

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	General cognitive ability assessment in the German National Cohort (NAKO) – The block-adaptive number series task. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 924-935.	2.6	5
2	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	2.6	18
3	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
4	The value of “mega cohorts”™ for psychiatric research. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 860-864.	2.6	7
5	Major depressive disorders increase the susceptibility to self-reported infections in two German cohort studies. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2023, 58, 277-286.	3.1	1
6	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
7	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
8	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
9	An uncertainty-aware, shareable, and transparent neural network architecture for brain-age modeling. <i>Science Advances</i> , 2022, 8, eabg9471.	10.3	13
10	Self-perceived versus physician documented adverse events in patients with multiple sclerosis REGIMS - a pharmacovigilance registry for patients with multiple sclerosis in Germany. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 59, 103684.	2.0	0
11	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
12	The Relative Importance of Vascular Risk Factors on Early Cognitive Aging Varies Only Slightly Between Men and Women. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 804842.	3.4	1
13	Results of the prospective multicenter SoLKiD cohort study indicate bio-psycho-social outcome risks to kidney donors 12 months after donation. <i>Kidney International</i> , 2022, 101, 597-606.	5.2	2
14	Associations Between Outcome Resilience and Sociodemographic Factors, Childhood Trauma, Personality Dimensions and Self-Rated Health in Middle-Aged Adults. <i>International Journal of Behavioral Medicine</i> , 2022, 29, 796-806.	1.7	4
15	Cohort Profile Update: The Study of Health in Pomerania (SHIP). <i>International Journal of Epidemiology</i> , 2022, 51, e372-e383.	1.9	73
16	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
17	ExomeChip-based rare variant association study in restless legs syndrome. <i>Sleep Medicine</i> , 2022, 94, 26-30.	1.6	0
18	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

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19	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
20	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
21	Sleep characteristics, cognitive performance, and gray matter volume: findings from the BiDirect Study. <i>Sleep</i> , 2021, 44, .	1.1	7
22	Associations between sleep apnea and advanced brain aging in a large-scale population study. <i>Sleep</i> , 2021, 44, .	1.1	27
23	Chances and Challenges of Registry-Based Pharmacovigilance in Multiple Sclerosis: Lessons Learnt from the Implementation of the Multicenter REGIMS Registry. <i>Drug Safety</i> , 2021, 44, 7-15.	3.2	5
24	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
25	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
26	Female Stroke. <i>Stroke</i> , 2021, 52, 406-415.	2.0	40
27	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
28	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021, 11, 192.	4.8	4
29	From “loose fitting”™ to high-performance, uncertainty-aware brain-age modelling. <i>Brain</i> , 2021, 144, e31-e31.	7.6	14
30	The association between genetically determined ABO blood types and major depressive disorder. <i>Psychiatry Research</i> , 2021, 299, 113837.	3.3	4
31	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
32	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
33	A method to define the relevant ego-centred spatial scale for the assessment of neighbourhood effects: the example of cardiovascular risk factors. <i>BMC Public Health</i> , 2021, 21, 1346.	2.9	1
34	Quality of Care for Patients With Multiple Sclerosis—A Review of Existing Quality Indicators. <i>Frontiers in Neurology</i> , 2021, 12, 708723.	2.4	2
35	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	1.3	29
36	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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37	F30â€¦Q-motor assessments in the bidirect cohort study: feasibility, normative data and demographic effects. , 2021, , .		0
38	Association Between Obstructive Sleep Apnea and Brain White Matter Hyperintensities in a Population-Based Cohort in Germany. JAMA Network Open, 2021, 4, e2128225.	5.9	25
39	Restless legs syndrome. Nature Reviews Disease Primers, 2021, 7, 80.	30.5	81
40	Generalized Anxiety and Panic Symptoms in the German National Cohort (NAKO). World Journal of Biological Psychiatry, 2021, , 1-37.	2.6	7
41	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
42	Identification of Restless Legs Syndrome Genes by Mutational Load Analysis. Annals of Neurology, 2020, 87, 184-193.	5.3	19
43	Management of MS Patients Treated With Daclizumab â€“ a Case Series of 267 Patients. Frontiers in Neurology, 2020, 11, 996.	2.4	8
44	Association Between Adherence to Quality Indicators and 7-Day In-Hospital Mortality After Acute Ischemic Stroke. Stroke, 2020, 51, 3664-3672.	2.0	7
45	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
46	Investigating the roles of age, sex, depression, and anxiety for valence and arousal ratings of words: a population-based study. BMC Psychology, 2020, 8, 118.	2.1	8
47	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. Biological Psychiatry, 2020, 88, 678-686.	1.3	116
48	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. Translational Psychiatry, 2020, 10, 172.	4.8	121
49	Effects of age on trait resilience in a population-based cohort and two patient cohorts. Journal of Psychosomatic Research, 2020, 136, 110170.	2.6	14
50	Factors associated with habitual time spent in different physical activity intensities using multiday accelerometry. Scientific Reports, 2020, 10, 774.	3.3	10
51	Rare Variants in Specific Lysosomal Genes Are Associated With Parkinson's Disease. Movement Disorders, 2020, 35, 1245-1248.	3.9	37
52	Biological sex classification with structural MRI data shows increased misclassification in transgender women. Neuropsychopharmacology, 2020, 45, 1758-1765.	5.4	14
53	Private variants in PRKN are associated with late-onset Parkinson's disease. Parkinsonism and Related Disorders, 2020, 75, 24-26.	2.2	4
54	The Impact of the COVID-19 Pandemic on Self-Reported Health. Deutsches Ärztblatt International, 2020, 117, 861-867.	0.9	89

