John-Anker Zwart

List of Publications by Year
in descending order

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	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
2	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	9.4	629
3	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. Nature Genetics, 2016, 48, 856-866.	9.4	520
4	A genome-wide association study with 1,126,563 individuals identifies new risk loci for Alzheimerâ€™s disease. Nature Genetics, 2021, 53, 1276-1282.	9.4	430
5	Genome-wide meta-analysis identifies new susceptibility loci for migraine. Nature Genetics, 2013, 45, 912-917.	9.4	338
6	Genome-wide association study of migraine implicates a common susceptibility variant on 8q22.1. Nature Genetics, 2010, 42, 869-873.	9.4	332
7	Genome-wide association analysis identifies susceptibility loci for migraine without aura. Nature Genetics, 2012, 44, 777-782.	9.4	294
8	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. Cell, 2021, 184, 4784-4818.e17.	13.5	188
9	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. Nature Genetics, 2020, 52, 1303-1313.	9.4	163
10	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. Nature Genetics, 2022, 54, 152-160.	9.4	135
11	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. Nature Communications, 2019, 10, 3503.	5.8	117
12	Lumbar spine surgery across 15 years: trends, complications and reoperations in a longitudinal observational study from Norway. BMJ Open, 2019, 9, e028743.	0.8	104
13	Premonitory symptoms in migraine: A cross-sectional study in 2714 persons. Cephalalgia, 2016, 36, 951-959.	1.8	93
14	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. Biological Psychiatry, 2016, 80, 284-292.	0.7	92
15	Efficacy of antibiotic treatment in patients with chronic low back pain and Modic changes (the AIM) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	77
16	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. Neuron, 2018, 98, 743-753.e4.	3.8	63
17	Genetic analysis for a shared biological basis between migraine and coronary artery disease. Neurology: Genetics, 2015, 1, e10.	0.9	61
18	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. Nature Communications, 2020, 11, 3368.	5.8	49

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19	Association between body height and chronic low back pain: a follow-up in the Nord-Trondelag Health Study. BMJ Open, 2015, 5, e006983-e006983.	0.8	47
20	Gene-based pleiotropy across migraine with aura and migraine without aura patient groups. Cephalalgia, 2016, 36, 648-657.	1.8	47
21	Gene co-expression analysis identifies brain regions and cell types involved in migraine pathophysiology: a GWAS-based study using the Allen Human Brain Atlas. Human Genetics, 2016, 135, 425-439.	1.8	47
22	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
23	Shared genetic risk between migraine and coronary artery disease: A genome-wide analysis of common variants. PLoS ONE, 2017, 12, e0185663.	1.1	44
24	Lifestyle factors and risk of migraine and tension-type headache. Follow-up data from the Nord-TrÃ¸ndelag Health Surveys 1995â€“1997 and 2006â€“2008. Cephalalgia, 2018, 38, 1919-1926.	1.8	41
25	The Norwegian Cervical Arthroplasty Trial (NORCAT): 2-year clinical outcome after single-level cervical arthroplasty versus fusionâ€”a prospective, single-blinded, randomized, controlled multicenter study. European Spine Journal, 2017, 26, 1225-1235.	1.0	38
26	Physical activity level at work and risk of chronic low back pain: A follow-up in the Nord-TrÃ¸ndelag Health Study. PLoS ONE, 2017, 12, e0175086.	1.1	36
27	Migraine, obesity and body fat distribution â€“ a population-based study. Journal of Headache and Pain, 2020, 21, 97.	2.5	36
28	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
29	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. International Journal of Epidemiology, 2020, 49, 1022-1031.	0.9	34
30	A Comparison of Anthropometric Measures for Assessing the Association between Body Size and Risk of Chronic Low Back Pain: The HUNT Study. PLoS ONE, 2015, 10, e0141268.	1.1	33
31	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. Cephalalgia, 2015, 35, 489-499.	1.8	32
32	Headache as a predictor for dementia: The HUNT Study. Journal of Headache and Pain, 2015, 16, 89.	2.5	31
33	Genome-wide association study identifies RNF123 locus as associated with chronic widespread musculoskeletal pain. Annals of the Rheumatic Diseases, 2021, 80, 1227-1235.	0.5	31
34	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
35	Time trends of major headache diagnoses and predictive factors. Data from three Nord-TrÃ¸ndelag health surveys. Journal of Headache and Pain, 2020, 21, 24.	2.5	29
36	Epigenetic DNA methylation changes associated with headache chronification: A retrospective case-control study. Cephalalgia, 2018, 38, 312-322.	1.8	25

