

Bogdan Draganski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124 papers	10,350 citations	44 h-index	101 g-index
138 ext. papers	11,982 ext. citations	7 avg, IF	5.83 L-index

#	Paper	IF	Citations
124	Mind the gap: Performance metric evaluation in brain-age prediction.. <i>Human Brain Mapping</i> , 2022 ,	5.9	1
123	Clinical phenotype modulates brain's myelin and iron content in temporal lobe epilepsy. <i>Brain Structure and Function</i> , 2021 , 1	4	0
122	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021 , 11, 182	8.6	6
121	Gradient of electro-convulsive therapy's antidepressant effects along the longitudinal hippocampal axis. <i>Translational Psychiatry</i> , 2021 , 11, 191	8.6	1
120	Mapping grip force to motor networks. <i>NeuroImage</i> , 2021 , 229, 117735	7.9	1
119	Temporal trajectory of brain tissue property changes induced by electroconvulsive therapy. <i>NeuroImage</i> , 2021 , 232, 117895	7.9	6
118	Lessons Learned From Neuroimaging Studies of Copy Number Variants: A Systematic Review. <i>Biological Psychiatry</i> , 2021 , 90, 596-610	7.9	1
117	Brain tissue properties link cardio-vascular risk factors, mood and cognitive performance in the CoLausPsyCoLaus epidemiological cohort. <i>Neurobiology of Aging</i> , 2021 , 102, 50-63	5.6	1
116	Temporal Dynamics of Brain White Matter Plasticity in Sighted Subjects during Tactile Braille Learning: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroscience</i> , 2021 , 41, 7076-7085	6.6	0
115	Effects of eight neuropsychiatric copy number variants on human brain structure. <i>Translational Psychiatry</i> , 2021 , 11, 399	8.6	3
114	Brain plasticity dynamics during tactile Braille learning in sighted subjects: Multi-contrast MRI approach. <i>NeuroImage</i> , 2021 , 227, 117613	7.9	2
113	The Relationship between Life Course Socioeconomic Conditions and Objective and Subjective Memory in Older Age. <i>Brain Sciences</i> , 2021 , 11,	3.4	5
112	Apolipoprotein E allele 4 effects on Single-Subject Gray Matter Networks in Mild Cognitive Impairment. <i>NeuroImage: Clinical</i> , 2021 , 32, 102799	5.3	
111	Apolipoprotein E4 effects on topological brain network organization in mild cognitive impairment. <i>Scientific Reports</i> , 2021 , 11, 845	4.9	1
110	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2021 ,	5.9	6
109	Composite trait Mendelian randomization reveals distinct metabolic and lifestyle consequences of differences in body shape. <i>Communications Biology</i> , 2021 , 4, 1064	6.7	1
108	Isolate or combine: population receptive field size in (un)crowding. <i>Journal of Vision</i> , 2021 , 21, 2196	0.4	

107	Unraveling brain interactions in vision: The example of crowding. <i>NeuroImage</i> , 2021 , 240, 118390	7.9	1
106	Mean Oxygen Saturation during Sleep Is Related to Specific Brain Atrophy Pattern. <i>Annals of Neurology</i> , 2020 , 87, 921-930	9.4	8
105	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. <i>Neurobiology of Aging</i> , 2020 , 88, 108-118	5.6	21
104	Neuro-Clinical Signatures of Language Impairments after Acute Stroke: A VBQ Analysis of Quantitative Native CT Scans. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 792-799	3	1
103	Remodeling of brain morphology in temporal lobe epilepsy. <i>Brain and Behavior</i> , 2020 , 10, e01825	3.4	1
102	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020 , 25, 584-602	15.1	24
101	Mechanisms of change in brief treatments for borderline personality disorder: a protocol of a randomized controlled trial. <i>Trials</i> , 2020 , 21, 335	2.8	0