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55	A Self-administered Version of the Functioning Assessment Short Test for Use in Population-based Studies: A Pilot Study. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2020, 16, 192-203.	1.2	3
56	Stroke admission outside daytime working hours delays mechanical thrombectomy and worsens short-term outcome. <i>International Journal of Stroke</i> , 2019, 14, 517-521.	5.9	6
57	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
58	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
59	<p>Drug-use patterns and severe adverse events with disease-modifying drugs in patients with multiple sclerosis: a cohort study based on German claims data</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1439-1457.	2.2	9
60	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
61	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
62	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
63	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
64	Investigation of the physical and psychosocial outcomes after living kidney donation - a multicenter cohort study (SoLKID - Safety of Living Kidney Donors). <i>BMC Nephrology</i> , 2018, 19, 83.	1.8	9
65	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
66	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
67	Interaction of Developmental Venous Anomalies with Resting-State Functional MRI Measures. <i>American Journal of Neuroradiology</i> , 2018, 39, 2326-2331.	2.4	5
68	Lack of Association Between Shape and Volume of Subcortical Brain Structures and Restless Legs Syndrome. <i>Frontiers in Neurology</i> , 2018, 9, 355.	2.4	5
69	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
70	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
71	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
72	Stroke unit care in germany: the german stroke registers study group (ADSR). <i>BMC Neurology</i> , 2017, 17, 49.	1.8	28

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73	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
74	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
75	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
76	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
77	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
78	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
79	Direct Mechanical Intervention Versus Bridging Therapy in Stroke Patients Eligible for Intravenous Thrombolysis. <i>Stroke</i> , 2017, 48, 3282-3288.	2.0	75
80	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
81	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
82	Achievements, challenges, and future perspectives of epidemiologic research in restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2017, 31, 3-9.	1.6	38
83	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
84	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
85	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
86	Outcome After Thrombectomy and Intravenous Thrombolysis in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1584-1592.	2.0	82
87	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
88	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
89	Association between major depressive disorder and odor identification impairment. <i>Journal of Affective Disorders</i> , 2016, 203, 332-338.	4.1	27
90	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284

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91	Lack of Association between Genetic Risk Loci for Restless Legs Syndrome and Multimorbidity. <i>Sleep</i> , 2016, 39, 111-115.	1.1	7
92	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
93	ADAMTS genes and the risk of cerebral aneurysm. <i>Journal of Neurosurgery</i> , 2016, 125, 269-274.	1.6	22
94	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
95	Explaining the Decrease of In-Hospital Mortality from Ischemic Stroke. <i>PLoS ONE</i> , 2015, 10, e0131473.	2.5	18
96	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
97	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
98	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
99	Volume transition analysis: A new approach to resolve reclassification of brain tissue in repeated MRI scans. <i>Journal of Neuroscience Methods</i> , 2015, 243, 78-83.	2.5	0
100	Associations between poor sleep quality and different measures of obesity. <i>Sleep Medicine</i> , 2015, 16, 1225-1228.	1.6	106
101	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
102	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
103	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
104	Multimorbidity and the risk of restless legs syndrome in 2 prospective cohort studies. <i>Neurology</i> , 2014, 82, 2026-2033.	1.1	64
105	Migraine and restless legs syndrome: A systematic review. <i>Cephalalgia</i> , 2014, 34, 777-794.	3.9	68
106	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
107	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
108	The Influence of Neighborhood Unemployment on Mortality after Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1529-1536.	1.6	1

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109	Coronary Artery Calcification, Intima-Media Thickness, and Ankle-Brachial Index Are Complementary Stroke Predictors. <i>Stroke</i> , 2014, 45, 2702-2709.	2.0	20
110	The Disease Burden on Our Shoulders. <i>Deutsches Ärzteblatt International</i> , 2014, 111, 627-8.	0.9	0
111	The Importance Of A Standardized Instrument To Assess The Burden Of Multimorbidity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 1395-1396.	3.6	1
112	Segmentation of medical images using geo-theoretic distance matrix in fuzzy clustering. , 2009, , .		5
113	RLS epidemiology—Frequencies, risk factors and methods in population studies. <i>Movement Disorders</i> , 2007, 22, S420-S423.	3.9	80
114	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
115	Sex and the Risk of Restless Legs Syndrome in the General Population. <i>Archives of Internal Medicine</i> , 2004, 164, 196.	3.8	637
116	The Influence of Poor Sleep on Quality of Life in Patients with Parkinson's Disease - A Prospective Study. <i>Der Einfluss von schlechtem Schlaf auf die Lebensqualität von Patienten mit M. Parkinson - Eine prospektive Studie. Somnologie</i> , 2003, 7, 134-139.	1.5	6
117	Non-opioid analgesics and the risk of restless leg syndrome—a spurious association?. <i>Sleep Medicine</i> , 2003, 4, 351-352.	1.6	9
118	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
119	Exercise and Risk of Stroke in Male Physicians. <i>Stroke</i> , 1999, 30, 1-6.	2.0	260