

# Matthäus Willeit

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1637975/publications.pdf>

Version: 2024-02-01

91  
papers

5,384  
citations

81900

39  
h-index

82547

72  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circadian Clock-Related Polymorphisms in Seasonal Affective Disorder and their Relevance to Diurnal Preference. <i>Neuropsychopharmacology</i> , 2003, 28, 734-739.	5.4	307
2	Seasonal Variation in Human Brain Serotonin Transporter Binding. <i>Archives of General Psychiatry</i> , 2008, 65, 1072.	12.3	224
3	Radiosynthesis and Evaluation of [11C]-(+)-4-Propyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol as a Potential Radiotracer for in Vivo Imaging of the Dopamine D2 High-Affinity State with Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4153-4160.	6.4	218
4	Bright-Light Therapy in the Treatment of Mood Disorders. <i>Neuropsychobiology</i> , 2011, 64, 152-162.	1.9	205
5	The Formation of Abnormal Associations in Schizophrenia: Neural and Behavioral Evidence. <i>Neuropsychopharmacology</i> , 2008, 33, 473-479.	5.4	195
6	Association Between Serotonin Transporter Gene Promoter Polymorphism(5HTTLPR) and Behavioral Responses to Tryptophan Depletion in Healthy Women With and Without Family History of Depression. <i>Archives of General Psychiatry</i> , 2002, 59, 613.	12.3	193
7	Novel 5-HTTLPR Allele Associates with Higher Serotonin Transporter Binding in Putamen: A [11C] DASB Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2007, 62, 327-331.	1.3	186
8	[123I]- $\beta^2$ -CIT SPECT imaging shows reduced brain serotonin transporter availability in drug-free depressed patients with seasonal affective disorder. <i>Biological Psychiatry</i> , 2000, 47, 482-489.	1.3	185
9	Separate brain regions code for salience vs. valence during reward prediction in humans. <i>Human Brain Mapping</i> , 2007, 28, 294-302.	3.6	163
10	Binding characteristics and sensitivity to endogenous dopamine of [11C]-(+)-PHNO, a new agonist radiotracer for imaging the high-affinity state of D2 receptors in vivo using positron emission tomography. <i>Journal of Neurochemistry</i> , 2006, 97, 1089-1103.	3.9	145
11	Lithium in drinking water and suicide mortality. <i>British Journal of Psychiatry</i> , 2011, 198, 346-350.	2.8	142
12	[123I] $\beta^2$ -CIT and single photon emission computed tomography reveal reduced brain serotonin transporter availability in bulimia nervosa. <i>Biological Psychiatry</i> , 2001, 49, 326-332.	1.3	134
13	High-Affinity States of Human Brain Dopamine D2/3 Receptors Imaged by the Agonist [11C]-(+)-PHNO. <i>Biological Psychiatry</i> , 2006, 59, 389-394.	1.3	129
14	Life after death: Posttraumatic stress disorder in survivors of cardiac arrest—Prevalence, associated factors, and the influence of sedation and analgesia. <i>Critical Care Medicine</i> , 2004, 32, 378-383.	0.9	121
15	No evidence for in vivo regulation of midbrain serotonin transporter availability by serotonin transporter promoter gene polymorphism. <i>Biological Psychiatry</i> , 2001, 50, 8-12.	1.3	117
16	Direct Effect of Sunshine on Suicide. <i>JAMA Psychiatry</i> , 2014, 71, 1231.	11.0	117
17	First Human Evidence of d-Amphetamine Induced Displacement of a D2/3 Agonist Radioligand: A [11C]-(+)-PHNO Positron Emission Tomography Study. <i>Neuropsychopharmacology</i> , 2008, 33, 279-289.	5.4	109
18	A polymorphism (5-HTTLPR) in the serotonin transporter promoter gene is associated with DSM-IV depression subtypes in seasonal affective disorder. <i>Molecular Psychiatry</i> , 2003, 8, 942-946.	7.9	103