100	Integrating core conflictual relationship themes in neurobiological assessment of interpersonal processes in psychotherapy. <i>Counselling and Psychotherapy Research</i> , 2020 , 20, 488-496	1.3	2
99	SPHN - The Swiss Aging Citizen Reference (SACR). <i>Studies in Health Technology and Informatics</i> , 2020 , 270, 1168-1169	0.5	
98	Trajectories of brain remodeling in temporal lobe epilepsy. <i>Journal of Neurology</i> , 2019 , 266, 3150-3159	5.5	1
97	Evolution of white matter tract microstructure across the life span. <i>Human Brain Mapping</i> , 2019 , 40, 2252-2268	3.3	43
96	hMRI - A toolbox for quantitative MRI in neuroscience and clinical research. <i>NeuroImage</i> , 2019 , 194, 191-210	7.9	73
95	Spatial Resolution and Imaging Encoding fMRI Settings for Optimal Cortical and Subcortical Motor Somatotopy in the Human Brain. <i>Frontiers in Neuroscience</i> , 2019 , 13, 571	5.1	7
94	The Combination of DAT-SPECT, Structural and Diffusion MRI Predicts Clinical Progression in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 57	5.3	12
93	Example dataset for the hMRI toolbox. <i>Data in Brief</i> , 2019 , 25, 104132	1.2	12
92	Dopaminergic modulation of motor network compensatory mechanisms in Parkinson's disease. <i>Human Brain Mapping</i> , 2019 , 40, 4397-4416	5.9	2
91	Developmental trajectories of neuroanatomical alterations associated with the 16p11.2 Copy Number Variations. <i>NeuroImage</i> , 2019 , 203, 116155	7.9	6
90	A nation-wide initiative for brain imaging and clinical phenotype data federation in Swiss university memory centres. <i>Current Opinion in Neurology</i> , 2019 , 32, 557-563	7.1	2

89	Quantifying the Effects of 16p11.2 Copy Number Variants on Brain Structure: A Multisite Genetic-First Study. <i>Biological Psychiatry</i> , 2018 , 84, 253-264	7.9	33
88	Simultaneous estimation of population receptive field and hemodynamic parameters from single point BOLD responses using Metropolis-Hastings sampling. <i>NeuroImage</i> , 2018 , 172, 175-193	7.9	8
87	Networks of myelin covariance. <i>Human Brain Mapping</i> , 2018 , 39, 1532-1554	5.9	18
86	Controlling motion artefact levels in MR images by suspending data acquisition during periods of head motion. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 2415-2426	4.4	14
85	Change in Emotional and Theory of Mind Processing in Borderline Personality Disorder: A Pilot Study. <i>Journal of Nervous and Mental Disease</i> , 2018 , 206, 935-943	1.8	8
84	Sustained enhancements in inhibitory control depend primarily on the reinforcement of fronto-basal anatomical connectivity. <i>Brain Structure and Function</i> , 2017 , 222, 635-643	4	14
83	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. <i>NeuroImage: Clinical</i> , 2017 , 14, 422-432	5.3	37
82	Regional volumetric change in Parkinson's disease with cognitive decline. <i>Journal of the Neurological Sciences</i> , 2017 , 373, 88-94	3.2	20
81	Neuroticism, depression, and anxiety traits exacerbate the state of cognitive impairment and hippocampal vulnerability to Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017 , 7, 107-114	5.2	19
80	Un-crowding affects cortical activation in V1 differently from LOC. <i>Journal of Vision</i> , 2017 , 17, 368	0.4	
79	Brain networks modulated by subthalamic nucleus deep brain stimulation. <i>Brain</i> , 2016 , 139, 2503-15	11.2	88
78	Embodied neurology: an integrative framework for neurological disorders. <i>Brain</i> , 2016 , 139, 1855-61	11.2	32
77	The Number of Genomic Copies at the 16p11.2 Locus Modulates Language, Verbal Memory, and Inhibition. <i>Biological Psychiatry</i> , 2016 , 80, 129-139	7.9	57
