Bogdan Draganski

List of Publications by Year
in descending order

125	13,104	41344 49	24258 110
papers	citations	h-index	g-index

138	138	138	16161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
2	Clinical phenotype modulates brainâ€™s myelin and iron content in temporal lobe epilepsy. Brain Structure and Function, 2022, 227, 901-911.	2.3	3
3	Mind the gap: Performance metric evaluation in brainâ€age prediction. Human Brain Mapping, 2022, 43, 3113-3129.	3.6	58
4	Sexâ€•and ageâ€specific associations between cardiometabolic risk and white matter brain age in the <scp>UK</scp> Biobank cohort. Human Brain Mapping, 2022, 43, 3759-3774.	3.6	16
5	Brain plasticity dynamics during tactile Braille learning in sighted subjects: Multi-contrast MRI approach. NeuroImage, 2021, 227, 117613.	4.2	16
6	The Relationship between Life Course Socioeconomic Conditions and Objective and Subjective Memory in Older Age. Brain Sciences, 2021, 11, 61.	2.3	12
7	Apolipoprotein E allele 4 effects on Single-Subject Gray Matter Networks in Mild Cognitive Impairment. NeuroImage: Clinical, 2021, 32, 102799.	2.7	2
8	Apolipoprotein E4 effects on topological brain network organization in mild cognitive impairment. Scientific Reports, 2021, 11, 845.	3.3	6
9	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	4.8	24
10	Gradient of electro-convulsive therapyâ€™s antidepressant effects along the longitudinal hippocampal axis. Translational Psychiatry, 2021, 11, 191.	4.8	2
11	Mapping grip force to motor networks. NeuroImage, 2021, 229, 117735.	4.2	6
12	Temporal trajectory of brain tissue property changes induced by electroconvulsive therapy. NeuroImage, 2021, 232, 117895.	4.2	20
13	Lessons Learned From Neuroimaging Studies of Copy Number Variants: A Systematic Review. Biological Psychiatry, 2021, 90, 596-610.	1.3	22
14	Brain tissue properties link cardio-vascular risk factors, mood and cognitive performance in the CoLaus|PsyCoLaus epidemiological cohort. Neurobiology of Aging, 2021, 102, 50-63.	3.1	14
15	Temporal Dynamics of Brain White Matter Plasticity in Sighted Subjects during Tactile Braille Learning: A Longitudinal Diffusion Tensor Imaging Study. Journal of Neuroscience, 2021, 41, 7076-7085.	3.6	5
16	Effects of eight neuropsychiatric copy number variants on human brain structure. Translational Psychiatry, 2021, 11, 399.	4.8	18
17	Composite trait Mendelian randomization reveals distinct metabolic and lifestyle consequences of differences in body shape. Communications Biology, 2021, 4, 1064.	4.4	13
18	Isolate or combine: population receptive field size in (un)crowding. Journal of Vision, 2021, 21, 2196.	0.3	0

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19	Unraveling brain interactions in vision: The example of crowding. NeuroImage, 2021, 240, 118390.	4.2	3
20	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
21	Remodeling of brain morphology in temporal lobe epilepsy. Brain and Behavior, 2020, 10, e01825.	2.2	3
22	General Principles of Gene Dosage Effects on Brain Structure. Biological Psychiatry, 2020, 87, S177.	1.3	0
23	Mean Oxygen Saturation during Sleep Is Related to Specific Brain Atrophy Pattern. Annals of Neurology, 2020, 87, 921-930.	5.3	28
24	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. Neurobiology of Aging, 2020, 88, 108-118.	3.1	43
25	Mechanisms of change in brief treatments for borderline personality disorder: a protocol of a randomized controlled trial. Trials, 2020, 21, 335.	1.6	3
26	Integrating core conflictual relationship themes in neurobiological assessment of interpersonal processes in psychotherapy. Counselling and Psychotherapy Research, 2020, 20, 488-496.	3.2	3
27	Neuro-Clinical Signatures of Language Impairments after Acute Stroke: A VBQ Analysis of Quantitative Native CT Scans. Current Topics in Medicinal Chemistry, 2020, 20, 792-799.	2.1	1
28	SPHN - The Swiss Aging Citizen Reference (SACR). Studies in Health Technology and Informatics, 2020, 270, 1168-1169.	0.3	0
29	Example dataset for the hMRI toolbox. Data in Brief, 2019, 25, 104132.	1.0	24
30	Dopaminergic modulation of motor network compensatory mechanisms in Parkinson's disease. Human Brain Mapping, 2019, 40, 4397-4416.	3.6	4
31	Developmental trajectories of neuroanatomical alterations associated with the 16p11.2 Copy Number Variations. NeuroImage, 2019, 203, 116155.	4.2	9
32	Trajectories of brain remodeling in temporal lobe epilepsy. Journal of Neurology, 2019, 266, 3150-3159.	3.6	3
33	Evolution of white matter tract microstructure across the life span. Human Brain Mapping, 2019, 40, 2252-2268.	3.6	88
34	hMRI â€“ A toolbox for quantitative MRI in neuroscience and clinical research. NeuroImage, 2019, 194, 191-210.	4.2	161
35	Spatial Resolution and Imaging Encoding fMRI Settings for Optimal Cortical and Subcortical Motor Somatotopy in the Human Brain. Frontiers in Neuroscience, 2019, 13, 571.	2.8	14
36	Poster Withdrawn: QUANTIFYING THE EFFECTS OF 16P11.2 CNVs ON BRAIN STRUCTURE, A MULTI-SITE â€˜GENETIC-FIRSTâ€™MRI STUDY. European Neuropsychopharmacology, 2019, 29, S859-S860.	0.7	1