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37	Do Abnormal Serum Lipid Levels Increase the Risk of Chronic Low Back Pain? The Nord-TrÃ¸ndelag Health Study. PLoS ONE, 2014, 9, e108227.	1.1	25
38	Sport Participation and the Risk of Anterior Cruciate Ligament Reconstruction in Adolescents. American Journal of Sports Medicine, 2016, 44, 2917-2924.	1.9	23
39	Inverse relationship between type 1 diabetes mellitus and migraine. Data from the Nord-TrÃ¸ndelag Health Surveys 1995â€“1997 and 2006â€“2008. Cephalalgia, 2018, 38, 417-426.	1.8	23
40	The association between insomnia, c-reactive protein, and chronic low back pain: cross-sectional analysis of the HUNT study, Norway. Scandinavian Journal of Pain, 2019, 19, 765-777.	0.5	23
41	Genetic Susceptibility Loci in Genomewide Association Study of Cluster Headache. Annals of Neurology, 2021, 90, 203-216.	2.8	22
42	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
43	The headache of terror. Neurology, 2018, 90, e111-e118.	1.5	21
44	Sex- and age-specific genetic analysis of chronic back pain. Pain, 2021, 162, 1176-1187.	2.0	21
45	Repeatability of dermatomal warm and cold sensory thresholds in patients with sciatica. European Spine Journal, 2002, 11, 441-446.	1.0	20
46	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
47	Mitochondrial genome-wide association study of migraine â€“ the HUNT Study. Cephalalgia, 2020, 40, 625-634.	1.8	19
48	A randomised controlled trial comparing the effectiveness of surgical and nonsurgical treatment for cervical radiculopathy. BMC Musculoskeletal Disorders, 2020, 21, 171.	0.8	17
49	Chronic musculoskeletal complaints as a predictor of mortalityâ€”The HUNT study. Pain, 2016, 157, 1443-1447.	2.0	16
50	Prognostic Factors for Persistent Leg-Pain in Patients Hospitalized With Acute Sciatica. Spine, 2017, 42, E272-E279.	1.0	16
51	Effect of Arthroplasty vs Fusion for Patients With Cervical Radiculopathy. JAMA Network Open, 2021, 4, e2119606.	2.8	16
52	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
53	Is there an association between vitamin D status and risk of chronic low back pain? A nested caseâ€“control analysis in the Nord-TrÃ¸ndelag Health Study. BMJ Open, 2017, 7, e018521.	0.8	14
54	Is chronic low back pain a risk factor for diabetes? The Nord-TrÃ¸ndelag Health Study. BMJ Open Diabetes Research and Care, 2018, 6, e000569.	1.2	14

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55	Oedema on STIR modified the effect of amoxicillin as treatment for chronic low back pain with Modic changesâ€"subgroup analysis of a randomized trial. European Radiology, 2021, 31, 4285-4297.	2.3	14
56	The interplay between sleeplessness and high-sensitivity C-reactive protein on risk of chronic musculoskeletal pain: longitudinal data from the TromsÃ¸ Study. Sleep, 2019, 42, .	0.6	13
57	The Rates of LSS Surgery in Norwegian Public Hospitals. Spine, 2019, 44, E372-E378.	1.0	13
58	Shift work, low-grade inflammation, and chronic pain: a 7-year prospective study. International Archives of Occupational and Environmental Health, 2021, 94, 1013-1022.	1.1	13
59	Leisure time physical activity and the risk of hip or knee replacement due to primary osteoarthritis: a population based cohort study (The HUNT Study). BMC Musculoskeletal Disorders, 2016, 17, 86.	0.8	12
60	Migraine as a predictor of mortality: The HUNT study. Cephalalgia, 2016, 36, 351-357.	1.8	12
61	Clinical improvement after surgery for degenerative cervical myelopathy; A comparison of Patient-Reported Outcome Measures during 12-month follow-up. PLoS ONE, 2022, 17, e0264954.	1.1	12
62	Variation in Serum PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9), Cardiovascular Disease Risk, and an Investigation of Potential Unanticipated Effects of PCSK9 Inhibition. Circulation Genomic and Precision Medicine, 2019, 12, e002335.	1.6	11
63	Parental migraine in relation to migraine in offspring: Family linkage analyses from the HUNT Study. Cephalalgia, 2019, 39, 854-862.	1.8	10
64	High sensitivity C-reactive protein and risk of migraine in a 11-year follow-up with data from the Nord-TrÃ¸ndelag health surveys 2006â€"2008 and 2017â€"2019. Journal of Headache and Pain, 2020, 21, 67.	2.5	10
65	Criteria for success after surgery for cervical radiculopathyâ€"estimates for a substantial amount of improvement in core outcome measures. Spine Journal, 2020, 20, 1413-1421.	0.6	10
66	The Nord-TrÃ¸ndelag Health Study shows increased prevalence of primary recurrent headaches among adolescents over a four-year period. Scandinavian Journal of Pain, 2011, 2, 148-152.	0.5	9
67	Does diabetes influence the probability of experiencing chronic low back pain? A population-based cohort study: the Nord-TrÃ¸ndelag Health Study. BMJ Open, 2019, 9, e031692.	0.8	9
68	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). BMC Musculoskeletal Disorders, 2020, 21, 458.	0.8	9
69	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
70	Incidence of total hip or knee replacement due to osteoarthritis in relation to thyroid function: a prospective cohort study (The Nord-TrÃ¸ndelag Health Study). BMC Musculoskeletal Disorders, 2017, 18, 201.	0.8	8
71	The effect of infliximab in patients with chronic low back pain and Modic changes (the BackToBasic) Tj ETQq1 1 0.784314 rgBT /Overlo Musculoskeletal Disorders, 2020, 21, 698.	0.8	8
72	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. BMC Musculoskeletal Disorders, 2020, 21, 368.	0.8	8

