Cyril HÃ¶schl

List of Publications by Year
in descending order

122 papers	6,512 citations	81743 39 h-index	71532 76 g-index
126 all docs	126 docs citations	126 times ranked	9742 citing authors

#	Article	IF	Citations
1	Suicide prevention strategies revisited: 10-year systematic review. Lancet Psychiatry,the, 2016, 3, 646-659.	3.7	1,160
2	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	0.7	627
3	Mechanism of Action of Atypical Antipsychotic Drugs and the Neurobiology of Schizophrenia. CNS Drugs, 2006, 20, 389-409.	2.7	385
4	Models of schizophrenia in humans and animals based on inhibition of NMDA receptors. Neuroscience and Biobehavioral Reviews, 2008, 32, 1014-1023.	2.9	294
5	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
6	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. NeuroImage, 2020, 218, 116956.	2.1	135
7	Smaller hippocampal volumes in patients with bipolar disorder are masked by exposure to lithium: a meta-analysis. Journal of Psychiatry and Neuroscience, 2012, 37, 333-343.	1.4	127
8	Early reduction in prefrontal theta QEEG cordance value predicts response to venlafaxine treatment in patients with resistant depressive disorder. European Psychiatry, 2008, 23, 350-355.	0.1	120
9	Brain Structural Signature of Familial Predisposition for Bipolar Disorder: Replicable Evidence For Involvement of the Right Inferior Frontal Gyrus. Biological Psychiatry, 2013, 73, 144-152.	0.7	118
10	ITAREPS: Information Technology Aided Relapse Prevention Programme in Schizophrenia. Schizophrenia Research, 2008, 98, 312-317.	1.1	116
11	A blind spot on the global mental health map: a scoping review of 25 years' development of mental health care for people with severe mental illnesses in central and eastern Europe. Lancet Psychiatry,the, 2017, 4, 634-642.	3.7	112
12	Changes in QEEG prefrontal cordance as a predictor of response to antidepressants in patients with treatment resistant depressive disorder: A pilot study. Journal of Psychiatric Research, 2007, 41, 319-325.	1.5	107
13	Amygdala volumes in mood disorders — Meta-analysis of magnetic resonance volumetry studies. Journal of Affective Disorders, 2009, 115, 395-410.	2.0	107
14	Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. Bipolar Disorders, 2012, 14, 261-270.	1.1	99
15	Effect of Low-Frequency rTMS on Electromagnetic Tomography (LORETA) and Regional Brain Metabolism (PET) in Schizophrenia Patients with Auditory Hallucinations. Neuropsychobiology, 2007, 55, 132-142.	0.9	97
16	Hippocampal damage mediated by corticosteroids — a neuropsychiatric research challenge. European Archives of Psychiatry and Clinical Neuroscience, 2001, 251, 81-88.	1.8	96
17	Verapamil in affective disorders: A controlled, double-blind study. Biological Psychiatry, 1989, 25, 128-140.	0.7	89
18	Reduced subgenual cingulate volumes in mood disorders: a meta-analysis. Journal of Psychiatry and Neuroscience, 2008, 33, 91-9.	1.4	89