#	ARTICLE	IF	CITATIONS
19	Agomelatine in the treatment of seasonal affective disorder. <i>Psychopharmacology</i> , 2007, 190, 575-579.	3.1	99
20	Dopamine transporter availability in symptomatic depressed patients with seasonal affective disorder and healthy controls. <i>Psychological Medicine</i> , 2001, 31, 1467-1473.	4.5	97
21	Brain region binding of the D2/3 agonist [11C]-(+)-PHNO and the D2/3 antagonist [11C]raclopride in healthy humans. <i>Human Brain Mapping</i> , 2008, 29, 400-410.	3.6	95
22	Positron Emission Tomography Quantification of [11C]-(+)-PHNO Binding in the Human Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 857-871.	4.3	88
23	Enhanced Serotonin Transporter Function during Depression in Seasonal Affective Disorder. <i>Neuropsychopharmacology</i> , 2008, 33, 1503-1513.	5.4	85
24	Administration of ketamine for unipolar and bipolar depression. <i>International Journal of Psychiatry in Clinical Practice</i> , 2017, 21, 2-12.	2.4	84
25	The effects of light therapy on mini-mental state examination scores in demented patients. <i>Biological Psychiatry</i> , 2001, 50, 725-727.	1.3	82
26	Imaging the effects of genetic polymorphisms on radioligand binding in the living human brain: A review on genetic neuroreceptor imaging of monoaminergic systems in psychiatry. <i>NeuroImage</i> , 2010, 53, 878-892.	4.2	82
27	Receptor and Transporter Imaging Studies in Schizophrenia, Depression, Bulimia and Tourette's Disorder – Implications for Psychopharmacology-. <i>World Journal of Biological Psychiatry</i> , 2002, 3, 133-146.	2.6	80
28	Antiparkinson concentrations of pramipexole and PHNO occupy dopamine D2high and D3high receptors. <i>Synapse</i> , 2005, 58, 122-128.	1.2	71
29	Seasonal variation of availability of serotonin transporter binding sites in healthy female subjects as measured by [123I]-2 $\beta$ -carbomethoxy-3 $\beta$ -(4-iodophenyl)tropane and single photon emission computed tomography. <i>Biological Psychiatry</i> , 2000, 47, 158-160.	1.3	70
30	Actigraphy in Patients with Seasonal Affective Disorder and Healthy Control Subjects Treated with Light Therapy. <i>Biological Psychiatry</i> , 2005, 58, 331-336.	1.3	69
31	Monoaminergic function in the pathogenesis of seasonal affective disorder. <i>International Journal of Neuropsychopharmacology</i> , 2001, 4, 409-20.	2.1	63
32	Effects of sunshine on suicide rates. <i>Comprehensive Psychiatry</i> , 2012, 53, 535-539.	3.1	60
33	Light-dependent alteration of serotonin-1A receptor binding in cortical and subcortical limbic regions in the human brain. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 413-422.	2.6	57
34	Towards Precision Medicine in Psychosis: Benefits and Challenges of Multimodal Multicenter Studies – PSYSCAN: Translating Neuroimaging Findings From Research into Clinical Practice. <i>Schizophrenia Bulletin</i> , 2020, 46, 432-441.	4.3	56
35	Suicidal Tendencies as a Complication of Light Therapy for Seasonal Affective Disorder. <i>Journal of Clinical Psychiatry</i> , 1997, 58, 389-392.	2.2	56
36	In Vivo Amphetamine Action is Contingent on $\pm$ CaMKII. <i>Neuropsychopharmacology</i> , 2014, 39, 2681-2693.	5.4	51