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73	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
74	Psychophysical or spinal reflex measures when assessing conditioned pain modulation?. European Journal of Pain, 2019, 23, 1879-1889.	1.4	7
75	Associations between the number of children, age at childbirths and prevalence of chronic low back pain: the Nord-TrÃ¸ndelag Health Study. BMC Public Health, 2020, 20, 1556.	1.2	7
76	Macrophage migration inhibitory factor: a potential biomarker for chronic low back pain in patients with Modic changes. RMD Open, 2021, 7, e001726.	1.8	7
77	Costâ€“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). BMJ Open, 2020, 10, e035461.	0.8	6
78	Clinical Utility of the 6-Item CTS, Boston-CTS, and Hand-Diagram for Carpal Tunnel Syndrome. Frontiers in Neurology, 2021, 12, 683807.	1.1	6
79	The association between selected genetic variants and individual differences in experimental pain. Scandinavian Journal of Pain, 2021, 21, 163-173.	0.5	6
80	Correlation between gene expression and MRI STIR signals in patients with chronic lowÂback pain and Modic changes indicates immune involvement. Scientific Reports, 2022, 12, 215.	1.6	6
81	Smoking, obesity and the risk of pituitary adenoma: a large prospective cohort study (The HUNT Study). European Journal of Epidemiology, 2016, 31, 95-98.	2.5	5
82	Remission of chronic headache: An 11-year follow-up study. Data from the Nord-TrÃ¸ndelag Health Surveys 1995â€“1997 and 2006â€“2008. Cephalalgia, 2018, 38, 2026-2034.	1.8	5
83	Predicting the outcome of persistent sciatica using conditioned pain modulation: 1-year results from a prospective cohort study. Scandinavian Journal of Pain, 2019, 20, 69-75.	0.5	5
84	Obesity in Young Adulthood: The Role of Physical Activity Level, Musculoskeletal Pain, and Psychological Distress in Adolescence (The HUNT-Study). International Journal of Environmental Research and Public Health, 2020, 17, 4603.	1.2	5
85	Low Back Pain With Persistent Radiculopathy; the Clinical Role of Genetic Variants in the Genes SOX5, CCDC26/GSDMC and DCC. Frontiers in Genetics, 2021, 12, 757632.	1.1	3
86	Do incident musculoskeletal complaints influence mortality? The Nord-TrÃ¸ndelag Health study. PLoS ONE, 2018, 13, e0203925.	1.1	2
87	Impact of technical variations on the ring-finger test for carpal tunnel syndrome. Clinical Neurophysiology Practice, 2020, 5, 23-29.	0.6	2
88	Genome-Wide Association Study of 2,093 Cases With Idiopathic Polyneuropathy and 445,256 Controls Identifies First Susceptibility Loci. Frontiers in Neurology, 2021, 12, 789093.	1.1	2
89	Does the risk of chronic low back pain depend on age at menarche or menopause? A population-based cross-sectional and cohort study: the TrÃ¸ndelag Health Study. BMJ Open, 2022, 12, e055118.	0.8	1
90	What is success of treatment? Expected outcome scores in cervical radiculopathy patients were much higher than the previously reported cut-off values for success. European Spine Journal, 2022, 31, 2761-2768.	1.0	1

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91	Caesarean section and the association with migraine: a retrospective register-linked HUNT population cohort study. BMJ Open, 2020, 10, e040685.	0.8	0