Christian Hammer

List of Publications by Year
in descending order

50 papers	18,161 citations	172457 29 h-index	182427 51 g-index
63 all docs	63 docs citations	63 times ranked	28594 citing authors

#	Article	IF	Citations
1	Biological insights from 108 schizophrenia-associated genetic loci. Nature, 2014, 511, 421-427.	27.8	6,934
2	LD Score regression distinguishes confounding from polygenicity in genome-wide association studies. Nature Genetics, 2015, 47, 291-295.	21.4	3,905
3	Schizophrenia risk from complex variation of complement component 4. Nature, 2016, 530, 177-183.	27.8	1,915
4	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. American Journal of Human Genetics, 2015, 97, 576-592.	6.2	1,098
5	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. American Journal of Human Genetics, 2014, 95, 535-552.	6.2	569
6	Antigen presentation in cancer: insights into tumour immunogenicity and immune evasion. Nature Reviews Cancer, 2021, 21, 298-312.	28.4	553
7	Contrasting genetic architectures of schizophrenia and other complex diseases using fast variance-components analysis. Nature Genetics, 2015, 47, 1385-1392.	21.4	431
8	Memory B Cells Activate Brain-Homing, Autoreactive CD4+ T Cells in Multiple Sclerosis. Cell, 2018, 175, 85-100.e23.	28.9	350
9	Seroprevalence of autoantibodies against brain antigens in health and disease. Annals of Neurology, 2014, 76, 82-94.	5.3	301
10	Neuropsychiatric disease relevance of circulating anti-NMDA receptor autoantibodies depends on bloodâ€“brain barrier integrity. Molecular Psychiatry, 2014, 19, 1143-1149.	7.9	293
11	Natural variation in the parameters of innate immune cells is preferentially driven by genetic factors. Nature Immunology, 2018, 19, 302-314.	14.5	205
12	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. American Journal of Human Genetics, 2018, 102, 1185-1194.	6.2	119
13	Performance of Serum microRNAs -122, -192 and -21 as Biomarkers in Patients with Non-Alcoholic Steatohepatitis. PLoS ONE, 2015, 10, e0142661.	2.5	116
14	Human genetic variants and age are the strongest predictors of humoral immune responses to common pathogens and vaccines. Genome Medicine, 2018, 10, 59.	8.2	113
15	Severe viral respiratory infections in children with IFIH1 loss-of-function mutations. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8342-8347.	7.1	111
16	Accumulated environmental risk determining age at schizophrenia onset: a deep phenotyping-based study. Lancet Psychiatry,the, 2014, 1, 444-453.	7.4	84
17	Serotonin type 3 receptor genes: HTR3A, B, C, D, E. Pharmacogenomics, 2008, 9, 501-504.	1.3	80
18	The brain as immunoprecipitator of serum autoantibodies against Nâ€Methylâ€Dâ€aspartate receptor subunit NR1. Annals of Neurology, 2016, 79, 144-151.	5.3	75