76	Deep brain stimulation of the posterior gyrus rectus region for treatment resistant depression. <i>Journal of Affective Disorders</i> , 2016 , 194, 33-7	6.6	33
75	16p11.2 Locus modulates response to satiety before the onset of obesity. <i>International Journal of Obesity</i> , 2016 , 40, 870-6	5.5	16
74	New tissue priors for improved automated classification of subcortical brain structures on MRI. <i>NeuroImage</i> , 2016 , 130, 157-166	7.9	65
73	Defining the Effect of the 16p11.2 Duplication on Cognition, Behavior, and Medical Comorbidities. <i>JAMA Psychiatry</i> , 2016 , 73, 20-30	14.5	120
72	On the Compatibility of Big Data Driven Research and Informed Consent: The Example of the Human Brain Project. <i>Law, Governance and Technology Series</i> , 2016 , 199-218	0	9

71	Outcome Prediction of Consciousness Disorders in the Acute Stage Based on a Complementary Motor Behavioural Tool. <i>PLoS ONE</i> , 2016 , 11, e0156882	3.7	33
70	Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. <i>Human Brain Mapping</i> , 2016 , 37, 1801-15	5.9	62
69	The concept of schizotypy - A computational anatomy perspective. <i>Schizophrenia Research: Cognition</i> , 2015 , 2, 89-92	2.8	11
68	Insights into Gilles de la Tourette Syndrome from the Neuroimaging Perspective 2015 , 737-741		
67	Differential patterns of functional and structural plasticity within and between inferior frontal gyri support training-induced improvements in inhibitory control proficiency. <i>Human Brain Mapping</i> , 2015 , 36, 2527-43	5.9	41
66	Automatic target validation based on neuroscientific literature mining for tractography. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 66	3.6	7
65	Investigating Neuroanatomical Features in Top Athletes at the Single Subject Level. <i>PLoS ONE</i> , 2015 , 10, e0129508	3.7	9
64	The perception of touch and the ventral somatosensory pathway. <i>Brain</i> , 2015 , 138, 540-8	11.2	38
63	Basal ganglia-cortical structural connectivity in Huntington's disease. <i>Human Brain Mapping</i> , 2015 , 36, 1728-40	5.9	26
62	The 16p11.2 locus modulates brain structures common to autism, schizophrenia and obesity. <i>Molecular Psychiatry</i> , 2015 , 20, 140-7	15.1	112
61	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? Response to Alkemade and Forstmann. <i>NeuroImage</i> , 2015 , 110, 1-2	7.9	24
60	Electroconvulsive therapy-induced brain plasticity determines therapeutic outcome in mood disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1156-61	11.5	116
59	Structural brain plasticity in Parkinson's disease induced by balance training. <i>Neurobiology of Aging</i> , 2014 , 35, 232-9	5.6	107
58	Investigation of memory, executive functions, and anatomic correlates in asymptomatic FMR1 premutation carriers. <i>Neurobiology of Aging</i> , 2014 , 35, 1939-46	5.6	16
57	Computational anatomy for studying use-dependant brain plasticity. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 380	3.3	23
56	Disentangling in vivo the effects of iron content and atrophy on the ageing human brain. <i>NeuroImage</i> , 2014 , 103, 280-289	7.9	47
55	Brain tissue properties differentiate between motor and limbic basal ganglia circuits. <i>Human Brain Mapping</i> , 2014 , 35, 5083-92	5.9	63
54	Grey matter changes in motor conversion disorder. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 236-8	5.5	42

53	Widespread age-related differences in the human brain microstructure revealed by quantitative magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2014 , 35, 1862-72	5.6	182
52	Influence of magnetic field strength and image registration strategy on voxel-based morphometry in a study of Alzheimer's disease. <i>Human Brain Mapping</i> , 2014 , 35, 1865-74	5.9	25
