

# Till F M Andlauer

## List of Publications by Citations

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**Version:** 2024-04-28

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93  
papers

4,361  
citations

25  
h-index

65  
g-index

133  
ext. papers

6,649  
ext. citations

8.5  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
93	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , <b>2018</b> , 50, 668-681	36.3	1301
92	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , <b>2018</b> , 360,	33.3	666
91	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , <b>2019</b> , 179, 1469-1482.e11	56.2	402
90	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , <b>2019</b> , 365,	33.3	309
89	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. <i>Nature Communications</i> , <b>2018</b> , 9, 2397	17.4	81
88	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , <b>2020</b> , 52, 437-447	36.3	80
87	S13. IMPACT OF POLYGENIC AND POLY-ENVIRONMENTAL RISK FACTORS ON A PSYCHOSIS RISK PHENOTYPE EXPLAINED THROUGH BRAIN STRUCTURE. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S35-S36	1.3	78
86	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. <i>Science Advances</i> , <b>2016</b> , 2, e1501678	14.3	75
85	Structural long-term changes at mushroom body input synapses. <i>Current Biology</i> , <b>2010</b> , 20, 1938-44	6.3	72
84	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , <b>2018</b> , 175, 1679-1687.e772	6.6	72
83	Presynapses in Kenyon cell dendrites in the mushroom body calyx of <i>Drosophila</i> . <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 9696-707	6.6	63
82	Spermidine Suppresses Age-Associated Memory Impairment by Preventing Adverse Increase of Presynaptic Active Zone Size and Release. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002563	9.7	62
81	Piccolo regulates the dynamic assembly of presynaptic F-actin. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 14250-63	6.6	60
80	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 169-184	7.9	57
79	A nonsynonymous mutation in <i>PLCG2</i> reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 237-250	14.3	50
78	Genetic effects influencing risk for major depressive disorder in China and Europe. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1074	8.6	48
77	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 138-147	7.9	48

76	PALS1 is essential for retinal pigment epithelium structure and neural retina stratification. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 17230-41	6.6	44
75	The irre cell recognition module (IRM) proteins. <i>Journal of Neurogenetics</i> , <b>2009</b> , 23, 48-67	1.6	44
74	Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 77	8.6	42
73	A systems biology approach uncovers cell-specific gene regulatory effects of genetic associations in multiple sclerosis. <i>Nature Communications</i> , <b>2019</b> , 10, 2236	17.4	36
72	Hair Cortisol in Twins: Heritability and Genetic Overlap with Psychological Variables and Stress-System Genes. <i>Scientific Reports</i> , <b>2017</b> , 7, 15351	4.9	33
71	A phenome-wide association and Mendelian Randomisation study of polygenic risk for depression in UK Biobank. <i>Nature Communications</i> , <b>2020</b> , 11, 2301	17.4	31
70	Treatment response classes in major depressive disorder identified by model-based clustering and validated by clinical prediction models. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 187	8.6	30
69	Drep-2 is a novel synaptic protein important for learning and memory. <i>ELife</i> , <b>2014</b> , 3,	8.9	28
68	A longitudinal approach to biological psychiatric research: The PsyCourse study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2019</b> , 180, 89-102	3.5	24
67	Active Zone Scaffold Protein Ratios Tune Functional Diversity across Brain Synapses. <i>Cell Reports</i> , <b>2018</b> , 23, 1259-1274	10.6	22
66	Genome-wide association study reveals new insights into the heritability and genetic correlates of developmental dyslexia. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3004-3017	15.1	22
65	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depressive disorder		21
64	An Investigation of Psychosis Subgroups With Prognostic Validation and Exploration of Genetic Underpinnings: The PsyCourse Study. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 523-533	14.5	21
63	Quantitative analysis of Drosophila larval neuromuscular junction morphology. <i>Cold Spring Harbor Protocols</i> , <b>2012</b> , 2012, 490-3	1.2	20
62	A high affinity RIM-binding protein/Aplip1 interaction prevents the formation of ectopic axonal active zones. <i>ELife</i> , <b>2015</b> , 4,	8.9	18
61	Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	17
60	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 611-620	7.9	17
59	Bipolar multiplex families have an increased burden of common risk variants for psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1286-1298	15.1	17

