

S Andrea Wijtenburg

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,188
citations

361413

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414414

32
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42
all docs

42
docs citations

42
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Schizophrenia Bulletin, 2022, , .	4.3	2
2	Neurotransmitters and Neurometabolites in Late-Life Depression: A Preliminary Magnetic Resonance Spectroscopy Study at 7T. Journal of Affective Disorders, 2021, 279, 417-425.	4.1	20
3	Multimodal Neuroimaging Study of Visual Plasticity in Schizophrenia. Frontiers in Psychiatry, 2021, 12, 644271.	2.6	5
4	Metabolite Alterations in Adults With Schizophrenia, First Degree Relatives, and Healthy Controls: A Multi-Region 7T MRS Study. Frontiers in Psychiatry, 2021, 12, 656459.	2.6	19
5	Sleep quality is related to brain glutamate and symptom severity in schizophrenia. Journal of Psychiatric Research, 2020, 120, 14-20.	3.1	21
6	Sex Differences in Subjective Sleep Quality Patterns in Schizophrenia. Behavioral Sleep Medicine, 2020, 18, 668-679.	2.1	9
7	Anterior Cingulate Glutamate and GABA Associations on Functional Connectivity in Schizophrenia. Schizophrenia Bulletin, 2019, 45, 647-658.	4.3	45
8	S87. ALTERED BRAIN MACROMOLECULES IN SCHIZOPHRENIA: A 1H MRS STUDY. Schizophrenia Bulletin, 2019, 45, S340-S341.	4.3	0
9	White matter and hypoxic hypobaria in humans. Human Brain Mapping, 2019, 40, 3165-3173.	3.6	12
10	Brain insulin resistance and altered brain glucose are related to memory impairments in schizophrenia. Schizophrenia Research, 2019, 208, 324-330.	2.0	36
11	Cardiovascular risks impact human brain γ -acetylaspartate in regionally specific patterns. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25243-25249.	7.1	6
12	Neurometabolites and associations with cognitive deficits in mild cognitive impairment: a magnetic resonance spectroscopy study at 7T. Neurobiology of Aging, 2019, 73, 211-218.	3.1	61
13	Reproducibility of brain MRS in older healthy adults at 7T. NMR in Biomedicine, 2019, 32, e4040.	2.8	15
14	Comparing the reproducibility of commonly used magnetic resonance spectroscopy techniques to quantify cerebral glutathione. Journal of Magnetic Resonance Imaging, 2019, 49, 176-183.	3.4	30
15	Magnetic Resonance Spectroscopy Gamma-Aminobutyric Acid: A Promising Biomarker for Antipsychotic Treatment?. Biological Psychiatry, 2018, 83, 468-469.	1.3	0
16	Miniature pig model of human adolescent brain white matter development. Journal of Neuroscience Methods, 2018, 296, 99-108.	2.5	22
17	TMS evoked N100 reflects local GABA and glutamate balance. Brain Stimulation, 2018, 11, 1071-1079.	1.6	36
18	Cerebellar-Stimulation Evoked Prefrontal Electrical Synchrony Is Modulated by GABA. Cerebellum, 2018, 17, 550-563.	2.5	25

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19	Lower glutamate level in temporo-parietal junction may predict a better response to tDCS in schizophrenia. <i>Schizophrenia Research</i> , 2018, 201, 422-423.	2.0	4
20	Salivary kynurenic acid response to psychological stress: inverse relationship to cortical glutamate in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 1706-1711.	5.4	24
21	Miniature pig magnetic resonance spectroscopy model of normal adolescent brain development. <i>Journal of Neuroscience Methods</i> , 2018, 308, 173-182.	2.5	10
22	Glutamatergic metabolites are associated with visual plasticity in humans. <i>Neuroscience Letters</i> , 2017, 644, 30-36.	2.1	19
23	Normalizing data from GABA-edited MEGA-PRESS implementations at 3 Tesla. <i>Magnetic Resonance Imaging</i> , 2017, 42, 8-15.	1.8	15
24	Lipid Metabolism, Abdominal Adiposity, and Cerebral Health in the Amish. <i>Obesity</i> , 2017, 25, 1876-1880.	3.0	8
25	Glutamatergic metabolites among adolescents at risk for psychosis. <i>Psychiatry Research</i> , 2017, 257, 179-185.	3.3	19
26	Altered Glutamate and Regional Cerebral Blood Flow Levels in Schizophrenia: A 1H-MRS and pCASL study. <i>Neuropsychopharmacology</i> , 2017, 42, 562-571.	5.4	46
27	Antigliadin Antibodies (AGA IgG) Are Related to Neurochemistry in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017, 8, 104.	2.6	24
28	Reproducibility of phase rotation stimulated echo acquisition mode at 3T in schizophrenia: Emphasis on glutamine. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 498-502.	3.0	12
29	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2587-2595.	5.4	60
30	Effectiveness of fast mapping to promote learning in schizophrenia. <i>Schizophrenia Research: Cognition</i> , 2016, 4, 24-31.	1.3	8
31	Frontal Glutamate and $\hat{1}^3$ -Aminobutyric Acid Levels and Their Associations With Mismatch Negativity and Digit Sequencing Task Performance in Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 166.	11.0	78
32	In vivo assessment of neurotransmitters and modulators with magnetic resonance spectroscopy: Application to schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 51, 276-295.	6.1	75
33	Evaluation of Myo-Inositol as a Potential Biomarker for Depression in Schizophrenia. <i>Neuropsychopharmacology</i> , 2015, 40, 2157-2164.	5.4	46
34	Comparison of single voxel brain MRS AT 3T and 7T using 32-channel head coils. <i>Magnetic Resonance Imaging</i> , 2015, 33, 1013-1018.	1.8	68
35	Reproducibility of phase rotation STEAM at 3T: Focus on glutathione. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 603-609.	3.0	46
36	Anterior cingulate GABA levels predict whole-brain cerebral blood flow. <i>Neuroscience Letters</i> , 2014, 561, 188-191.	2.1	4

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37	Accelerated white matter aging in schizophrenia: role of white matter blood perfusion. <i>Neurobiology of Aging</i> , 2014, 35, 2411-2418.	3.1	42
38	Multimodal white matter imaging to investigate reduced fractional anisotropy and its age-related decline in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 148-156.	1.8	37
39	Combining diffusion tensor imaging and magnetic resonance spectroscopy to study reduced frontal white matter integrity in youths with family histories of substance use disorders. <i>Human Brain Mapping</i> , 2014, 35, 5877-5887.	3.6	26
40	Reproducibility of brain spectroscopy at 7T using conventional localization and spectral editing techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 460-467.	3.4	70
41	Reconstructing very short TE phase rotation spectral data collected with multichannel phased-array coils at 3 T. <i>Magnetic Resonance Imaging</i> , 2011, 29, 937-942.	1.8	16
42	Very short echo time improves the precision of glutamate detection at 3T in ¹ H magnetic resonance spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 645-652.	3.4	67