51	Complex regional pain syndrome type I affects brain structure in prefrontal and motor cortex. <i>PLoS ONE</i> , 2014 , 9, e85372	3.7	38
50	Dopamine reverses reward insensitivity in apathy following globus pallidus lesions. <i>Cortex</i> , 2013 , 49, 1292-303	3.8	75
49	How early can we predict Alzheimer's disease using computational anatomy?. <i>Neurobiology of Aging</i> , 2013 , 34, 2815-26	5.6	67
48	Relationship between imaging biomarkers, age, progression and symptom severity in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2013 , 3, 84-94	5.3	49
47	Brain structure in asymptomatic FMR1 premutation carriers at risk for fragile X-associated tremor/ataxia syndrome. <i>Neurobiology of Aging</i> , 2013 , 34, 1700-7	5.6	47
46	In vivo assessment of use-dependent brain plasticity--beyond the "one trick pony" imaging strategy. <i>NeuroImage</i> , 2013 , 73, 255-9; discussion 265-7	7.9	14
45	Generative FDG-PET and MRI model of aging and disease progression in Alzheimer's disease. <i>PLoS Computational Biology</i> , 2013 , 9, e1002987	5	56
44	Impact of brain aging and neurodegeneration on cognition: evidence from MRI. <i>Current Opinion in Neurology</i> , 2013 , 26, 640-5	7.1	21
43	Characterizing aging in the human brainstem using quantitative multimodal MRI analysis. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 462	3.3	43
42	Reference cluster normalization improves detection of frontotemporal lobar degeneration by means of FDG-PET. <i>PLoS ONE</i> , 2013 , 8, e55415	3.7	22
41	Morphometric Analyses in Movement Disorders 2013 , 25-47		
40	Confirmation of functional zones within the human subthalamic nucleus: patterns of connectivity and sub-parcellation using diffusion weighted imaging. <i>NeuroImage</i> , 2012 , 60, 83-94	7.9	246
39	Body context and posture affect mental imagery of hands. <i>PLoS ONE</i> , 2012 , 7, e34382	3.7	43
38	Altered brain mechanisms of emotion processing in pre-manifest Huntington's disease. <i>Brain</i> , 2012 , 135, 1165-79	11.2	69
37	Regional specificity of MRI contrast parameter changes in normal ageing revealed by voxel-based quantification (VBQ). <i>NeuroImage</i> , 2011 , 55, 1423-34	7.9	204
36	Dynamic properties of human brain structure: learning-related changes in cortical areas and associated fiber connections. <i>Journal of Neuroscience</i> , 2010 , 30, 11670-7	6.6	355

35	Multispectral brain morphometry in Tourette syndrome persisting into adulthood. <i>Brain</i> , 2010 , 133, 3661-75	11.5	113
34	Brain structure in movement disorders: a neuroimaging perspective. <i>Current Opinion in Neurology</i> , 2010 , 23, 413-9	7.1	18
33	Modulatory effects of 5Hz rTMS over the primary somatosensory cortex in focal dystonia--an fMRI-TMS study. <i>Movement Disorders</i> , 2010 , 25, 76-83	7	34
32	Voxel-based morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. <i>Brain</i> , 2009 , 132, 3443-55	11.2	148
31	Automatic detection of preclinical neurodegeneration: presymptomatic Huntington disease. <i>Neurology</i> , 2009 , 72, 426-31	6.5	81
30	Functional compensation of motor function in pre-symptomatic Huntington's disease. <i>Brain</i> , 2009 , 132, 1624-32	11.2	87
29	Structural correlates of preterm birth in the adolescent brain. <i>Pediatrics</i> , 2009 , 124, e964-72	7.4	85
28	Improved segmentation of deep brain grey matter structures using magnetization transfer (MT) parameter maps. <i>NeuroImage</i> , 2009 , 47, 194-8	7.9	143
27	Genotype-phenotype interactions in primary dystonias revealed by differential changes in brain structure. <i>NeuroImage</i> , 2009 , 47, 1141-7	7.9	53