58	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. <i>Bipolar Disorders</i> , <b>2019</b> , 21, 68-75	3.8	15
57	Higher frequencies of HLA DQB1*05:01 and anti-glycosphingolipid antibodies in a cluster of severe Guillain-Barré syndrome. <i>Journal of Neurology</i> , <b>2016</b> , 263, 2105-13	5.5	15
56	DeepWAS: Multivariate genotype-phenotype associations by directly integrating regulatory information using deep learning. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1007616	5	14
55	Advanced paternal age as a risk factor for neurodevelopmental disorders: a translational study. <i>Molecular Autism</i> , <b>2020</b> , 11, 54	6.5	13
54	The genetic basis of major depression. <i>Psychological Medicine</i> , <b>2021</b> , 51, 2217-2230	6.9	13
53	In vivo imaging of the Drosophila larval neuromuscular junction. <i>Cold Spring Harbor Protocols</i> , <b>2012</b> , 2012, 481-9	1.2	12
52	Minimal phenotyping yields GWAS hits of reduced specificity for major depression		12
51	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 91-100	3.4	12
50	Polygenic scores for psychiatric disease: from research tool to clinical application. <i>Medizinische Genetik</i> , <b>2020</b> , 32, 39-45	0.5	11
49	Fatigue, depression, and pain in multiple sclerosis: How neuroinflammation translates into dysfunctional reward processing and anhedonic symptoms. <i>Multiple Sclerosis Journal</i> , <b>2020</b> , 1352458520972279 <sup>1</sup>		
48	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , <b>2022</b> , 91, 102-117	7.9	11
47	Exome sequencing in large, multiplex bipolar disorder families from Cuba. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205895.7	5.7	11
46	Associations of schizophrenia risk genes ZNF804A and CACNA1C with schizotypy and modulation of attention in healthy subjects. <i>Schizophrenia Research</i> , <b>2019</b> , 208, 67-75	3.6	10
45	Loss of the Coffin-Lowry syndrome-associated gene RSK2 alters ERK activity, synaptic function and axonal transport in Drosophila motoneurons. <i>DMM Disease Models and Mechanisms</i> , <b>2015</b> , 8, 1389-400	4.1	10
44	In vivo imaging of Drosophila larval neuromuscular junctions to study synapse assembly. <i>Cold Spring Harbor Protocols</i> , <b>2012</b> , 2012, 407-13	1.2	10
43	Evidence for increased genetic risk load for major depression in patients assigned to electroconvulsive therapy. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2019</b> , 180, 35-45	3.5	10
42	Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. <i>Genetic Epidemiology</i> , <b>2015</b> , 39, 601-8	2.6	9
41	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 419-430	7.9	9

40	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2020</b> , 183, 309-330	3.5	8
39	The genetic relationship between educational attainment and cognitive performance in major psychiatric disorders. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 210	8.6	7
38	Inner retinal layer thinning in radiologically isolated syndrome predicts conversion to multiple sclerosis. <i>European Journal of Neurology</i> , <b>2020</b> , 27, 2217-2224	6	7
37	Building an imaging chamber for in vivo imaging of Drosophila larvae. <i>Cold Spring Harbor Protocols</i> , <b>2012</b> , 2012, 476-80	1.2	7
36	The role of environmental stress and DNA methylation in the longitudinal course of bipolar disorder. <i>International Journal of Bipolar Disorders</i> , <b>2020</b> , 8, 9	5.4	7
35	Clinical and genetic differences between bipolar disorder type 1 and 2 in multiplex families. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 31	8.6	7
34	The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 1258-1269	14.5	7
33	MS susceptibility is not affected by single nucleotide polymorphisms in the MMP9 gene. <i>Journal of Neuroimmunology</i> , <b>2015</b> , 279, 46-9	3.5	6
32	HLA Genetic Risk Burden in Multiple Sclerosis. <i>JAMA Neurology</i> , <b>2016</b> , 73, 1500-1501	17.2	6
31	Genome-wide association analyses of individual differences in quantitatively assessed reading- and language-related skills in up to 34,000 people		6
30	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	6
29	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 1895-1905	8.7	5
28	The influence of religious activity and polygenic schizophrenia risk on religious delusions in schizophrenia. <i>Schizophrenia Research</i> , <b>2019</b> , 210, 255-261	3.6	5
27	Polygenic risk for schizophrenia and schizotypal traits in non-clinical subjects. <i>Psychological Medicine</i> , <b>2020</b> , 1-11	6.9	4
26	Effect of HLA-DRB1 alleles and genetic variants on the development of neutralizing antibodies to interferon beta in the BEYOND and BENEFIT trials. <i>Multiple Sclerosis Journal</i> , <b>2019</b> , 25, 565-573	5	4
25	Childhood maltreatment and cognitive functioning: the role of depression, parental education, and polygenic predisposition. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 891-899	8.7	4
24	Genetic determinants of the humoral immune response in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2020</b> , 7,	9.1	3
23	"The Heidelberg Five" personality dimensions: Genome-wide associations, polygenic risk for neuroticism, and psychopathology 20 years after assessment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2021</b> , 186, 77-89	3.5	3