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19	Reduced hippocampal volumes in healthy carriers of brain-derived neurotrophic factor Val66Met polymorphism: Meta-analysis. World Journal of Biological Psychiatry, 2012, 13, 178-187.	1.3	86
20	Relationship of suicide rates to economic variables in Europe: 2000â€"2011. British Journal of Psychiatry, 2014, 205, 486-496.	1.7	86
21	The change of prefrontal QEEG theta cordance as a predictor of response to bupropion treatment in patients who had failed to respond to previous antidepressant treatments. European Neuropsychopharmacology, 2010, 20, 459-466.	0.3	81
22	Latent toxoplasmosis reduces gray matter density in schizophrenia but not in controls: Voxel-based-morphometry (VBM) study. World Journal of Biological Psychiatry, 2012, 13, 501-509.	1.3	77
23	Electroencephalographic Spectral and Coherence Analysis of Ketamine in Rats: Correlation with Behavioral Effects and Pharmacokinetics. Neuropsychobiology, 2011, 63, 202-218.	0.9	73
24	Recognition of Images Degraded by Gaussian Blur. IEEE Transactions on Image Processing, 2016, 25, 790-806.	6.0	72
25	The relationship between central serotonergic activity and insulin sensitivity in healthy volunteers. Psychoneuroendocrinology, 1999, 24, 785-797.	1.3	70
26	Effectiveness of the Information Technology-Aided Program of Relapse Prevention in Schizophrenia (ITAREPS). Journal of Psychiatric Practice, 2012, 18, 269-280.	0.3	66
27	EEG source analysis in obsessiveâ€"compulsive disorder. Clinical Neurophysiology, 2011, 122, 1735-1743.	0.7	59
28	Deinstitutionalised patients, homelessness and imprisonment: Systematic review. British Journal of Psychiatry, 2016, 208, 421-428.	1.7	59
29	Differences in onset of disease and severity of psychopathology between toxoplasmosisâ€related and toxoplasmosisâ€unrelated schizophrenia. Acta Psychiatrica Scandinavica, 2013, 127, 227-238.	2.2	58
30	White matter changes in first episode psychosis and their relation to the size of sample studied: A DTI study. Schizophrenia Research, 2015, 162, 22-28.	1.1	56
31	Medial frontal and dorsal cortical morphometric abnormalities are related to obsessive-compulsive disorder. Neuroscience Letters, 2009, 464, 62-66.	1.0	55
32	Low frequency (1-Hz), right prefrontal repetitive transcranial magnetic stimulation (rTMS) compared with venlafaxine ER in the treatment of resistant depression: A double-blind, single-centre, randomized study. Journal of Affective Disorders, 2009, 118, 94-100.	2.0	53
33	The Information Technology Aided Relapse Prevention Programme in Schizophrenia: an extension of a mirror-design follow-up. International Journal of Clinical Practice, 2008, 62, 1943-1946.	0.8	52
34	Agomelatine in Generalized Anxiety Disorder. Journal of Clinical Psychiatry, 2014, 75, 362-368.	1.1	51
35	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. American Journal of Psychiatry, 2020, 177, 537-547.	4.0	49
36	Relationship of suicide rates with climate and economic variables in Europe during 2000â€"2012. Annals of General Psychiatry, 2016, 15, 19.	1.2	48

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37	Behavioral, neurochemical and pharmaco-EEG profiles of the psychedelic drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in rats. Psychopharmacology, 2013, 225, 75-93.	1.5	45
38	Using structural MRI to identify individuals at genetic risk for bipolar disorders: a 2-cohort, machine learning study. Journal of Psychiatry and Neuroscience, 2015, 40, 316-324.	1.4	45
39	Evidence-based national suicide prevention taskforce in Europe: A consensus position paper. European Neuropsychopharmacology, 2017, 27, 418-421.	0.3	45
40	Expression of the Hippocampal NMDA Receptor GluN1 Subunit and Its Splicing Isoforms in Schizophrenia: Postmortem Study. Neurochemical Research, 2010, 35, 994-1002.	1.6	44
41	Escitalopram for the treatment of major depression and anxiety disorders. Expert Review of Neurotherapeutics, 2008, 8, 537-552.	1.4	41
42	Position statement of the European Psychiatric Association (EPA) on the value of antidepressants in the treatment of unipolar depression. European Psychiatry, 2012, 27, 114-128.	0.1	39
43	QEEG Theta Cordance in the Prediction of Treatment Outcome to Prefrontal Repetitive Transcranial Magnetic Stimulation or Venlafaxine ER in Patients With Major Depressive Disorder. Clinical EEG and Neuroscience, 2015, 46, 73-80.	0.9	39
44	Individualized rTMS neuronavigated according to regional brain metabolism (18FGD PET) has better treatment effects on auditory hallucinations than standard positioning of rTMS: a double-blind, sham-controlled study. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 475-484.	1.8	38
45	Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. Psychological Medicine, 2010, 40, 1443-1451.	2.7	37
46	Do Calcium Antagonists Have a Place in the Treatment of Mood Disorders?. Drugs, 1991, 42, 721-729.	4.9	34
47	Genetic variation in FOXP2 alters grey matter concentrations in schizophrenia patients. Neuroscience Letters, 2011, 493, 131-135.	1.0	34
48	Clozapine-induced concordant agranulocytosis in monozygotic twins. International Journal of Psychiatry in Clinical Practice, 2001, 5, 71-73.	1.2	33
49	Higher Prevalence of Antibodies toBorrelia Burgdorferiin Psychiatric Patients Than in Healthy Subjects. American Journal of Psychiatry, 2002, 159, 297-301.	4.0	33
50	Predicting academic performance of medical students: the first three years. American Journal of Psychiatry, 1997, 154, 87-92.	4.0	32
51	The effectiveness of prefrontal theta cordance and early reduction of depressive symptoms in the prediction of antidepressant treatment outcome in patients with resistant depression: analysis of naturalistic data. European Archives of Psychiatry and Clinical Neuroscience, 2015, 265, 73-82.	1.8	31
52	Brain-derived neurotrophic factor (BDNF) promotes molecular polarization and differentiation of immature neuroblastoma cells into definitive neurons. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118737.	1.9	29
53	Staging of Schizophrenia With the Use of PANSS: An International Multi-Center Study. International Journal of Neuropsychopharmacology, 2019, 22, 681-697.	1.0	28
54	Language lateralization in monozygotic twins discordant and concordant for schizophrenia. A functional MRI pilot study. European Psychiatry, 2007, 22, 319-322.	0.1	27

