Lotje De Witte

List of Publications by Year in descending order

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42 papers	2,388 citations	430874 18 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	3309 citing authors

#	Article	IF	Citations
1	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
2	Microglia innately develop within cerebral organoids. Nature Communications, 2018, 9, 4167.	12.8	405
3	Human microglia regional heterogeneity and phenotypes determined by multiplexed single-cell mass cytometry. Nature Neuroscience, 2019, 22, 78-90.	14.8	288
4	Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimerâ€™s disease. Nature Neuroscience, 2021, 24, 343-354.	14.8	118
5	Genetic analysis of the human microglial transcriptome across brain regions, aging and disease pathologies. Nature Genetics, 2022, 54, 4-17.	21.4	102
6	Synapse Pathology in Schizophrenia: A Meta-analysis of Postsynaptic Elements in Postmortem Brain Studies. Schizophrenia Bulletin, 2020, 46, 374-386.	4.3	77
7	In vivo (R)-[11C]PK11195 PET imaging of 18kDa translocator protein in recent onset psychosis. NPJ Schizophrenia, 2016, 2, 16031.	3.6	63
8	Absence ofN-Methyl-_{<scp>D</scp>}-Aspartate Receptor IgG Autoantibodies in Schizophrenia. JAMA Psychiatry, 2015, 72, 731.	11.0	58
9	Single-cell mass cytometry of microglia in major depressive disorder reveals a non-inflammatory phenotype with increased homeostatic marker expression. Translational Psychiatry, 2020, 10, 310.	4.8	56
10	Microglia in post-mortem brain tissue of patients with bipolar disorder are not immune activated. Translational Psychiatry, 2019, 9, 153.	4.8	45
11	A loss of mature microglial markers without immune activation in schizophrenia. Glia, 2021, 69, 1251-1267.	4.9	43
12	Distinct non-inflammatory signature of microglia in post-mortem brain tissue of patients with major depressive disorder. Molecular Psychiatry, 2021, 26, 3336-3349.	7.9	40
13	A characterization of the molecular phenotype and inflammatory response of schizophrenia patient-derived microglia-like cells. Brain, Behavior, and Immunity, 2020, 90, 196-207.	4.1	37
14	The association between schizophrenia and the immune system: Review of the evidence from unbiased â€˜omic-studiesâ€™. Schizophrenia Research, 2020, 217, 114-123.	2.0	30
15	Microglial activation in schizophrenia: Is translocator 18â€‘kDa protein (TSPO) the right marker?. Schizophrenia Research, 2020, 215, 167-172.	2.0	30
16	The association between antibodies to neurotropic pathogens and schizophrenia: a case-control study. NPJ Schizophrenia, 2015, 1, 15041.	3.6	29
17	Simvastatin Augmentation for Patients With Early-Phase Schizophrenia-Spectrum Disorders: A Double-Blind, Randomized Placebo-Controlled Trial. Schizophrenia Bulletin, 2021, 47, 1108-1115.	4.3	24
18	Characterization of HIV-1 Infection in Microglia-Containing Human Cerebral Organoids. Viruses, 2022, 14, 829.	3.3	24

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19	SARSâ€CoVâ€2 during pregnancy and associated outcomes: Results from an ongoing prospective cohort. Paediatric and Perinatal Epidemiology, 2022, 36, 466-475.	1.7	17
20	Dysregulation of mitochondrial and proteolysosomal genes in Parkinsonâ€™s disease myeloid cells. Nature Aging, 2021, 1, 850-863.	11.6	16
21	Neurons and glial cells in bipolar disorder: A systematic review of postmortem brain studies of cell number and size. Neuroscience and Biobehavioral Reviews, 2019, 103, 150-162.	6.1	15
22	Human microglial models to study HIV infection and neuropathogenesis: a literature overview and comparative analyses. Journal of NeuroVirology, 2022, 28, 64-91.	2.1	15
23	B-cells and schizophrenia: A promising link or a finding lost in translation?. Brain, Behavior, and Immunity, 2019, 81, 52-62.	4.1	14
24	DNA methylation changes related to nutritional deprivation: a genome-wide analysis of population and in vitro data. Clinical Epigenetics, 2019, 11, 80.	4.1	14
25	Cannabinoids and psychotic symptoms: A potential role for a genetic variant in the P2X purinoceptor 7 (P2RX7) gene. Brain, Behavior, and Immunity, 2020, 88, 573-581.	4.1	14
26	Contribution of Age, Brain Region, Mood Disorder Pathology, and Interindividual Factors on the Methylome of Human Microglia. Biological Psychiatry, 2022, 91, 572-581.	1.3	12
27	Childhood Adversity Is Associated With Increased KITLG Methylation in Healthy Individuals but Not in Bipolar Disorder Patients. Frontiers in Psychiatry, 2019, 9, 743.	2.6	10
28	The association between antibodies to neurotropic pathogens and bipolar disorder. Translational Psychiatry, 2019, 9, 311.	4.8	10
29	Increased number of T-lymphocytes in post-mortem brain tissue of patients with schizophrenia.. Schizophrenia Research, 2020, 216, 526-528.	2.0	10
30	Telomere quantification in frontal and temporal brain tissue of patients with schizophrenia. Journal of Psychiatric Research, 2017, 95, 231-234.	3.1	7
31	The effect of prednisolone on symptom severity in schizophrenia: A placebo-controlled, randomized controlled trial. Schizophrenia Research, 2021, 230, 79-86.	2.0	7
32	The influence of structural racism, pandemic stress, and SARS-CoV-2 infection during pregnancy with adverse birth outcomes. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100649.	2.6	7
33	Virus discovery analyses on post-mortem brain tissue and cerebrospinal fluid of schizophrenia patients. Schizophrenia Research, 2018, 197, 605-606.	2.0	6
34	DNA methylation differences in cortical grey and white matter in schizophrenia. Epigenomics, 2021, 13, 1157-1169.	2.1	5
35	Cerebrospinal fluid abnormalities in first- and multi-episode schizophrenia-spectrum disorders: impact of clinical and demographical variables. Translational Psychiatry, 2021, 11, 621.	4.8	5
36	Transcriptomic and functional analysis of AÎ²1-42 oligomer-stimulated human monocyte-derived microglia-like cells. Brain, Behavior, and Immunity, 2022, 100, 219-230.	4.1	4

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37	Atlas of genetic effects in human microglia transcriptome across brain regions, aging and disease pathologies. Alzheimer's and Dementia, 2021, 17, e050942.	0.8	4
38	Are infectious agents involved in the pathogenesis of postpartum psychosis?. Journal of Affective Disorders, 2018, 229, 141-144.	4.1	3
39	Liprin alfa 2 gene expression is increased by cannabis use and associated with neuropsychological function. European Neuropsychopharmacology, 2019, 29, 643-652.	0.7	3
40	Clinical consequences of extensive routine laboratory investigations in patients with a recent onset psychotic disorder. Schizophrenia Research, 2017, 189, 210-212.	2.0	2
41	No neuronal autoantibodies detected in plasma of patients with a bipolar I disorder. Psychiatry Research, 2018, 259, 460-462.	3.3	2
42	Exposure to the Amino Acids Histidine, Lysine, and Threonine Reduces mTOR Activity and Affects Neurodevelopment in a Human Cerebral Organoid Model. Nutrients, 2022, 14, 2175.	4.1	2