

# Inga K Koerte

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

3,040  
citations

147801

31  
h-index

175258

52  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4619  
citing authors

#	ARTICLE	IF	CITATIONS
1	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
2	White Matter Integrity in the Brains of Professional Soccer Players Without a Symptomatic Concussion. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1859.	7.4	205
3	Age at First Exposure to Football Is Associated with Altered Corpus Callosum White Matter Microstructure in Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2015, 32, 1768-1776.	3.4	150
4	Altered Neurochemistry in Former Professional Soccer Players without a History of Concussion. <i>Journal of Neurotrauma</i> , 2015, 32, 1287-1293.	3.4	131
5	Cortical thinning in former professional soccer players. <i>Brain Imaging and Behavior</i> , 2016, 10, 792-798.	2.1	115
6	A Review of Neuroimaging Findings in Repetitive Brain Trauma. <i>Brain Pathology</i> , 2015, 25, 318-349.	4.1	107
7	Cavum Septi Pellucidi in Symptomatic Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2016, 33, 346-353.	3.4	102
8	A prospective study of physician-observed concussion during a varsity university hockey season: white matter integrity in ice hockey players. Part 3 of 4. <i>Neurosurgical Focus</i> , 2012, 33, E3.	2.3	90
9	Hockey Concussion Education Project, Part 2. Microstructural white matter alterations in acutely concussed ice hockey players: a longitudinal free-water MRI study. <i>Journal of Neurosurgery</i> , 2014, 120, 873-881.	1.6	86
10	Hockey Concussion Education Project, Part 3. White matter microstructure in ice hockey players with a history of concussion: a diffusion tensor imaging study. <i>Journal of Neurosurgery</i> , 2014, 120, 882-890.	1.6	83
11	Age at First Exposure to Repetitive Head Impacts Is Associated with Smaller Thalamic Volumes in Former Professional American Football Players. <i>Journal of Neurotrauma</i> , 2018, 35, 278-285.	3.4	76
12	Mirror movements in healthy humans across the lifespan: effects of development and ageing. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 1106-1112.	2.1	69
13	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	7.9	69
14	Impaired Cognitive Performance in Youth Athletes Exposed to Repetitive Head Impacts. <i>Journal of Neurotrauma</i> , 2017, 34, 2389-2395.	3.4	64
15	Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. <i>NeuroImage: Clinical</i> , 2018, 17, 642-649.	2.7	62
16	White matter signal abnormalities in former National Football League players. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 56-65.	2.4	57
17	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	7.9	52
18	Neuroimaging in repetitive brain trauma. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 10.	6.2	49

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19	Hockey Concussion Education Project, Part 1. Susceptibility-weighted imaging study in male and female ice hockey players over a single season. <i>Journal of Neurosurgery</i> , 2014, 120, 864-872.	1.6	49
20	Sex-Related Differences in the Effects of Sports-Related Concussion: A Review. <i>Journal of Neuroimaging</i> , 2020, 30, 387-409.	2.0	48
21	White matter alterations in college football players: a longitudinal diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2018, 12, 44-53.	2.1	47
22	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 762-771.	4.3	45
23	White matter abnormalities in mild traumatic brain injury with and without post-traumatic stress disorder: a subject-specific diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2018, 12, 870-881.	2.1	44
24	Anisotropy of transcallosal motor fibres indicates functional impairment in children with periventricular leukomalacia. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 179-186.	2.1	43
25	Increased hippocampal shape asymmetry and volumetric ventricular asymmetry in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020, 26, 102207.	2.7	41
26	A magnetic resonance spectroscopy investigation in symptomatic former NFL players. <i>Brain Imaging and Behavior</i> , 2020, 14, 1419-1429.	2.1	39
27	Anisotropy of Callosal Motor Fibers in Combination With Transcranial Magnetic Stimulation in the Course of Motor Development. <i>Investigative Radiology</i> , 2009, 44, 279-284.	6.2	36
28	Automated versus manual segmentation of brain region volumes in former football players. <i>NeuroImage: Clinical</i> , 2018, 18, 888-896.	2.7	35
29	Limbic system structure volumes and associated neurocognitive functioning in former NFL players. <i>Brain Imaging and Behavior</i> , 2019, 13, 725-734.	2.1	35
30	MRI Evidence for Altered Venous Drainage and Intracranial Compliance in Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e55447.	2.5	35
31	Abnormal Motor Cortex Excitability in Congenital Stroke. <i>Pediatric Research</i> , 2008, 63, 84-88.	2.3	34
32	Hyperdense basilar artery sign—a reliable sign of basilar artery occlusion. <i>Neuroradiology</i> , 2012, 54, 321-327.	2.2	34
33	Magnetic Resonance-Based Estimation of Intracranial Pressure Correlates With Ventriculoperitoneal Shunt Valve Opening Pressure Setting in Children With Hydrocephalus. <i>Investigative Radiology</i> , 2013, 48, 543-547.	6.2	33
34	<scp>ENIGMA</scp> brain injury: Framework, challenges, and opportunities. <i>Human Brain Mapping</i> , 2022, 43, 149-166.	3.6	33
35	Developing methods to detect and diagnose chronic traumatic encephalopathy during life: rationale, design, and methodology for the DIAGNOSE CTE Research Project. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 136.	6.2	30
36	Impaired white matter connectivity between regions containing mirror neurons, and relationship to negative symptoms and social cognition, in patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 229-237.	2.1	26