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55	The state of psychiatry in the Czech Republic. International Review of Psychiatry, 2012, 24, 278-285.	1.4	27
56	EPA guidance on the role and responsibilities of psychiatrists. European Psychiatry, 2015, 30, 417-422.	0.1	27
57	Relapse in schizophrenia: Definitively not a bolt from the blue. Neuroscience Letters, 2018, 669, 68-74.	1.0	27
58	White matter hyperintensities in affected and unaffected late teenage and early adulthood offspring of bipolar parents: A two-center high-risk study. Journal of Psychiatric Research, 2011, 45, 76-82.	1.5	26
59	The change of QEEG prefrontal cordance as a response predictor to antidepressive intervention in bipolar depression. A pilot study. Journal of Psychiatric Research, 2012, 46, 219-225.	1.5	26
60	Suicides following inpatient psychiatric hospitalization: A nationwide case control study. Journal of Affective Disorders, 2015, 184, 164-169.	2.0	26
61	Altered Neural Correlate of the Self-Agency Experience in First-Episode Schizophrenia-Spectrum Patients: An fMRI Study. Schizophrenia Bulletin, 2016, 42, 916-925.	2.3	26
62	12-week double-blind randomized multicenter study of efficacy and safety of agomelatine (25â€"50â€¯mg/day) versus escitalopram (10â€"20â€¯mg/day) in out-patients with severe generalized anxiety disorder. European Neuropsychopharmacology, 2018, 28, 970-979.	0.3	25
63	Subgenual cingulate volumes in offspring of bipolar parents and in sporadic bipolar patients. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 297-304.	1.8	24
64	Behavioral, hyperthermic and pharmacokinetic profile of para-methoxymethamphetamine (PMMA) in rats. Pharmacology Biochemistry and Behavior, 2011, 98, 130-139.	1.3	24
65	Methamphetamine and sleep impairments: neurobehavioral correlates and molecular mechanisms. Sleep, 2021, 44, .	0.6	24
66	Robust histogram-based image retrieval. Pattern Recognition Letters, 2016, 69, 72-81.	2.6	23
67	Prospective study of hippocampal volume and function in human subjects treated with corticosteroids. European Psychiatry, 2006, 21, 123-128.	0.1	21
68	Decomposition of binary imagesâ€"A survey and comparison. Pattern Recognition, 2012, 45, 4279-4291.	5.1	21
69	Sad mood induction has an opposite effect on amygdala response to emotional stimuli in euthymic patients with bipolar disorder and healthy controls. Journal of Psychiatry and Neuroscience, 2015, 40, 134-142.	1.4	19
70	Psychiatrist's adherence: a new factor in relapse prevention of schizophrenia. A randomized controlled study on relapse control through telemedicine system. Journal of Psychiatric and Mental Health Nursing, 2015, 22, 811-820.	1.2	18
71	An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium. Psychological Medicine, 2020, 50, 2034-2045.	2.7	18
72	Cytosolic calcium alterations in platelets of patients with early stages of Alzheimer's disease. Neurobiology of Aging, 2000, 21, 729-734.	1.5	16

