

Klaus Berger

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

10,064
citations

101543

36
h-index

45317

90
g-index

123
all docs

123
docs citations

123
times ranked

15004
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	21.4	2,224
2	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019, 22, 343-352.	14.8	1,589
3	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	21.4	870
4	Sex and the Risk of Restless Legs Syndrome in the General Population. <i>Archives of Internal Medicine</i> , 2004, 164, 196.	3.8	637
5	Peripheral arterial disease and critical limb ischaemia: still poor outcomes and lack of guideline adherence. <i>European Heart Journal</i> , 2015, 36, 932-938.	2.2	373
6	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
7	Exercise and Risk of Stroke in Male Physicians. <i>Stroke</i> , 1999, 30, 1-6.	2.0	260
8	Genome-wide association analysis of insomnia complaints identifies risk genes and genetic overlap with psychiatric and metabolic traits. <i>Nature Genetics</i> , 2017, 49, 1584-1592.	21.4	248
9	Serum neurofilament light chain for individual prognostication of disease activity in people with multiple sclerosis: a retrospective modelling and validation study. <i>Lancet Neurology</i> , The, 2022, 21, 246-257.	10.2	210
10	Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. <i>Lancet Neurology</i> , The, 2017, 16, 898-907.	10.2	191
11	Iron metabolism and the risk of Restless Legs Syndrome in an elderly general population - The MEMO-Study. <i>Journal of Neurology</i> , 2002, 249, 1195-1199.	3.6	140
12	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
13	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
14	Cross-Disorder Analysis of Brain Structural Abnormalities in Six Major Psychiatric Disorders: A Secondary Analysis of Mega- and Meta-analytical Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020, 88, 678-686.	1.3	116
15	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , 2022, 91, 313-327.	1.3	114
16	Associations between poor sleep quality and different measures of obesity. <i>Sleep Medicine</i> , 2015, 16, 1225-1228.	1.6	106
17	Comparison of outcome and interventional complication rate in patients with acute stroke treated with mechanical thrombectomy with and without bridging thrombolysis. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 229-233.	3.3	96
18	The Impact of the COVID-19 Pandemic on Self-Reported Health. <i>Deutsches A&#x0308;rztblatt International</i> , 2020, 117, 861-867.	0.9	89

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19	Outcome After Thrombectomy and Intravenous Thrombolysis in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1584-1592.	2.0	82
20	Pain Sensitivity in Patients With Major Depression: Differential Effect of Pain Sensitivity Measures, Somatic Cofactors, and Disease Characteristics. <i>Journal of Pain</i> , 2016, 17, 606-616.	1.4	81
21	Restless legs syndrome. <i>Nature Reviews Disease Primers</i> , 2021, 7, 80.	30.5	81
22	RLS epidemiology—Frequencies, risk factors and methods in population studies. <i>Movement Disorders</i> , 2007, 22, S420-S423.	3.9	80
23	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
24	The <i>glu298asp</i> polymorphism in the nitric oxide synthase 3 gene is associated with the risk of ischemic stroke in two large independent case-control studies. <i>Human Genetics</i> , 2007, 121, 169-178.	3.8	75
25	Direct Mechanical Intervention Versus Bridging Therapy in Stroke Patients Eligible for Intravenous Thrombolysis. <i>Stroke</i> , 2017, 48, 3282-3288.	2.0	75
26	Cohort Profile Update: The Study of Health in Pomerania (SHIP). <i>International Journal of Epidemiology</i> , 2022, 51, e372-e383.	1.9	73
27	Exploring beyond clinical routine SARS-CoV-2 serology using MultiCoV-Ab to evaluate endemic coronavirus cross-reactivity. <i>Nature Communications</i> , 2021, 12, 1152.	12.8	71
28	Migraine and restless legs syndrome: A systematic review. <i>Cephalalgia</i> , 2014, 34, 777-794.	3.9	68
29	Multimorbidity and the risk of restless legs syndrome in 2 prospective cohort studies. <i>Neurology</i> , 2014, 82, 2026-2033.	1.1	64
30	Associations between depression subtypes, depression severity and diet quality: cross-sectional findings from the BiDirect Study. <i>BMC Psychiatry</i> , 2015, 15, 38.	2.6	49
31	Major depressive disorder: Findings of reduced homotopic connectivity and investigation of underlying structural mechanisms. <i>Human Brain Mapping</i> , 2016, 37, 1209-1217.	3.6	47
32	Common coding variant in <i>SERPINA1</i> increases the risk for large artery stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3613-3618.	7.1	46
33	Outcome and periprocedural time management in referred versus directly admitted stroke patients treated with thrombectomy. <i>Therapeutic Advances in Neurological Disorders</i> , 2016, 9, 79-84.	3.5	42
34	Female Stroke. <i>Stroke</i> , 2021, 52, 406-415.	2.0	40
35	Achievements, challenges, and future perspectives of epidemiologic research in restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2017, 31, 3-9.	1.6	38
36	Inner-city green space and its association with body mass index and prevalent type 2 diabetes: a cross-sectional study in an urban German city. <i>BMJ Open</i> , 2018, 8, e019062.	1.9	38

