

Paul G Unschuld

List of Publications by Year in descending order

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77
papers

3,557
citations

172457

29
h-index

144013

57
g-index

83
all docs

83
docs citations

83
times ranked

6149
citing authors

#	ARTICLE	IF	CITATIONS
1	Huntington disease: natural history, biomarkers and prospects for therapeutics. <i>Nature Reviews Neurology</i> , 2014, 10, 204-216.	10.1	873
2	Polymorphisms in the FKBP5 gene region modulate recovery from psychosocial stress in healthy controls. <i>European Journal of Neuroscience</i> , 2008, 28, 389-398.	2.6	279
3	Overweight and Obesity Affect Treatment Response in Major Depression. <i>Biological Psychiatry</i> , 2007, 62, 321-326.	1.3	172
4	Colocalization of cerebral iron with Amyloid beta in Mild Cognitive Impairment. <i>Scientific Reports</i> , 2016, 6, 35514.	3.3	147
5	TMEM132D, a new candidate for anxiety phenotypes: evidence from human and mouse studies. <i>Molecular Psychiatry</i> , 2011, 16, 647-663.	7.9	130
6	Quantitative Susceptibility Mapping Suggests Altered Brain Iron in Premanifest Huntington Disease. <i>American Journal of Neuroradiology</i> , 2016, 37, 789-796.	2.4	107
7	Integrin linked kinase as a candidate downstream effector in proteinuria. <i>FASEB Journal</i> , 2001, 15, 1843-1845.	0.5	101
8	Combined effects of exonic polymorphisms in CRHR1 and AVPR1B genes in a case/control study for panic disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1196-1204.	1.7	101
9	Impaired cortico-striatal functional connectivity in prodromal Huntington's Disease. <i>Neuroscience Letters</i> , 2012, 514, 204-209.	2.1	101
10	Adenosine A2A receptor gene: Evidence for association of risk variants with panic disorder and anxious personality. <i>Journal of Psychiatric Research</i> , 2010, 44, 930-937.	3.1	90
11	Regulation of the Hypothalamicâ€Pituitaryâ€Adrenocortical System in Patients with Panic Disorder. <i>Neuropsychopharmacology</i> , 2006, 31, 2515-2522.	5.4	83
12	Brain metabolite alterations and cognitive dysfunction in early Huntington's disease. <i>Movement Disorders</i> , 2012, 27, 895-902.	3.9	71
13	Association of polymorphisms in P2RX7 and CaMKKb with anxiety disorders. <i>Journal of Affective Disorders</i> , 2007, 101, 159-168.	4.1	70
14	Simultaneous quantitative susceptibility mapping and Flutemetamol-PET suggests local correlation of iron and Î²-amyloid as an indicator of cognitive performance at high age. <i>NeuroImage</i> , 2018, 174, 308-316.	4.2	70
15	Prefrontal Brain Network Connectivity Indicates Degree of Both Schizophrenia Risk and Cognitive Dysfunction. <i>Schizophrenia Bulletin</i> , 2014, 40, 653-664.	4.3	69
16	Age-related changes in anterior cingulate cortex glutamate in schizophrenia: A 1H MRS Study at 7Tesla. <i>Schizophrenia Research</i> , 2016, 172, 101-105.	2.0	67
17	Polymorphisms in the serotonin receptor gene HTR2A are associated with quantitative traits in panic disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 424-429.	1.7	60
18	Gender-Specific Association of Galanin Polymorphisms with HPA-Axis Dysregulation, Symptom Severity, and Antidepressant Treatment Response. <i>Neuropsychopharmacology</i> , 2010, 35, 1583-1592.	5.4	54