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73	The media and intellectuals' response to medical publications: the anti-depressants' case. Annals of General Psychiatry, 2013, 12, 11.	1.2	16
74	The Comparison of Effectiveness of Various Potential Predictors of Response to Treatment With SSRIs in Patients With Depressive Disorder. Journal of Nervous and Mental Disease, 2017, 205, 618-626.	0.5	16
75	Long-term hospitalizations for schizophrenia in the Czech Republic 1998–2012. Schizophrenia Research, 2016, 175, 180-185.	1.1	14
76	Clinical and demographic characteristics of psychiatric patients seropositive for Borrelia burgdorferi. European Psychiatry, 2006, 21, 118-122.	0.1	13
77	Are There Any Differences in the Efficacy among Second Generation Antipsychotics in the Treatment of Schizophrenia and Related Disorders?. Annals of Clinical Psychiatry, 2007, 19, 133-143.	0.6	13
78	The early improvement of depressive symptoms as a potential predictor of response to antidepressants in depressive patients who failed to respond to previous antidepressant treatments. Analysis of naturalistic data. European Psychiatry, 2012, 27, 522-527.	0.1	13
79	A contribution to the study of dispersive properties of one-dimensional Lagrangian and Hermitian elements. Computers and Structures, 1993, 49, 779-795.	2.4	12
80	Relapse prevention in schizophrenia: does group family psychoeducation matter? One-year prospective follow-up field study. International Journal of Psychiatry in Clinical Practice, 2006, 10, 38-44.	1.2	12
81	European Psychiatric Association guidance on the conflicts of interest. European Psychiatry, 2012, 27, 142-146.	0.1	11
82	Tuberous Sclerosis (tsc2+/-) Model Eker Rats Reveals Extensive Neuronal Loss with Microglial Invasion and Vascular Remodeling Related to Brain Neoplasia. Neurotherapeutics, 2020, 17, 329-339.	2.1	11
83	The effect of tryptophan depletion on the action of haloperidol in MK-801-treated rats. European Journal of Pharmacology, 2004, 502, 109-116.	1.7	10
84	Unpacking Pandora from Its Box: Deciphering the Molecular Basis of the SARS-CoV-2 Coronavirus. International Journal of Molecular Sciences, 2021, 22, 386.	1.8	9
85	Phosphoinositide signalling system in platelets of schizophrenic patients and the effect of neuroleptic therapy. Prostaglandins Leukotrienes and Essential Fatty Acids, 1999, 61, 125-129.	1.0	8
86	Antidepressant monotherapy compared with combinations of antidepressants in the treatment of resistant depressive patients: A randomized, open-label study. International Journal of Psychiatry in Clinical Practice, 2013, 17, 35-43.	1.2	8
87	Magnetic resonance relaxometry in monozygotic twins discordant and concordant for schizophrenia. European Psychiatry, 2005, 20, 41-44.	0.1	7
88	Recognition of Images Degraded by Gaussian Blur. Lecture Notes in Computer Science, 2015, , 88-99.	1.0	7
89	Teaching Critical Appraisal of Articles on Psychopharmacology. Academic Psychiatry, 2012, 36, 114-7.	0.4	6
90	Why negative meta-analyses may be false?. European Neuropsychopharmacology, 2013, 23, 1307-1309.	0.3	6