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37	Botulinum Toxin Type A and B for the Reduction of Hypersalivation in Children with Neurological Disorders: A Focus on Effectiveness and Therapy Adherence. <i>Neuropediatrics</i> , 2012, 43, 027-036.	0.6	24
38	Mild traumatic brain injury impacts associations between limbic system microstructure and post-traumatic stress disorder symptomatology. <i>NeuroImage: Clinical</i> , 2020, 26, 102190.	2.7	24
39	Altered Cerebrovenous Drainage in Patients With Migraine as Assessed by Phase-Contrast Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2011, 46, 434-440.	6.2	23
40	Muscle Atrophy Beyond the Clinical Effect After a Single Dose of OnabotulinumtoxinA Injected in the Procerus Muscle: A Study with Magnetic Resonance Imaging. <i>Dermatologic Surgery</i> , 2013, 39, 761-765.	0.8	22
41	Imaging of Concussion in Young Athletes. <i>Neuroimaging Clinics of North America</i> , 2018, 28, 43-53.	1.0	22
42	A global collaboration to study intimate partner violence-related head trauma: The ENIGMA consortium IPV working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 475-503.	2.1	21
43	Diffusion imaging of mild traumatic brain injury in the impact accelerated rodent model: A pilot study. <i>Brain Injury</i> , 2017, 31, 1376-1381.	1.2	19
44	Neuro-Metabolite Changes in a Single Season of University Ice Hockey Using Magnetic Resonance Spectroscopy. <i>Frontiers in Neurology</i> , 2018, 9, 616.	2.4	19
45	Investigating Sexual Dimorphism of Human White Matter in a Harmonized, Multisite Diffusion Magnetic Resonance Imaging Study. <i>Cerebral Cortex</i> , 2021, 31, 201-212.	2.9	19
46	The Sport Concussion Education Project. A brief report on an educational initiative: from concept to curriculum. <i>Journal of Neurosurgery</i> , 2014, 121, 1331-1336.	1.6	17
47	Mathematical abilities in dyslexic children: a diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2016, 10, 781-791.	2.1	17
48	Alteration of gray matter microstructure in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 54-63.	2.1	16
49	Interactive Effects of Racial Identity and Repetitive Head Impacts on Cognitive Function, Structural MRI-Derived Volumetric Measures, and Cerebrospinal Fluid Tau and A $\beta$ <sup>2</sup> . <i>Frontiers in Human Neuroscience</i> , 2019, 13, 440.	2.0	14
50	Inter- and intra-rater reliability of blood and cerebrospinal fluid flow quantification by phase-contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 655-662.	3.4	13
51	Chronic traumatic encephalopathy: neuroimaging biomarkers. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 158, 309-322.	1.8	12
52	Serum Neurosteroid Levels Are Associated With Cortical Thickness in Individuals Diagnosed With Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 285-299.	1.7	12
53	No differences in tandem gait performance between male and female athletes acutely post-concussion. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 814-819.	1.3	11
54	Age at First Exposure to Tackle Football is Associated with Cortical Thickness in Former Professional American Football Players. <i>Cerebral Cortex</i> , 2021, 31, 3426-3434.	2.9	11

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55	Translational neuroimaging in mild traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2022, 100, 1201-1217.	2.9	11
56	Non-specific alterations of craniocervical venous drainage in multiple sclerosis revealed by cardiac-gated phase-contrast MRI. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1000-1007.	3.0	10
57	MRI evidence for preserved regulation of intracranial pressure in patients with cerebral arteriovenous malformations. <i>European Journal of Radiology</i> , 2014, 83, 1442-1447.	2.6	10
58	The effects of repetitive head impacts on postural control: A systematic review. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 247-257.	1.3	10
59	Coordinating Global Multi-Site Studies of Military-Relevant Traumatic Brain Injury: Opportunities, Challenges, and Harmonization Guidelines. <i>Brain Imaging and Behavior</i> , 2021, 15, 585-613.	2.1	9
60	The ENIGMA sports injury working group: an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 576-584.	2.1	8
61	Microstructure of transcallosal motor fibers reflects type of cortical (re-)organization in congenital hemiparesis. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 691-697.	1.6	7
62	Exposure to Repetitive Head Impacts Is Associated With Corpus Callosum Microstructure and Plasma Total Tau in Former Professional American Football Players. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1819-1829.	3.4	7
63	Evaluating the validity of self-report as a method for quantifying heading exposure in male youth soccer. <i>Research in Sports Medicine</i> , 2021, 29, 427-439.	1.3	6
64	REPIMPACT - a prospective longitudinal multisite study on the effects of repetitive head impacts in youth soccer. <i>Brain Imaging and Behavior</i> , 2022, 16, 492-502.	2.1	6
65	Age-dependent white matter disruptions after military traumatic brain injury: Multivariate analysis results from ENIGMA brain injury. <i>Human Brain Mapping</i> , 2022, 43, 2653-2667.	3.6	6
66	Using Machine Learning techniques for identification of Chronic Traumatic Encephalopathy related Spectroscopic Biomarkers. , 2017, , .		4
67	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.5	2
68	Toward Imaging Chronic Traumatic Encephalopathy. , 2018, , 141-153.		0
69	23 Evaluation of in-ear sensor systems for quantifying head impact exposure in youth football. , 2019, , .		0
70	24 Evaluation of in-ear sensor systems for quantifying head impact exposure in youth football. , 2019, , .		0
71	Quantifying and Examining Reserve in Symptomatic Former National Football League Players. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-15.	2.6	0