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37	The Combination of DAT-SPECT, Structural and Diffusion MRI Predicts Clinical Progression in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2019, 11, 57.	3.4	18
38	A nation-wide initiative for brain imaging and clinical phenotype data federation in Swiss university memory centres. Current Opinion in Neurology, 2019, 32, 557-563.	3.6	12
39	Quantifying the Effects of 16p11.2 Copy Number Variants on Brain Structure: A Multisite Genetic-First Study. Biological Psychiatry, 2018, 84, 253-264.	1.3	56
40	Simultaneous estimation of population receptive field and hemodynamic parameters from single point BOLD responses using Metropolis-Hastings sampling. NeuroImage, 2018, 172, 175-193.	4.2	12
41	Networks of myelin covariance. Human Brain Mapping, 2018, 39, 1532-1554.	3.6	36
42	Controlling motion artefact levels in MR images by suspending data acquisition during periods of head motion. Magnetic Resonance in Medicine, 2018, 80, 2415-2426.	3.0	33
43	Change in Emotional and Theory of Mind Processing in Borderline Personality Disorder. Journal of Nervous and Mental Disease, 2018, 206, 935-943.	1.0	11
44	Sustained enhancements in inhibitory control depend primarily on the reinforcement of fronto-basal anatomical connectivity. Brain Structure and Function, 2017, 222, 635-643.	2.3	17
45	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. NeuroImage: Clinical, 2017, 14, 422-432.	2.7	68
46	Regional volumetric change in Parkinson's disease with cognitive decline. Journal of the Neurological Sciences, 2017, 373, 88-94.	0.6	24
47	Neuroticism, depression, and anxiety traits exacerbate the state of cognitive impairment and hippocampal vulnerability to Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 107-114.	2.4	29
48	Un-crowding affects cortical activation in V1 differently from LOC. Journal of Vision, 2017, 17, 368.	0.3	0
49	Outcome Prediction of Consciousness Disorders in the Acute Stage Based on a Complementary Motor Behavioural Tool. PLoS ONE, 2016, 11, e0156882.	2.5	47
50	Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. Human Brain Mapping, 2016, 37, 1801-1815.	3.6	87
51	Brain networks modulated by subthalamic nucleus deep brain stimulation. Brain, 2016, 139, 2503-2515.	7.6	119
52	Embodied neurology: an integrative framework for neurological disorders. Brain, 2016, 139, 1855-1861.	7.6	39
53	The Number of Genomic Copies at the 16p11.2 Locus Modulates Language, Verbal Memory, and Inhibition. Biological Psychiatry, 2016, 80, 129-139.	1.3	78
54	Deep brain stimulation of the posterior gyrus rectus region for treatment resistant depression. Journal of Affective Disorders, 2016, 194, 33-37.	4.1	44