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19	The GABA transporter 1 (SLC6A1): a novel candidate gene for anxiety disorders. <i>Journal of Neural Transmission</i> , 2009, 116, 649-657.	2.8	52
20	Polymorphisms in the galanin gene are associated with symptom severity in female patients suffering from panic disorder. <i>Journal of Affective Disorders</i> , 2008, 105, 177-184.	4.1	48
21	Elevated arteriolar cerebral blood volume in prodromal Huntington's disease. <i>Movement Disorders</i> , 2014, 29, 396-401.	3.9	47
22	Memory performance-related dynamic brain connectivity indicates pathological burden and genetic risk for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 24.	6.2	43
23	Subcortical Shape Changes, Hippocampal Atrophy and Cortical Thinning in Future Alzheimer's Disease Patients. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 38.	3.4	43
24	Regional cerebral blood flow estimated by early PiB uptake is reduced in mild cognitive impairment and associated with age in an amyloid-dependent manner. <i>Neurobiology of Aging</i> , 2015, 36, 1619-1628.	3.1	41
25	Depressive symptoms in prodromal Huntington's Disease correlate with Stroop-interference related functional connectivity in the ventromedial prefrontal cortex. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 166-174.	1.8	37
26	Polymorphisms in the GAD2 gene region are associated with susceptibility for unipolar depression and with a risk factor for anxiety disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 1100-1109.	1.7	34
27	Resistance to antidepressant treatment is associated with polymorphisms in the leptin gene, decreased leptin mRNA expression, and decreased leptin serum levels. <i>European Neuropsychopharmacology</i> , 2013, 23, 653-662.	0.7	32
28	Changes of Functional and Directed Resting-State Connectivity Are Associated with Neuronal Oscillations, ApoE Genotype and Amyloid Deposition in Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 304.	3.4	32
29	Association of a Met88Val diazepam binding inhibitor (DBI) gene polymorphism and anxiety disorders with panic attacks. <i>Journal of Psychiatric Research</i> , 2007, 41, 579-584.	3.1	31
30	Prefrontal executive function associated coupling relates to Huntington's disease stage. <i>Cortex</i> , 2013, 49, 2661-2673.	2.4	31
31	Variations in tryptophan hydroxylase 2 linked to decreased serotonergic activity are associated with elevated risk for metabolic syndrome in depression. <i>Molecular Psychiatry</i> , 2010, 15, 736-747.	7.9	29
32	Abnormal Grey Matter Arteriolar Cerebral Blood Volume in Schizophrenia Measured With 3D Inflow-Based Vascular-Space-Occupancy MRI at 7T. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw109.	4.3	28
33	GABA and glutamate moderate beta-amyloid related functional connectivity in cognitively unimpaired old-aged adults. <i>NeuroImage: Clinical</i> , 2019, 22, 101776.	2.7	28
34	Cortical Amyloid Beta in Cognitively Normal Elderly Adults is Associated with Decreased Network Efficiency within the Cerebro-Cerebellar System. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 52.	3.4	26
35	Low cortical iron and high entorhinal cortex volume promote cognitive functioning in the oldest-old. <i>Neurobiology of Aging</i> , 2018, 64, 68-75.	3.1	25
36	Low episodic memory performance in cognitively normal elderly subjects is associated with increased posterior cingulate gray matter N-acetylaspartate: a 1H MRSI study at 7T. <i>Neurobiology of Aging</i> , 2016, 48, 195-203.	3.1	24

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37	The A/T/N model applied through imaging biomarkers in a memory clinic. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 247-255.	6.4	23
38	APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy old-aged adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12002.	2.4	23
39	Parkin Modulates Gene Expression in Control and Ceramide-Treated PC12 Cells. <i>Molecular Biology Reports</i> , 2006, 33, 13-32.	2.3	22
40	Functional Brain Network Connectivity Patterns Associated With Normal Cognition at Old-Age, Local β -amyloid, Tau, and APOE4. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 46.	3.4	21
41	Regional Fluid-Attenuated Inversion Recovery (FLAIR) at 7 Tesla correlates with amyloid beta in hippocampus and brainstem of cognitively normal elderly subjects. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 240.	3.4	20
42	Association of polymorphisms in the angiotensin-converting enzyme gene with syndromal panic attacks. <i>Molecular Psychiatry</i> , 2008, 13, 242-243.	7.9	19
43	Brain amyloid burden and cerebrovascular disease are synergistically associated with neurometabolism in cognitively unimpaired older adults. <i>Neurobiology of Aging</i> , 2018, 63, 152-161.	3.1	16
44	Hybrid PET-MRI in Alzheimer's Disease Research. <i>Methods in Molecular Biology</i> , 2018, 1750, 185-200.	0.9	16
45	Reduced uptake of [^{11}C]ABP688, a PET tracer for metabolic glutamate receptor 5 in hippocampus and amygdala in Alzheimer's dementia. <i>Brain and Behavior</i> , 2020, 10, e01632.	2.2	14
46	Evidence for associations between PDE4D polymorphisms and a subtype of neuroticism. <i>Molecular Psychiatry</i> , 2008, 13, 831-832.	7.9	10
47	Gross feature recognition of Anatomical Images based on Atlas grid (GAIA): Incorporating the local discrepancy between an atlas and a target image to capture the features of anatomic brain MRI. <i>NeuroImage: Clinical</i> , 2013, 3, 202-211.	2.7	10
48	Recent advances in cerebrospinal fluid biomarkers for the detection of preclinical Alzheimer's disease. <i>Current Opinion in Neurology</i> , 2016, 29, 749-755.	3.6	10
49	Increased cerebral blood volume in small arterial vessels is a correlate of amyloid- β -related cognitive decline. <i>Neurobiology of Aging</i> , 2019, 76, 181-193.	3.1	10
50	Physical activity is associated with lower cerebral beta-amyloid and cognitive function benefits from lifetime experience—a study in exceptional aging. <i>PLoS ONE</i> , 2021, 16, e0247225.	2.5	10
51	Hippocampal shape alterations are associated with regional $A\beta$ load in cognitively normal elderly individuals. <i>European Journal of Neuroscience</i> , 2017, 45, 1241-1251.	2.6	9
52	Differential Changes in Arteriolar Cerebral Blood Volume between Parkinson's Disease Patients with Normal and Impaired Cognition and Mild Cognitive Impairment (MCI) Patients without Movement Disorder—An Exploratory Study. <i>Tomography</i> , 2020, 6, 333-342.	1.8	7
53	EEG-fMRI Signal Coupling Is Modulated in Subjects With Mild Cognitive Impairment and Amyloid Deposition. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 631172.	3.4	5
54	Low Subicular Volume as an Indicator of Dementia-Risk Susceptibility in Old Age. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 811146.	3.4	5