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37	Thoracic aortic calcification is associated with incident stroke in the general population in addition to established risk factors. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 684-690.	1.2	37
38	Rare Variants in Specific Lysosomal Genes Are Associated With Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1245-1248.	3.9	37
39	Ankle-brachial index predicts stroke in the general population in addition to classical risk factors. <i>Atherosclerosis</i> , 2014, 233, 545-550.	0.8	36
40	Old benefit as much as young patients with stroke from high-intensity neurorehabilitation: cohort analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 526-530.	1.9	36
41	Prevalence and associated risk factors of periodic limb movement in sleep in two German population-based studies. <i>Sleep</i> , 2019, 42, .	1.1	34
42	Regional differences in the incidence of self-reported type 2 diabetes in Germany: results from five population-based studies in Germany (DIAB-CORE Consortium). <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 1088-1095.	3.7	30
43	MR imaging of the brain in large cohort studies: feasibility report of the population- and patient-based BiDirect study. <i>European Radiology</i> , 2017, 27, 231-238.	4.5	29
44	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	1.3	29
45	Large-scale evidence for an association between low-grade peripheral inflammation and brain structural alterations in major depression in the BiDirect study. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 423-431.	2.4	29
46	Stroke unit care in germany: the german stroke registers study group (ADSR). <i>BMC Neurology</i> , 2017, 17, 49.	1.8	28
47	Predicting rehospitalization within 2 years of initial patient admission for a major depressive episode: a multimodal machine learning approach. <i>Translational Psychiatry</i> , 2019, 9, 285.	4.8	28
48	Association between major depressive disorder and odor identification impairment. <i>Journal of Affective Disorders</i> , 2016, 203, 332-338.	4.1	27
49	Associations between sleep apnea and advanced brain aging in a large-scale population study. <i>Sleep</i> , 2021, 44, .	1.1	27
50	Interrater sleep stage scoring reliability between manual scoring from two European sleep centers and automatic scoring performed by the artificial intelligence-based Stanford-STAGES algorithm. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1237-1247.	2.6	27
51	Association Between Obstructive Sleep Apnea and Brain White Matter Hyperintensities in a Population-Based Cohort in Germany. <i>JAMA Network Open</i> , 2021, 4, e2128225.	5.9	25
52	Diagnostic classification of unipolar depression based on resting-state functional connectivity MRI: effects of generalization to a diverse sample. <i>Journal of Neural Transmission</i> , 2017, 124, 589-605.	2.8	24
53	Serum neurofilament light and tau as prognostic markers for all-cause mortality in the elderly general population—an analysis from the MEMO study. <i>BMC Medicine</i> , 2021, 19, 38.	5.5	24
54	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. <i>Molecular Psychiatry</i> , 2022, 27, 1111-1119.	7.9	24