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19	The HTR3A Polymorphism c. -42C>T Is Associated With Amygdala Responsiveness in Patients With Irritable Bowel Syndrome. Gastroenterology, 2011, 140, 1943-1951.	1.3	73
20	Polygenic risk for skin autoimmunity impacts immune checkpoint blockade in bladder cancer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12288-12294.	7.1	65
21	Amino Acid Variation in HLA Class II Proteins Is a Major Determinant of Humoral Response to Common Viruses. American Journal of Human Genetics, 2015, 97, 738-743.	6.2	63
22	Mechanisms of immune-related adverse events associated with immune checkpoint blockade: using germline genetics to develop a personalized approach. Genome Medicine, 2019, 11, 39.	8.2	62
23	HIV-1 Vpu is a potent transcriptional suppressor of NF-ÎºB-elicited antiviral immune responses. ELife, 2019, 8, .	6.0	53
24	A Coding Variant of ANO10, Affecting Volume Regulation of Macrophages, Is Associated with Borrelia Seropositivity. Molecular Medicine, 2015, 21, 26-37.	4.4	49
25	Replication of functional serotonin receptor type 3A and B variants in bipolar affective disorder: a European multicenter study. Translational Psychiatry, 2012, 2, e103-e103.	4.8	42
26	A single gene defect causing claustrophobia. Translational Psychiatry, 2013, 3, e254-e254.	4.8	41
27	Genetic variation associated with thyroid autoimmunity shapes the systemic immune response to PD-1 checkpoint blockade. Nature Communications, 2021, 12, 3355.	12.8	40
28	Hallmarks of Resistance to Immune-Checkpoint Inhibitors. Cancer Immunology Research, 2022, 10, 372-383.	3.4	36
29	Functional variants of the serotonin receptor type 3A and B gene are associated with eating disorders. Pharmacogenetics and Genomics, 2009, 19, 790-799.	1.5	35
30	Polygenic determinants of white matter volume derived from GWAS lack reproducibility in a replicate sample. Translational Psychiatry, 2014, 4, e362-e362.	4.8	35
31	Naturally occurring variants in the HTR3B gene significantly alter properties of human heteromeric 5-hydroxytryptamine-3A/B receptors. Pharmacogenetics and Genomics, 2008, 18, 793-802.	1.5	34
32	RIC-3 Exclusively Enhances the Surface Expression of Human Homomeric 5-Hydroxytryptamine Type 3A (5-HT3A) Receptors Despite Direct Interactions with 5-HT3A, -C, -D, and -E Subunits. Journal of Biological Chemistry, 2010, 285, 26956-26965.	3.4	31
33	Polymorphism in HTR3D shows different risks for acute chemotherapy-induced vomiting after anthracycline chemotherapy. Pharmacogenomics, 2010, 11, 943-950.	1.3	29
34	Apolipoprotein E4 carrier status plus circulating anti-NMDAR1 autoantibodies: association with schizoaffective disorder. Molecular Psychiatry, 2014, 19, 1054-1056.	7.9	27
35	Two naturally occurring variants of the serotonin receptor geneHTR3Care associated with nausea in pregnancy. Acta Obstetricia Et Gynecologica Scandinavica, 2010, 89, 7-14.	2.8	24
36	Mild expression differences of MECP 2 influencing aggressive social behavior. EMBO Molecular Medicine, 2014, 6, 662-684.	6.9	23

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37	In silico tools for accurate HLA and KIR inference from clinical sequencing data empower immunogenetics on individual-patient and population scales. Briefings in Bioinformatics, 2021, 22, .	6.5	19
38	Catecholaminergic Gene Polymorphisms Are Associated with GI Symptoms and Morphological Brain Changes in Irritable Bowel Syndrome. PLoS ONE, 2015, 10, e0135910.	2.5	18
39	Correcting for Population Stratification Reduces False Positive and False Negative Results in Joint Analyses of Host and Pathogen Genomes. Frontiers in Genetics, 2018, 9, 266.	2.3	14
40	MiDASâ€"Meaningful Immunogenetic Data at Scale. PLoS Computational Biology, 2021, 17, e1009131.	3.2	12
41	Human genomics of the humoral immune response against polyomaviruses. Virus Evolution, 2021, 7, veab058.	4.9	9
42	The influence of human genetic variation on Epsteinâ€"Barr virus sequence diversity. Scientific Reports, 2021, 11, 4586.	3.3	8
43	Disparities in Tumor Mutational Burden, Immunotherapy Use, and Outcomes Based on Genomic Ancestry in Nonâ€"Small-Cell Lung Cancer. JCO Global Oncology, 2021, 7, 1537-1546.	1.8	8
44	Impact of Genetic and Nongenetic Factors on Body Mass Index and Waist-Hip Ratio Change in HIV-Infected Individuals Initiating Antiretroviral Therapy. Open Forum Infectious Diseases, 2020, 7, ofz464.	0.9	7
45	Allelic variation in <scp>HLAâ€ DRB1</scp> is associated with development of a<scp>ntidrug</scp> antibodies in cancer patients treated with atezolizumab that are neutralizing in vitro. Clinical and Translational Science, 2022, 15, 1393-1399.	3.1	6
46	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. Journal of Cellular and Molecular Medicine, 2021, 25, 8047-8061.	3.6	5
47	Coming of Age: Human Genomics and the Cancerâ€"Immune Set Point. Cancer Immunology Research, 2022, 10, 674-679.	3.4	5
48	Human genomics of acute liver failure due to hepatitis B virus infection: An exome sequencing study in liver transplant recipients. Journal of Viral Hepatitis, 2019, 26, 271-277.	2.0	4
49	Genetic variation near CXCL12 is associated with susceptibility to HIV-related non-Hodgkin lymphoma. Haematologica, 2021, 106, 2233-2241.	3.5	4
50	A common microdeletion affecting a hippocampusâ€•and amygdalaâ€specific isoform of tryptophan hydroxylase 2 is not associated with affective disorders. Bipolar Disorders, 2014, 16, 764-768.	1.9	2