22	Polygenic risk scores across the extended psychosis spectrum. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 600	8.6	2
21	Genetic factors influencing a neurobiological substrate for psychiatric disorders		2
20	Gene Expression in Spontaneous Experimental Autoimmune Encephalomyelitis Is Linked to Human Multiple Sclerosis Risk Genes. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2165	8.4	2
19	Genetic Variation in WNT9B Increases Relapse Hazard in Multiple Sclerosis. <i>Annals of Neurology</i> , <b>2021</b> , 89, 884-894	9.4	2
18	The Aryl Hydrocarbon Receptor-Dependent TGF- $\beta$ /VEGF-B Ratio Correlates With Disease Subtype and Prognosis in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2021</b> , 8,	9.1	2
17	Characterisation of age and polarity at onset in bipolar disorder.. <i>British Journal of Psychiatry</i> , <b>2021</b> , 219, 659-669	5.4	2
16	Treatment- and population-specific genetic risk factors for anti-drug antibodies against interferon-beta: a GWAS. <i>BMC Medicine</i> , <b>2020</b> , 18, 298	11.4	1
15	Interplay between the genetics of personality traits, severe psychiatric disorders and COVID-19 host genetics in the susceptibility to SARS-CoV-2 infection. <i>BJPsych Open</i> , <b>2021</b> , 7, e188	5	1
14	Genetic variation in the Major Histocompatibility Complex and association with depression		1
13	Cis-epistasis at the LPA locus and risk of coronary artery disease		1
12	Characterization of Age and Polarity at Onset in Bipolar Disorder		1
11	Polygenic scores differentially predict developmental trajectories of subtypes of social withdrawal in childhood. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1320-1329	7.9	1
10	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning		1
9	GWAS META-analysis followed by MENDELIAN randomisation revealed potential control mechanisms for circulating $\beta$ kloto levels. <i>Human Molecular Genetics</i> , <b>2021</b> ,	5.6	1
8	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses.. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2022</b> , 1	5.1	0
7	Genotype-phenotype feasibility studies on khat abuse, traumatic experiences and psychosis in Ethiopia. <i>Psychiatric Genetics</i> , <b>2020</b> , 30, 34-38	2.9	0
6	A genome-wide association study of the longitudinal course of executive functions. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 386	8.6	0
5	Interaction of developmental factors and ordinary stressful life events on brain structure in adults. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102683	5.3	0

4	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 192	8.6	o
3	Gray matter atrophy in relapsing-remitting multiple sclerosis is associated with white matter lesions in connecting fibers. <i>Multiple Sclerosis Journal</i> , <b>2021</b> , 13524585211044957	5	o
2	Genetic risk for psychiatric illness is associated with the number of hospitalizations of bipolar disorder patients. <i>Journal of Affective Disorders</i> , <b>2022</b> , 296, 532-540	6.6	o
1	Interplay between the Genetics of Personality Traits, severe Psychiatric Disorders, and COVID-19 Host Genetics in the Susceptibility to SARS-CoV-2 Infection - ADDENDUM. <i>BJPsych Open</i> , <b>2021</b> , 7, e206	5	