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91	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. Biological Psychiatry, 2019, 85, e35-e39.	0.7	5
92	Modeling psychological function in patients with schizophrenia with the PANSS: an international multi-center study. CNS Spectrums, 2021, 26, 290-298.	0.7	5
93	Revisiting Brain Tuberous Sclerosis Complex in Rat and Human: Shared Molecular and Cellular Pathology Leads to Distinct Neurophysiological and Behavioral Phenotypes. Neurotherapeutics, 2021, 18, 845-858.	2.1	5
94	European perspectives in psychiatry: antidepressants as an example. Acta Psychiatrica Scandinavica, 2008, 118, 89-90.	2.2	4
95	Antidepressant monotherapy and combination of antidepressants in the treatment of resistant depression in current clinical practice: A retrospective study. International Journal of Psychiatry in Clinical Practice, 2010, 14, 303-308.	1.2	4
96	Effects of the adipokinetic hormone/red pigmentâ€concentrating hormone (<scp>AKH</scp>/<scp>RPCH</scp>) family of peptides on <scp>MK</scp>â€801â€induced schizophrenia models. Fundamental and Clinical Pharmacology, 2018, 32, 589-602.	1.0	4
97	The Ups and Downs of BACE1: Walking a Fine Line between Neurocognitive and Other Psychiatric Symptoms of Alzheimerâ€™s Disease. Neuroscientist, 2021, 27, 222-234.	2.6	4
98	Predicting Therapeutic Results with Levoprotiline and Maprotiline in Major Depression: The Role of the Outcome Criteria. British Journal of Psychiatry, 1993, 163, 35-38.	1.7	3
99	European psychiatry: needs, challenges and structures. European Archives of Psychiatry and Clinical Neuroscience, 2009, 259, 119-122.	1.8	3
100	European mental health policy: opportunities for science and innovation, challenges for implementation. European Journal of Public Health, 2011, 21, 550-551.	0.1	3
101	Integrated phylogeny of the human brain and pathobiology of Alzheimerâ€™s disease: A unifying hypothesis. Neuroscience Letters, 2021, 755, 135895.	1.0	3
102	Gender, age at onset, and duration of being ill as predictors for the long-term course and outcome of schizophrenia: an international multicenter study. CNS Spectrums, 2022, 27, 716-723.	0.7	3
103	Rectangular Decomposition of Binary Images. Lecture Notes in Computer Science, 2012, , 213-224.	1.0	3
104	Cerebellar demyelination and neurodegeneration associated with <scp>mTORC1</scp> hyperactivity may contribute to the developmental onset of <scp>autismâ€like</scp> neurobehavioral phenotype in a rat model. Autism Research, 2022, , .	2.1	3
105	Prediction: Nonsense or Hope?. British Journal of Psychiatry, 1993, 163, 46-54.	1.7	2
106	Noise-Resistant Image Retrieval. , 2014, , .		2
107	Effects of adipokinetic hormone/red pigment-concentrating hormone family of peptides in olfactory bulbectomy model and posttraumatic stress disorder model of rats. Peptides, 2020, 134, 170408.	1.2	2
108	Quality indicators for mental healthcare in the Danube region: results from a pilot feasibility study. European Archives of Psychiatry and Clinical Neuroscience, 2020, 271, 1017-1025.	1.8	2

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109	DEVELOPMENT OF QUALITY INDICATORS FOR MENTAL HEALTHCARE IN THE DANUBE REGION. Psychiatria Danubina, 2018, 30, 197-206.	0.2	2
110	A Rasch analysis of the Q-LES-Q-SF questionnaire in a cohort of patients with neuropathic pain. Ceska A Slovenska Neurologie A Neurochirurgie, 2019, 82/115, 60-67.	0.0	2
111	DST in Czechoslovakia. Biological Psychiatry, 1986, 21, 1103-1104.	0.7	1
112	Research Training in the Czech Republic. Academic Psychiatry, 2002, 26, 125-127.	0.4	1
113	Mainstream psychiatry reinstates therapeutic ventures of the remote past. Drug Discovery Today, 2021, 26, 845-851.	3.2	1
114	Predictors of Medical Students Academic Performance. European Psychiatry, 1997, 12, 160s-160s.	0.1	0
115	Introduction. Pharmacopsychiatry, 2000, 33, 1-2.	1.7	0
116	Response to Shen J, Kobak K, Zhao Y, et al. Use of Remote Centralized Raters Via Live 2-Way Video in a Multicenter Clinical Trial for Schizophrenia. (J Clin Psychopharmacol. 2008;28:691-693). Journal of Clinical Psychopharmacology, 2009, 29, 409.	0.7	0
117	Decomposition of 3D Binary Objects into Rectangular Blocks. , 2016, , .		0
118	Introduction: An overview of NIMH (Klecany, CZ) scientific activities. Neuroscience Letters, 2021, 749, 135790.	1.0	0
119	Estudio prospectivo del volumen y la función del hipocampo en sujetos humanos tratados con corticoesteroides. European Psychiatry (Ed Española), 2006, 13, 295-300.	0.0	0
120	CHALLENGES IN DEVELOPING MODELS FOR PSYCHIATRIC EDUCATION IN EASTERN EUROPE. , 1994, , .		0
121	Close-to-optimal algorithm for rectangular decomposition of 3D shapes. Kybernetika, 0, , 755-781.	0.0	0
122	Challenges in Concept and Practice. , 0, , 81-83.		0