26	A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. <i>NeuroImage</i> , 2009 , 48, 371-80	7.9	420
25	Evidence for segregated and integrative connectivity patterns in the human Basal Ganglia. <i>Journal of Neuroscience</i> , 2008 , 28, 7143-52	6.6	576
24	Training-induced structural changes in the adult human brain. <i>Behavioural Brain Research</i> , 2008 , 192, 137-42	3.4	319
23	Interpreting scan data acquired from multiple scanners: a study with Alzheimer's disease. <i>NeuroImage</i> , 2008 , 39, 1180-5	7.9	175
22	A plea for confidence intervals and consideration of generalizability in diagnostic studies. <i>Brain</i> , 2008 , 132, e102-e102	11.2	9
21	White matter connections reflect changes in voluntary-guided saccades in pre-symptomatic Huntington's disease. <i>Brain</i> , 2008 , 131, 196-204	11.2	143
20	Anti-basal ganglia antibodies and Tourette's syndrome: a voxel-based morphometry and diffusion tensor imaging study in an adult population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 820-2	5.5	20
19	Automatic classification of MR scans in Alzheimer's disease. <i>Brain</i> , 2008 , 131, 681-9	11.2	847
18	How the brain translates money into force: a neuroimaging study of subliminal motivation. <i>Science</i> , 2007 , 316, 904-6	33.3	455

17	Decrease of thalamic gray matter following limb amputation. <i>NeuroImage</i> , 2006 , 31, 951-7	7.9	154
16	Temporal and spatial dynamics of brain structure changes during extensive learning. <i>Journal of Neuroscience</i> , 2006 , 26, 6314-7	6.6	584
15	Affective components and intensity of pain correlate with structural differences in gray matter in chronic back pain patients. <i>Pain</i> , 2006 , 125, 89-97	8	299
14	Bilateral thalamic gray matter changes in patients with restless legs syndrome. <i>NeuroImage</i> , 2005 , 24, 1242-7	7.9	100
13	Gray matter decrease in patients with chronic tension type headache. <i>Neurology</i> , 2005 , 65, 1483-6	6.5	327
12	Detection of cardiac right-to-left shunts by contrast-enhanced harmonic carotid duplex sonography. <i>Journal of Ultrasound in Medicine</i> , 2005 , 24, 1071-6	2.9	10
11	Transcranial ultrasound brain perfusion assessment with a contrast agent-specific imaging mode: results of a two-center trial. <i>Stroke</i> , 2005 , 36, 2283-5	6.7	30
10	Neuroplasticity: changes in grey matter induced by training. <i>Nature</i> , 2004 , 427, 311-2	50.4	1674
9	Selective activation of ectopic grey matter during motor task. <i>NeuroReport</i> , 2004 , 15, 251-3	1.7	7
8	Brain Perfusion Imaging of a Craniopharyngioma by Transcranial Duplex Sonography 2003 , 13, 303-306		2
7	Observation on the integrity of the blood-brain barrier after microbubble destruction by diagnostic transcranial color-coded sonography. <i>Journal of Ultrasound in Medicine</i> , 2002 , 21, 419-29	2.9	36
6	Hypothalamic gray matter changes in narcoleptic patients. <i>Nature Medicine</i> , 2002 , 8, 1186-8	50.5	88
5	Transcranial duplex sonography in the detection of patent foramen ovale. <i>Radiology</i> , 2002 , 225, 693-9	20.5	53
4	Analysis of CO2 vasomotor reactivity and vessel diameter changes by simultaneous venous and arterial Doppler recordings. <i>Stroke</i> , 1999 , 30, 81-6	6.7	73
3	Composite trait Mendelian Randomization reveals distinct metabolic and lifestyle consequences of differences in body shape		2
2	Multiple Linear Regression: Bayesian Inference for Distributed and Big Data in the Medical Informatics Platform of the Human Brain Project		3
1	Mind the gap: performance metric evaluation in brain-age prediction		3