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55	The association between collateral status, recanalization and long term outcome in stroke patients treated with stent retrievers – Are there indications not to perform thrombectomy based on CT angiography?. <i>Journal of Neuroradiology</i> , 2017, 44, 217-222.	1.1	23
56	Effects of Short- and Long-Term Variations in RLS Severity on Perceived Health Status – the COR-Study. <i>PLoS ONE</i> , 2014, 9, e94821.	2.5	22
57	ADAMTS genes and the risk of cerebral aneurysm. <i>Journal of Neurosurgery</i> , 2016, 125, 269-274.	1.6	22
58	Sample heterogeneity in unipolar depression as assessed by functional connectivity analyses is dominated by general disease effects. <i>Journal of Affective Disorders</i> , 2017, 222, 79-87.	4.1	22
59	Coronary Artery Calcification, Intima-Media Thickness, and Ankle-Brachial Index Are Complementary Stroke Predictors. <i>Stroke</i> , 2014, 45, 2702-2709.	2.0	20
60	Objective exposure to road traffic noise, noise annoyance and self-rated poor health – framing the relationship between noise and health as a matter of multiple stressors and resources in urban neighbourhoods. <i>Journal of Environmental Planning and Management</i> , 2015, 58, 336-356.	4.5	20
61	Reduced fractional anisotropy in patients with major depressive disorder and associations with vascular stiffness. <i>NeuroImage: Clinical</i> , 2017, 14, 151-155.	2.7	20
62	Identification of Restless Legs Syndrome Genes by Mutational Load Analysis. <i>Annals of Neurology</i> , 2020, 87, 184-193.	5.3	19
63	Explaining the Decrease of In-Hospital Mortality from Ischemic Stroke. <i>PLoS ONE</i> , 2015, 10, e0131473.	2.5	18
64	Impact of major depressive disorder, distinct subtypes, and symptom severity on lifestyle in the BiDirect Study. <i>Psychiatry Research</i> , 2016, 245, 164-171.	3.3	18
65	The Effect of Improved Dysphagia Care on Outcome in Patients with Acute Stroke: Trends from 8-Year Data of a Large Stroke Register. <i>Cerebrovascular Diseases</i> , 2018, 45, 101-108.	1.7	18
66	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	2.6	18
67	Determinants of Single and Multiple Sensory Impairments in an Urban Population. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 153, 364-371.	1.9	17
68	A haplotype block downstream of plasminogen is associated with chronic and aggressive periodontitis. <i>Journal of Clinical Periodontology</i> , 2017, 44, 962-970.	4.9	16
69	Intrathecal Immunoglobulin M Synthesis is an Independent Biomarker for Higher Disease Activity and Severity in Multiple Sclerosis. <i>Annals of Neurology</i> , 2021, 90, 477-489.	5.3	16
70	Incidence of Multiple Sclerosis in Germany: A Cohort Study Applying Different Case Definitions Based on Claims Data. <i>Neuroepidemiology</i> , 2017, 49, 91-98.	2.3	15
71	Associations of major depressive disorder and related clinical characteristics with 25-hydroxyvitamin D levels in middle-aged adults. <i>Nutritional Neuroscience</i> , 2022, 25, 1209-1218.	3.1	15
72	Effects of age on trait resilience in a population-based cohort and two patient cohorts. <i>Journal of Psychosomatic Research</i> , 2020, 136, 110170.	2.6	14