#	ARTICLE	IF	CITATIONS
37	Prevalence of premenstrual dysphoric disorder in female patients with seasonal affective disorder. <i>Journal of Affective Disorders</i> , 2001, 63, 239-242.	4.1	50
38	No change in striatal dopamine re-uptake site density in psychotropic drug naive and in currently treated Touretteâ€™s disorder patients: a [ <sup>123</sup> I]- $\beta$ -CIT SPECT-study. <i>European Neuropsychopharmacology</i> , 2001, 11, 69-74.	0.7	48
39	Making Sense of: Sensitization in Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 1-10.	2.1	44
40	Tryptophan depletion and serotonin loss in selective serotonin reuptake inhibitorâ€™treated depression: An [ <sup>18</sup> F] MPPF positron emission tomography study. <i>Biological Psychiatry</i> , 2004, 56, 587-591.	1.3	40
41	Aberrant Effective Connectivity in Schizophrenia Patients during Appetitive Conditioning. <i>Frontiers in Human Neuroscience</i> , 2011, 4, 239.	2.0	39
42	Role of family history and 5-HTTLPR polymorphism in female seasonal affective disorder patients with and without premenstrual dysphoric disorder. <i>European Neuropsychopharmacology</i> , 2002, 12, 129-134.	0.7	38
43	C825T polymorphism in the G protein $\beta$ 3-Subunit gene is associated with seasonal affective disorder. <i>Biological Psychiatry</i> , 2003, 54, 682-686.	1.3	38
44	Clonazepam in the long-term treatment of patients with unipolar depression, bipolar and schizoaffective disorder. <i>European Neuropsychopharmacology</i> , 2003, 13, 129-134.	0.7	37
45	The serotonin transporter promoter repeat length polymorphism, seasonal affective disorder and seasonality. <i>Psychological Medicine</i> , 2003, 33, 785-792.	4.5	37
46	Dopaminergic and opioidergic regulation during anticipation and consumption of social and nonsocial rewards. <i>ELife</i> , 2020, 9, .	6.0	35
47	Behavioral effects of tryptophan depletion in seasonal affective disorder associated with the serotonin transporter gene?. <i>Psychiatry Research</i> , 1999, 85, 241-246.	3.3	34
48	Changes of clinical pattern in seasonal affective disorder (SAD) over time in a German-speaking sample. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2002, 252, 54-62.	3.2	33
49	Reboxetine in seasonal affective disorder: an open trial. <i>European Neuropsychopharmacology</i> , 2001, 11, 1-5.	0.7	30
50	The effect of seasonal changes and climatic factors on suicide attempts of young people. <i>BMC Psychiatry</i> , 2017, 17, 365.	2.6	29
51	Seasonality of Birth in Seasonal Affective Disorder. <i>Journal of Clinical Psychiatry</i> , 2004, 65, 1389-1393.	2.2	29
52	Seasonal affective disorder and the G-protein $\beta$ 3-subunit C825T polymorphism. <i>Biological Psychiatry</i> , 2004, 55, 317-319.	1.3	26
53	Combination of intravenous S-ketamine and oral tranylcypromine in treatment-resistant depression: A report of two cases. <i>European Neuropsychopharmacology</i> , 2015, 25, 2183-2184.	0.7	26
54	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020, 10, 2.	4.8	25

#	ARTICLE	IF	CITATIONS
55	Association Studies of Candidate Genes in Bipolar Disorders. <i>Neuropsychobiology</i> , 2000, 42, 18-21.	1.9	24
56	Treatment of Seasonal Affective Disorder with Duloxetine: An Open-Label Study. <i>Pharmacopsychiatry</i> , 2008, 41, 100-105.	3.3	24
57	Is Dopamine Neurotransmission Altered in Prodromal Schizophrenia? A Review of the Evidence. <i>Current Pharmaceutical Design</i> , 2012, 18, 1568-1579.	1.9	24
58	Treatment of seasonal affective disorders. <i>Dialogues in Clinical Neuroscience</i> , 2003, 5, 389-398.	3.7	23
59	Imaging of Seasonal Affective Disorder and Seasonality Effects on Serotonin and Dopamine Function in the Human Brain. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 11, 149-167.	1.7	22
60	Mirtazapine in seasonal affective disorder (SAD): a preliminary report. <i>Human Psychopharmacology</i> , 1999, 14, 59-62.	1.5	21
61	Reliable set-up for in-loop <sup>11</sup> C-carboxylations using Grignard reactions for the preparation of [carbonyl- <sup>11</sup> C]WAY-100635 and [ <sup>11</sup> C]-(+)-PHNO. <i>Applied Radiation and Isotopes</i> , 2013, 82, 75-80.	1.5	20
62	In vivo <sup>123</sup> I IBZM SPECT imaging of striatal dopamine 2 receptor occupancy in schizophrenic patients. <i>Psychopharmacology</i> , 2001, 157, 236-242.	3.1	19
63	Platelet Serotonin Transporter Function Predicts Default-Mode Network Activity. <i>PLoS ONE</i> , 2014, 9, e92543.	2.5	19
64	Therapeutic effects of escitalopram and reboxetine in seasonal affective disorder: A pooled analysis. <i>Journal of Psychiatric Research</i> , 2009, 43, 792-797.	3.1	18
65	Serotonin transporter promoter gene polymorphic region (5-HTTLPR) and personality in female patients with seasonal affective disorder and in healthy controls. <i>European Neuropsychopharmacology</i> , 2004, 14, 53-58.	0.7	17
66	DiGeorge syndrome. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 283-287.	1.9	16
67	Has the existence of seasonal affective disorder been disproven?. <i>Journal of Affective Disorders</i> , 2017, 208, 54-55.	4.1	13
68	Anger attacks in seasonal affective disorder. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 215.	2.1	12
69	Menstrual disturbances – a rare side-effect of bright-light therapy. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 239-240.	2.1	11
70	Association of dopamine D2/3 receptor binding potential measured using PET and [ <sup>11</sup> C]-(+)-PHNO with post-mortem DRD2/3 gene expression in the human brain. <i>NeuroImage</i> , 2020, 223, 117270.	4.2	11
71	A Cys23→Ser23 substitution in the 5-HT receptor gene influences body weight regulation in females with seasonal affective disorder: An Austrian→Canadian collaborative study. <i>Journal of Psychiatric Research</i> , 2005, 39, 561-567.	3.1	8
72	Season of birth in siblings of patients with seasonal affective disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 378-382.	3.2	8