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55	16p11.2 Locus modulates response to satiety before the onset of obesity. International Journal of Obesity, 2016, 40, 870-876.	3.4	31
56	New tissue priors for improved automated classification of subcortical brain structures on MRI. NeuroImage, 2016, 130, 157-166.	4.2	104
57	Defining the Effect of the 16p11.2 Duplication on Cognition, Behavior, and Medical Comorbidities. JAMA Psychiatry, 2016, 73, 20.	11.0	195
58	On the Compatibility of Big Data Driven Research and Informed Consent: The Example of the Human Brain Project. Law, Governance and Technology Series, 2016, , 199-218.	0.4	13
59	Computer-based analysis of brain images. Current Opinion in Neurology, 2015, 28, 311-312.	3.6	0
60	Differential patterns of functional and structural plasticity within and between inferior frontal gyri support trainingâ€induced improvements in inhibitory control proficiency. Human Brain Mapping, 2015, 36, 2527-2543.	3.6	57
61	Automatic target validation based on neuroscientific literature mining for tractography. Frontiers in Neuroanatomy, 2015, 9, 66.	1.7	9
62	Investigating Neuroanatomical Features in Top Athletes at the Single Subject Level. PLoS ONE, 2015, 10, e0129508.	2.5	15
63	The perception of touch and the ventral somatosensory pathway. Brain, 2015, 138, 540-548.	7.6	51
64	Basal gangliaâ€cortical structural connectivity in Huntington's disease. Human Brain Mapping, 2015, 36, 1728-1740.	3.6	29
65	The 16p11.2 locus modulates brain structures common to autism, schizophrenia and obesity. Molecular Psychiatry, 2015, 20, 140-147.	7.9	160
66	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? Response to Alkemade and Forstmann. NeuroImage, 2015, 110, 1-2.	4.2	33
67	The concept of schizotypy â€" A computational anatomy perspective. Schizophrenia Research: Cognition, 2015, 2, 89-92.	1.3	13
68	Insights into Gilles de la Tourette Syndrome from the Neuroimaging Perspective. , 2015, , 737-741.		0
69	Computational anatomy for studying use-dependant brain plasticity. Frontiers in Human Neuroscience, 2014, 8, 380.	2.0	31
70	Disentangling in vivo the effects of iron content and atrophy on the ageing human brain. NeuroImage, 2014, 103, 280-289.	4.2	68
71	Brain tissue properties differentiate between motor and limbic basal ganglia circuits. Human Brain Mapping, 2014, 35, 5083-5092.	3.6	82
72	Grey matter changes in motor conversion disorder. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 236-238.	1.9	52

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73	Widespread age-related differences in the human brain microstructure revealed by quantitative magnetic resonance imaging. Neurobiology of Aging, 2014, 35, 1862-1872.	3.1	248
74	Influence of magnetic field strength and image registration strategy on voxelâ€based morphometry in a study of Alzheimer's disease. Human Brain Mapping, 2014, 35, 1865-1874.	3.6	29
75	Electroconvulsive therapy-induced brain plasticity determines therapeutic outcome in mood disorders. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1156-1161.	7.1	141
76	Structural brain plasticity in Parkinson's disease induced by balance training. Neurobiology of Aging, 2014, 35, 232-239.	3.1	135
77	Investigation of memory, executive functions, and anatomic correlates in asymptomatic FMR1 premutation carriers. Neurobiology of Aging, 2014, 35, 1939-1946.	3.1	20
78	Complex Regional Pain Syndrome Type I Affects Brain Structure in Prefrontal and Motor Cortex. PLoS ONE, 2014, 9, e85372.	2.5	47
79	Dopamine reverses reward insensitivity in apathy following globus pallidus lesions. Cortex, 2013, 49, 1292-1303.	2.4	90
80	How early can we predict Alzheimer's disease using computational anatomy?. Neurobiology of Aging, 2013, 34, 2815-2826.	3.1	90
81	Relationship between imaging biomarkers, age, progression and symptom severity in Alzheimer's disease. NeuroImage: Clinical, 2013, 3, 84-94.	2.7	63
82	Brain structure in asymptomatic FMR1 premutation carriers at risk for fragile X-associated tremor/ataxia syndrome. Neurobiology of Aging, 2013, 34, 1700-1707.	3.1	52
83	In vivo assessment of use-dependent brain plasticityâ€"Beyond the â€œone trick ponyâ€•imaging strategy. NeuroImage, 2013, 73, 255-259.	4.2	16
84	Generative FDG-PET and MRI Model of Aging and Disease Progression in Alzheimer's Disease. PLoS Computational Biology, 2013, 9, e1002987.	3.2	67
85	Impact of brain aging and neurodegeneration on cognition. Current Opinion in Neurology, 2013, 26, 640-645.	3.6	27
86	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. Frontiers in Human Neuroscience, 2013, 7, 462.	2.0	50
87	Reference Cluster Normalization Improves Detection of Frontotemporal Lobar Degeneration by Means of FDG-PET. PLoS ONE, 2013, 8, e55415.	2.5	25
88	Morphometric Analyses in Movement Disorders. , 2013, , 25-47.		0
89	Altered brain mechanisms of emotion processing in pre-manifest Huntington's disease. Brain, 2012, 135, 1165-1179.	7.6	85
90	Confirmation of functional zones within the human subthalamic nucleus: Patterns of connectivity and sub-parcellation using diffusion weighted imaging. NeuroImage, 2012, 60, 83-94.	4.2	294

