2018, 38, 312-322.	1.8	25
53	The headache of terror. <i>Neurology</i> , 2018, 90, e111-e118.	1.5	21
54	Is chronic low back pain a risk factor for diabetes? The Nord-TrÅ,ndelag Health Study. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000569.	1.2	14

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55	Do incident musculoskeletal complaints influence mortality? The Nord-Trøndelag Health study. PLoS ONE, 2018, 13, e0203925.	1.1	2
56	Metabolic syndrome as a risk factor for total hip or knee replacement due to primary osteoarthritis: a prospective cohort study (the HUNT study and the Norwegian Arthroplasty Register). Clinical Epidemiology, 2018, Volume 10, 83-96.	1.5	20
57	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
58	Physical Activity Level and Sport Participation in Relation to Musculoskeletal Pain in a Population-Based Study of Adolescents. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711668554.	0.8	46
59	The Norwegian Cervical Arthroplasty Trial (NORCAT): 2-year clinical outcome after single-level cervical arthroplasty versus fusion—a prospective, single-blinded, randomized, controlled multicenter study. European Spine Journal, 2017, 26, 1225-1235.	1.0	38
60	Prognostic Factors for Persistent Leg-Pain in Patients Hospitalized With Acute Sciatica. Spine, 2017, 42, E272-E279.	1.0	16
61	Incidence of total hip or knee replacement due to osteoarthritis in relation to thyroid function: a prospective cohort study (The Nord-Trøndelag Health Study). BMC Musculoskeletal Disorders, 2017, 18, 201.	0.8	8
62	Is there an association between vitamin D status and risk of chronic low back pain? A nested case-control analysis in the Nord-Trøndelag Health Study. BMJ Open, 2017, 7, e018521.	0.8	14
63	A tonic heat test stimulus yields a larger and more reliable conditioned pain modulation effect compared to a phasic heat test stimulus. Pain Reports, 2017, 2, e626.	1.4	15
64	Physical activity level at work and risk of chronic low back pain: A follow-up in the Nord-Trøndelag Health Study. PLoS ONE, 2017, 12, e0175086.	1.1	36
65	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. PLoS ONE, 2017, 12, e0185663.	1.1	44
66	The mediating effect of body mass index on the relationship between smoking and hip or knee replacement due to primary osteoarthritis. A population-based cohort study (the HUNT Study). PLoS ONE, 2017, 12, e0190288.	1.1	7
67	Antibiotic treatment in patients with chronic low back pain and Modic changes (the AIM study): study protocol for a randomised controlled trial. Trials, 2017, 18, 596.	0.7	21
68	The effect of foetal growth restriction on the development of migraine and tension-type headache in adulthood. The HUNT Study. PLoS ONE, 2017, 12, e0175908.	1.1	9
69	Chronic musculoskeletal complaints as a predictor of mortality—The HUNT study. Pain, 2016, 157, 1443-1447.	2.0	16
70	Sport Participation and the Risk of Anterior Cruciate Ligament Reconstruction in Adolescents. American Journal of Sports Medicine, 2016, 44, 2917-2924.	1.9	23
71	Is there a U-shaped relationship between physical activity in leisure time and risk of chronic low back pain? A follow-up in the HUNT Study. BMC Public Health, 2016, 16, 306.	1.2	29
72	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. Nature Genetics, 2016, 48, 856-866.	9.4	520

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73	Leisure time physical activity and the risk of hip or knee replacement due to primary osteoarthritis: a population based cohort study (The HUNT Study). <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 86.	0.8	12
74	Smoking, obesity and the risk of pituitary adenoma: a large prospective cohort study (The HUNT Study). <i>European Journal of Epidemiology</i> , 2016, 31, 95-98.	2.5	5
75	Gene-based pleiotropy across migraine with aura and migraine without aura patient groups. <i>Cephalalgia</i> , 2016, 36, 648-657.	1.8	47
76	Migraine as a predictor of mortality: The HUNT study. <i>Cephalalgia</i> , 2016, 36, 351-357.	1.8	12
77	Premonitory symptoms in migraine: A cross-sectional study in 2714 persons. <i>Cephalalgia</i> , 2016, 36, 951-959.	1.8	93
78	Gene co-expression analysis identifies brain regions and cell types involved in migraine pathophysiology: a GWAS-based study using the Allen Human Brain Atlas. <i>Human Genetics</i> , 2016, 135, 425-439.	1.8	47
79	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 284-292.	0.7	92
80	Headache as a predictor for dementia: The HUNT Study. <i>Journal of Headache and Pain</i> , 2015, 16, 89.	2.5	31
81	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. <i>Cephalalgia</i> , 2015, 35, 489-499.	1.8	32
82	Association between body height and chronic low back pain: a follow-up in the Nord-Trøndelag Health Study. <i>BMJ Open</i> , 2015, 5, e006983-e006983.	0.8	47
83	Genetic analysis for a shared biological basis between migraine and coronary artery disease. <i>Neurology: Genetics</i> , 2015, 1, e10.	0.9	61
84	A Comparison of Anthropometric Measures for Assessing the Association between Body Size and Risk of Chronic Low Back Pain: The HUNT Study. <i>PLoS ONE</i> , 2015, 10, e0141268.	1.1	33
85	Do Abnormal Serum Lipid Levels Increase the Risk of Chronic Low Back Pain? The Nord-Trøndelag Health Study. <i>PLoS ONE</i> , 2014, 9, e108227.	1.1	25
86	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	9.4	338
87	Genome-wide association analysis identifies susceptibility loci for migraine without aura. <i>Nature Genetics</i> , 2012, 44, 777-782.	9.4	294
88	The Nord-Trøndelag Health Study shows increased prevalence of primary recurrent headaches among adolescents over a four-year period. <i>Scandinavian Journal of Pain</i> , 2011, 2, 148-152.	0.5	9
89	Genome-wide association study of migraine implicates a common susceptibility variant on 8q22.1. <i>Nature Genetics</i> , 2010, 42, 869-873.	9.4	332
90	Repeatability of dermatomal warm and cold sensory thresholds in patients with sciatica. <i>European Spine Journal</i> , 2002, 11, 441-446.	1.0	20

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91	Proton magnetic resonance spectroscopy of cerebrospinal fluid in neurodegenerative disease: Indication of glial energy impairment in Huntington chorea, but not Parkinson disease. Journal of Neuroscience Research, 2000, 60, 779-782.	1.3	34