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73	Biological sex classification with structural MRI data shows increased misclassification in transgender women. <i>Neuropsychopharmacology</i> , 2020, 45, 1758-1765.	5.4	14
74	From “loose fitting” to high-performance, uncertainty-aware brain-age modelling. <i>Brain</i> , 2021, 144, e31-e31.	7.6	14
75	Effect of applying inclusion and exclusion criteria of phase III clinical trials to multiple sclerosis patients in routine clinical care. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1852-1863.	3.0	13
76	An uncertainty-aware, shareable, and transparent neural network architecture for brain-age modeling. <i>Science Advances</i> , 2022, 8, eabg9471.	10.3	13
77	EMR-integrated minimal core dataset for routine health care and multiple research settings: A case study for neuroinflammatory demyelinating diseases. <i>PLoS ONE</i> , 2019, 14, e0223886.	2.5	10
78	Factors associated with habitual time spent in different physical activity intensities using multiday accelerometry. <i>Scientific Reports</i> , 2020, 10, 774.	3.3	10
79	The assessment of childhood maltreatment and its associations with affective symptoms in adulthood: Results of the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 897-908.	2.6	10
80	Non-opioid analgesics and the risk of restless leg syndrome—a spurious association?. <i>Sleep Medicine</i> , 2003, 4, 351-352.	1.6	9
81	Investigation of the physical and psychosocial outcomes after living kidney donation - a multicenter cohort study (SoLiKiD - Safety of Living Kidney Donors). <i>BMC Nephrology</i> , 2018, 19, 83.	1.8	9
82	Drug-use patterns and severe adverse events with disease-modifying drugs in patients with multiple sclerosis: a cohort study based on German claims data. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1439-1457.	2.2	9
83	Management of MS Patients Treated With Daclizumab — a Case Series of 267 Patients. <i>Frontiers in Neurology</i> , 2020, 11, 996.	2.4	8
84	Investigating the roles of age, sex, depression, and anxiety for valence and arousal ratings of words: a population-based study. <i>BMC Psychology</i> , 2020, 8, 118.	2.1	8
85	The assessment of cognitive function in the German National Cohort (NAKO) — Associations of demographics and psychiatric symptoms with cognitive test performance. <i>World Journal of Biological Psychiatry</i> , 2022, , 1-15.	2.6	8
86	Structural brain changes and all-cause mortality in the elderly population—the mediating role of inflammation. <i>Age</i> , 2016, 38, 455-464.	3.0	7
87	Lack of Association between Genetic Risk Loci for Restless Legs Syndrome and Multimorbidity. <i>Sleep</i> , 2016, 39, 111-115.	1.1	7
88	Association Between Adherence to Quality Indicators and 7-Day In-Hospital Mortality After Acute Ischemic Stroke. <i>Stroke</i> , 2020, 51, 3664-3672.	2.0	7
89	Sleep characteristics, cognitive performance, and gray matter volume: findings from the BiDirect Study. <i>Sleep</i> , 2021, 44, .	1.1	7
90	Childhood trauma and personality explain more variance in depression scores than sociodemographic and lifestyle factors — Results from the BiDirect Study. <i>Journal of Psychosomatic Research</i> , 2021, 147, 110513.	2.6	7