#	ARTICLE	IF	CITATIONS
73	Zotepine in the treatment of acute hospitalized schizophrenic episodes. <i>International Clinical Psychopharmacology</i> , 2001, 16, 163-168.	1.7	7
74	Serum lipid levels in seasonal affective disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 197-202.	3.2	7
75	Rapid antidepressant effect of S-ketamine in schizophrenia. <i>European Neuropsychopharmacology</i> , 2018, 28, 980-982.	0.7	7
76	Tricyclic antipsychotics and antidepressants can inhibit $\alpha 5$ -containing GABA <sub>A</sub> receptors by two distinct mechanisms. <i>British Journal of Pharmacology</i> , 2022, 179, 3675-3692.	5.4	7
77	Robust Antidepressant Effect Following Alternating Intravenous Racemic Ketamine and Electroconvulsive Therapy in Treatment-Resistant Depression. <i>Journal of ECT</i> , 2017, 33, e31-e32.	0.6	5
78	Opioid-blunted cortisol response to stress is associated with increased negative mood and wanting of social reward. <i>Neuropsychopharmacology</i> , 2022, 47, 1798-1807.	5.4	5
79	Introduction to the Special Issue on dopamine celebrating the 90th birthday of Oleh Hornykiewicz. <i>European Journal of Neuroscience</i> , 2017, 45, 1-1.	2.6	4
80	Are reprogrammed cells a useful tool for studying dopamine dysfunction in psychotic disorders? A review of the current evidence. <i>European Journal of Neuroscience</i> , 2017, 45, 45-57.	2.6	4
81	Molar activity $\alpha$ The keystone in <sup>11</sup> C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018, 67, 21-26.	0.6	4
82	In Vivo Imaging of Dopamine Metabolism and Dopamine Transporter Function in the Human Brain. <i>NeuroMethods</i> , 2016, , 203-220.	0.3	3
83	Pregabalin in Tourette's Syndrome: A Case Series. <i>American Journal of Psychiatry</i> , 2016, 173, 1242-1243.	7.2	2
84	Quetiapine in a delusional depressed elderly patient: no EPS and a favourable outcome. <i>International Journal of Neuropsychopharmacology</i> , 2003, 6, 199-200.	2.1	1
85	PM478. Imaging the effects of d-amphetamine in the human brain for modelling dopaminergic alterations in schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, 74-74.	2.1	1
86	Case Report. <i>Journal of ECT</i> , 2017, 33, e2-e3.	0.6	1
87	Toward the Optimization of (+)-[ <sup>11</sup> C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.8	1
88	Addicted to Self-esteem: Understanding the neurochemistry of narcissism by using cocaine as a pharmacological model. <i>Journal of Experimental Psychopathology</i> , 2021, 12, 204380872110443.	0.8	0
89	The Impact of Genetic Polymorphisms on Neuroreceptor Imaging. , 2014, , 149-178.		0
90	Neuroimaging in Seasons and Winter Depression. , 2014, , 209-222.		0

#	ARTICLE	IF	CITATIONS
91	Neuroimaging in Seasons and Winter Depression. , 2021, , 245-259.		0