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55	Novel Translational Research Methodology and the Prospect to a Better Understanding of Neurodegenerative Disease. <i>Neurodegenerative Diseases</i> , 2018, 18, 1-4.	1.4	4
56	Quantification of subcortical gray matter vascularization using 7T esla time-of-flight angiography. <i>Brain and Behavior</i> , 2013, 3, 515-518.	2.2	3
57	Tau PET imaging evidence in patients with cognitive impairment: preparing for clinical use. <i>Clinical and Translational Imaging</i> , 2018, 6, 471-482.	2.1	3
58	Alzheimer's disease biomarker roadmap 2020: Time for tau. <i>Alzheimer's and Dementia</i> , 2020, 16, e039549.	0.8	3
59	Alzheimer's disease biomarker roadmap 2020: Fluid biomarkers. <i>Alzheimer's and Dementia</i> , 2020, 16, e039557.	0.8	2
60	Prefrontal brain network connectivity indicates degree of both schizophrenia risk and cognitive dysfunction. <i>Pharmacopsychiatry</i> , 2013, 46, .	3.3	2
61	Alzheimer's disease biomarker roadmap 2020: Second-generation tau PET tracers. <i>Alzheimer's and Dementia</i> , 2020, 16, e039556.	0.8	1
62	GABA and glutamate associate with evidence of preclinical Alzheimer disease in humans: A 7 Tesla MRSI and ¹¹ C-PIB PET study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044175.	0.8	1
63	Brain areas with normatively greater cerebral perfusion in early life may be more susceptible to beta amyloid deposition in late life. <i>Cerebral Circulation - Cognition and Behavior</i> , 2020, 1, 100001.	0.9	1
64	Thursday Abstracts. <i>Biological Psychiatry</i> , 2013, 73, 1S-110S.	1.3	0
65	[¹⁸ F]flortaucipir: NEUROIMAGING-DEFINED AMYLOID AND CEREBROVASCULAR PATHOLOGY ARE ASSOCIATED WITH A NEUROMETABOLIC SIGNATURE OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P20.	0.8	0
66	Alzheimer's disease biomarker roadmap 2020: [¹⁸ F]flortaucipir. <i>Alzheimer's and Dementia</i> , 2020, 16, e039550.	0.8	0
67	Beta-amyloid-associated episodic memory variation correlates with subicular volume in non-demented old aged individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, e043904.	0.8	0
68	Responsiveness of the hypothalamic-pituitary-adrenocortical system in patients with agoraphobia and panic attacks. <i>Pharmacopsychiatry</i> , 2005, 38, .	3.3	0
69	Polymorphisms in the serotonin receptor gene HTR2A modulate disease severity and susceptibility for anxiety disorders but not depression and are associated with specific personality traits. <i>Pharmacopsychiatry</i> , 2005, 38, .	3.3	0
70	Genetic implications of the endocannabinoid system in anxiety disorders versus depressive disorders: is there any evidence for the continuum hypothesis?. <i>Pharmacopsychiatry</i> , 2005, 38, .	3.3	0
71	Change in HPA system function predicts treatment response in depression. <i>Pharmacopsychiatry</i> , 2005, 38, .	3.3	0
72	GABA transporter1 (GAT1) inhibition mediates distinct emotional and cognitive processes and represents a possible treatment strategy compensating genetic polymorphisms in panic disorder. <i>Pharmacopsychiatry</i> , 2005, 38, .	3.3	0

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73	Polymorphisms in the galanin gene are associated with symptom-severity in female patients suffering from panic disorder. <i>Pharmacopsychiatry</i> , 2007, 40, .	3.3	0
74	Polymorphisms in the Leptin Gene are Associated with Resistance to Antidepressant Treatment and Lower Cognitive Performance in Depression. <i>Pharmacopsychiatry</i> , 2007, 40, .	3.3	0
75	A genome-wide association study in patients with panic and anxiety disorders. <i>Pharmacopsychiatry</i> , 2007, 40, .	3.3	0
76	Polymorphisms in the gene encoding the neuropeptide galanin are associated with HPA-axis dysregulation and symptom severity in major-depressive- and anxiety-disorder patients. <i>Pharmacopsychiatry</i> , 2009, 42, .	3.3	0
77	Polymorphisms in tryptophan hydroxylase 2 leading to decreased serotonergic activity contribute to elevated risk for metabolic syndrome in depression. <i>Pharmacopsychiatry</i> , 2009, 42, .	3.3	0