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91	Generalized Anxiety and Panic Symptoms in the German National Cohort (NAKO). World Journal of Biological Psychiatry, 2021, , 1-37.	2.6	7
92	The value of "mega cohorts"™ for psychiatric research. World Journal of Biological Psychiatry, 2023, 24, 860-864.	2.6	7
93	The Influence of Poor Sleep on Quality of Life in Patients with Parkinson's Disease - A Prospective Study. Der Einfluss von schlechtem Schlaf auf die Lebensqualität von Patienten mit M. Parkinson - Eine prospektive Studie. Somnologie, 2003, 7, 134-139.	1.5	6
94	Stroke admission outside daytime working hours delays mechanical thrombectomy and worsens short-term outcome. International Journal of Stroke, 2019, 14, 517-521.	5.9	6
95	Segmentation of medical images using geo-theoretic distance matrix in fuzzy clustering. , 2009, , .		5
96	Interaction of Developmental Venous Anomalies with Resting-State Functional MRI Measures. American Journal of Neuroradiology, 2018, 39, 2326-2331.	2.4	5
97	Lack of Association Between Shape and Volume of Subcortical Brain Structures and Restless Legs Syndrome. Frontiers in Neurology, 2018, 9, 355.	2.4	5
98	Seropositivity for pathogens associated with chronic infections is a risk factor for all-cause mortality in the elderly: findings from the Memory and Morbidity in Augsburg Elderly (MEMO) Study. GeroScience, 2020, 42, 1365-1376.	4.6	5
99	Chances and Challenges of Registry-Based Pharmacovigilance in Multiple Sclerosis: Lessons Learnt from the Implementation of the Multicenter REGIMS Registry. Drug Safety, 2021, 44, 7-15.	3.2	5
100	The Effect of Training Sample Size on the Prediction of White Matter Hyperintensity Volume in a Healthy Population Using BIANCA. Frontiers in Aging Neuroscience, 2021, 13, 720636.	3.4	5
101	General cognitive ability assessment in the German National Cohort (NAKO) " The block-adaptive number series task. World Journal of Biological Psychiatry, 2023, 24, 924-935.	2.6	5
102	Genetic factors influencing a neurobiological substrate for psychiatric disorders. Translational Psychiatry, 2021, 11, 192.	4.8	4
103	The association between genetically determined ABO blood types and major depressive disorder. Psychiatry Research, 2021, 299, 113837.	3.3	4
104	Private variants in PRKN are associated with late-onset Parkinson's disease. Parkinsonism and Related Disorders, 2020, 75, 24-26.	2.2	4
105	Associations Between Outcome Resilience and Sociodemographic Factors, Childhood Trauma, Personality Dimensions and Self-Rated Health in Middle-Aged Adults. International Journal of Behavioral Medicine, 2022, 29, 796-806.	1.7	4
106	A Self-administered Version of the Functioning Assessment Short Test for Use in Population-based Studies: A Pilot Study. Clinical Practice and Epidemiology in Mental Health, 2020, 16, 192-203.	1.2	3
107	Quality of Care for Patients With Multiple Sclerosis" A Review of Existing Quality Indicators. Frontiers in Neurology, 2021, 12, 708723.	2.4	2
108	Results of the prospective multicenter SoLKiD cohort study indicate bio-psycho-social outcome risks to kidney donors 12 months after donation. Kidney International, 2022, 101, 597-606.	5.2	2

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109	The role of educational attainment and brain morphology in major depressive disorder: Findings from the ENIGMA major depressive disorder consortium.. , 2022, 131, 664-673.		2
110	The Importance Of A Standardized Instrument To Assess The Burden Of Multimorbidity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 1395-1396.	3.6	1
111	The Influence of Neighborhood Unemployment on Mortality after Stroke. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 1529-1536.	1.6	1
112	A method to define the relevant ego-centred spatial scale for the assessment of neighbourhood effects: the example of cardiovascular risk factors. BMC Public Health, 2021, 21, 1346.	2.9	1
113	The Relative Importance of Vascular Risk Factors on Early Cognitive Aging Varies Only Slightly Between Men and Women. Frontiers in Aging Neuroscience, 2022, 14, 804842.	3.4	1
114	Major depressive disorders increase the susceptibility to self-reported infections in two German cohort studies. Social Psychiatry and Psychiatric Epidemiology, 2023, 58, 277-286.	3.1	1
115	Volume transition analysis: A new approach to resolve reclassification of brain tissue in repeated MRI scans. Journal of Neuroscience Methods, 2015, 243, 78-83.	2.5	0
116	F30â€...Q-motor assessments in the bidirect cohort study: feasibility, normative data and demographic effects. , 2021, , .		0
117	The Disease Burden on Our Shoulders. Deutsches Ärztblatt International, 2014, 111, 627-8.	0.9	0
118	Self-perceived versus physician documented adverse events in patients with multiple sclerosis REGIMS - a pharmacovigilance registry for patients with multiple sclerosis in Germany. Multiple Sclerosis and Related Disorders, 2022, 59, 103684.	2.0	0
119	ExomeChip-based rare variant association study in restless legs syndrome. Sleep Medicine, 2022, 94, 26-30.	1.6	0