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91	Body Context and Posture Affect Mental Imagery of Hands. PLoS ONE, 2012, 7, e34382.	2.5	56
92	Regional specificity of MRI contrast parameter changes in normal ageing revealed by voxel-based quantification (VBQ). NeuroImage, 2011, 55, 1423-1434.	4.2	259
93	Brain structure in movement disorders: a neuroimaging perspective. Current Opinion in Neurology, 2010, 23, 413-419.	3.6	18
94	Modulatory effects of 5Hz rTMS over the primary somatosensory cortex in focal dystoniaâ€"An fMRIâ€TMS study. Movement Disorders, 2010, 25, 76-83.	3.9	46
95	Dynamic Properties of Human Brain Structure: Learning-Related Changes in Cortical Areas and Associated Fiber Connections. Journal of Neuroscience, 2010, 30, 11670-11677.	3.6	442
96	Multispectral brain morphometry in Tourette syndrome persisting into adulthood. Brain, 2010, 133, 3661-3675.	7.6	133
97	Voxel-based morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. Brain, 2009, 132, 3443-3455.	7.6	166
98	Automatic detection of preclinical neurodegeneration. Neurology, 2009, 72, 426-431.	1.1	91
99	Functional compensation of motor function in pre-symptomatic Huntington's disease. Brain, 2009, 132, 1624-1632.	7.6	106
100	Structural Correlates of Preterm Birth in the Adolescent Brain. Pediatrics, 2009, 124, e964-e972.	2.1	100
101	Improved segmentation of deep brain grey matter structures using magnetization transfer (MT) parameter maps. NeuroImage, 2009, 47, 194-198.	4.2	164
102	Genotypeâ€"phenotype interactions in primary dystonias revealed by differential changes in brain structure. NeuroImage, 2009, 47, 1141-1147.	4.2	62
103	A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. NeuroImage, 2009, 48, 371-380.	4.2	504
104	Evidence for Segregated and Integrative Connectivity Patterns in the Human Basal Ganglia. Journal of Neuroscience, 2008, 28, 7143-7152.	3.6	695
105	Training-induced structural changes in the adult human brain. Behavioural Brain Research, 2008, 192, 137-142.	2.2	362
106	Interpreting scan data acquired from multiple scanners: A study with Alzheimer's disease. NeuroImage, 2008, 39, 1180-1185.	4.2	200
107	A plea for confidence intervals and consideration of generalizability in diagnostic studies. Brain, 2008, 132, e102-e102.	7.6	10
108	White matter connections reflect changes in voluntary-guided saccades in pre-symptomatic Huntington's disease. Brain, 2008, 131, 196-204.	7.6	153

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109	Anti-basal ganglia antibodies and Tourette's syndrome: a voxel-based morphometry and diffusion tensor imaging study in an adult population. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 820-822.	1.9	21
110	Automatic classification of MR scans in Alzheimer's disease. Brain, 2008, 131, 681-689.	7.6	1,017
111	How the Brain Translates Money into Force: A Neuroimaging Study of Subliminal Motivation. Science, 2007, 316, 904-906.	12.6	525
112	Decrease of thalamic gray matter following limb amputation. NeuroImage, 2006, 31, 951-957.	4.2	172
113	Temporal and Spatial Dynamics of Brain Structure Changes during Extensive Learning. Journal of Neuroscience, 2006, 26, 6314-6317.	3.6	681
114	Affective components and intensity of pain correlate with structural differences in gray matter in chronic back pain patients. Pain, 2006, 125, 89-97.	4.2	358
115	Detection of Cardiac Right-to-Left Shunts by Contrast-Enhanced Harmonic Carotid Duplex Sonography. Journal of Ultrasound in Medicine, 2005, 24, 1071-1076.	1.7	13
116	Transcranial Ultrasound Brain Perfusion Assessment With a Contrast Agent-Specific Imaging Mode. Stroke, 2005, 36, 2283-2285.	2.0	41
117	Bilateral thalamic gray matter changes in patients with restless legs syndrome. NeuroImage, 2005, 24, 1242-1247.	4.2	117
118	Gray matter decrease in patients with chronic tension type headache. Neurology, 2005, 65, 1483-1486.	1.1	381
119	Changes in grey matter induced by training. Nature, 2004, 427, 311-312.	27.8	2,015
120	Selective activation of ectopic grey matter during motor task. NeuroReport, 2004, 15, 251-253.	1.2	11
121	Brain Perfusion Imaging of a Craniopharyngioma by Transcranial Duplex Sonography. , 2003, 13, 303-306.		2
122	Transcranial Duplex Sonography in the Detection of Patent Foramen Ovale. Radiology, 2002, 225, 693-699.	7.3	61
123	Observation on the Integrity of the Bloodâ€Brain Barrier After Microbubble Destruction by Diagnostic Transcranial Colorâ€Coded Sonography. Journal of Ultrasound in Medicine, 2002, 21, 419-429.	1.7	44
124	Hypothalamic gray matter changes in narcoleptic patients. Nature Medicine, 2002, 8, 1186-1188.	30.7	112
125	Analysis of CO ₂ Vasomotor Reactivity and Vessel Diameter Changes by Simultaneous Venous and Arterial Doppler Recordings. Stroke, 1999, 30, 81-86.	2.0	81