Stefanie Heilmann-Heimbach

List of Publications by Year
in descending order

126 papers	7,344 citations	87723 38 h-index	71532 76 g-index
140 all docs	140 docs citations	140 times ranked	14135 citing authors

#	Article	IF	Citations
1	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	9.4	783
2	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	9.4	700
3	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. Nature Neuroscience, 2018, 21, 1656-1669.	7.1	490
4	Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144.	13.9	427
5	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	9.4	279
6	Genome-wide association study of glioma subtypes identifies specific differences in genetic susceptibility to glioblastoma and non-glioblastoma tumors. Nature Genetics, 2017, 49, 789-794.	9.4	259
7	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	1.2	214
8	Genome-wide meta-analysis in alopecia areata resolves HLA associations and reveals two new susceptibility loci. Nature Communications, 2015, 6, 5966.	5.8	213
9	A large-scale genome-wide association study meta-analysis of cannabis use disorder. Lancet Psychiatry,the, 2020, 7, 1032-1045.	3.7	200
10	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. American Journal of Psychiatry, 2019, 176, 651-660.	4.0	186
11	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. Human Molecular Genetics, 2016, 25, 3383-3394.	1.4	182
12	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. Translational Psychiatry, 2017, 7, e1155-e1155.	2.4	150
13	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. Nature Communications, 2018, 9, 2397.	5.8	147
14	Common variants in Alzheimerâ€™s disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	5.8	140
15	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. Biological Psychiatry, 2022, 91, 313-327.	0.7	114
16	Genome-wide association study identifies multiple susceptibility loci for glioma. Nature Communications, 2015, 6, 8559.	5.8	112
17	Common variants in the HLA-DQ region confer susceptibility to idiopathic achalasia. Nature Genetics, 2014, 46, 901-904.	9.4	104
18	Genome-wide significant risk factors for Alzheimerâ€™s disease: role in progression to dementia due to Alzheimer's disease among subjects with mild cognitive impairment. Molecular Psychiatry, 2017, 22, 153-160.	4.1	102

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19	Follow-up of loci from the International Genomics of Alzheimerâ€™s Disease Project identifies TRIP4 as a novel susceptibility gene. Translational Psychiatry, 2014, 4, e358-e358.	2.4	98
20	Six Novel Susceptibility Loci for Early-Onset Androgenetic Alopecia and Their Unexpected Association with Common Diseases. PLoS Genetics, 2012, 8, e1002746.	1.5	92
21	Hypomorphic mutations in POLR3A are a frequent cause of sporadic and recessive spastic ataxia. Brain, 2017, 140, 1561-1578.	3.7	85
22	Androgenetic Alopecia: Identification of Four Genetic Risk Loci and Evidence for the Contribution of WNT Signaling to Its Etiology. Journal of Investigative Dermatology, 2013, 133, 1489-1496.	0.3	83
23	Genome-wide association study of pathological gambling. European Psychiatry, 2016, 36, 38-46.	0.1	82
24	Association Between Loss-of-Function Mutations Within the FANCM Gene and Early-Onset Familial Breast Cancer. JAMA Oncology, 2017, 3, 1245.	3.4	74
25	A genome-wide association study identifies risk loci for childhood acute lymphoblastic leukemia at 10q26.13 and 12q23.1. Leukemia, 2017, 31, 573-579.	3.3	69
26	Differential Expression between Human Dermal Papilla Cells from Balding and Non-Balding Scalps Reveals New Candidate Genes for Androgenetic Alopecia. Journal of Investigative Dermatology, 2016, 136, 1559-1567.	0.3	59
27	PLD3 in non-familial Alzheimer's disease. Nature, 2015, 520, E3-E5.	13.7	58
28	Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. Nature Communications, 2017, 8, 14694.	5.8	58
29	Genome-wide association study identifies susceptibility loci for B-cell childhood acute lymphoblastic leukemia. Nature Communications, 2018, 9, 1340.	5.8	58
30	Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. Molecular Psychiatry, 2021, 26, 4179-4190.	4.1	58
31	DeepWAS: Multivariate genotype-phenotype associations by directly integrating regulatory information using deep learning. PLoS Computational Biology, 2020, 16, e1007616.	1.5	54
32	GBA and APOE Îµ4 associate with sporadic dementia with Lewy bodies in European genome wide association study. Scientific Reports, 2019, 9, 7013.	1.6	53
33	Genomeâ€wide CNV analysis in 221 unrelated patients and targeted highâ€throughput sequencing reveal novel causative candidate genes for colorectal adenomatous polyposis. International Journal of Cancer, 2015, 136, E578-89.	2.3	52
34	Susceptibility variants on chromosome 7p21.1 suggest HDAC9 as a new candidate gene for male-pattern baldness. British Journal of Dermatology, 2011, 165, 1293-1302.	1.4	50
35	Alzheimer's disease risk variants modulate endophenotypes in mild cognitive impairment. Alzheimer's and Dementia, 2016, 12, 872-881.	0.4	50
36	Genome-wide pooling approach identifies SPATA5 as a new susceptibility locus for alopecia areata. European Journal of Human Genetics, 2012, 20, 326-332.	1.4	48

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37	Hunting the genes in maleâ€pattern alopecia: how important are they, how close are we and what will they tell us?. Experimental Dermatology, 2016, 25, 251-257.	1.4	47
38	SUCLG2 identified as both a determinator of CSF AÎ²1â€“42 levels and an attenuator of cognitive decline in Alzheimer's disease. Human Molecular Genetics, 2014, 23, 6644-6658.	1.4	45
39	Prediction of male-pattern baldness from genotypes. European Journal of Human Genetics, 2016, 24, 895-902.	1.4	44
40	Genome-wide Association Study and Meta-Analysis Identify ISL1 as Genome-wide Significant Susceptibility Gene for Bladder Exstrophy. PLoS Genetics, 2015, 11, e1005024.	1.5	41
41	ISL1 is a major susceptibility gene for classic bladder exstrophy and a regulator of urinary tract development. Scientific Reports, 2017, 7, 42170.	1.6	41
42	Impact on birthÂweight of maternal smoking throughout pregnancy mediated by DNA methylation. BMC Genomics, 2018, 19, 290.	1.2	41
43	Expression profiling and bioinformatic analyses suggest new target genes and pathways for human hair follicle related microRNAs. BMC Dermatology, 2017, 17, 3.	2.1	35
44	Common variants in DLG1 locus are associated with nonâ€syndromic cleft lip with or without cleft palate. Clinical Genetics, 2018, 93, 784-793.	1.0	35
45	Investigation of the role of rare TREM2 variants in frontotemporal dementia subtypes. Neurobiology of Aging, 2014, 35, 2657.e13-2657.e19.	1.5	34
46	Investigation of SHANK3 in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 390-398.	1.1	34
47	Circulating microRNAs are associated with Pulmonary Hypertension and Development of Chronic Lung Disease in Congenital Diaphragmatic Hernia. Scientific Reports, 2018, 8, 10735.	1.6	34
48	Bipolar multiplex families have an increased burden of common risk variants for psychiatric disorders. Molecular Psychiatry, 2021, 26, 1286-1298.	4.1	33
49	Transethnic meta-analysis of rare coding variants in PLCG2, ABI3, and TREM2 supports their general contribution to Alzheimerâ€™s disease. Translational Psychiatry, 2019, 9, 55.	2.4	32
50	Association of Rare APOE Missense Variants V236E and R251G With Risk of Alzheimer Disease. JAMA Neurology, 2022, 79, 652.	4.5	31
51	Evidence for a polygenic contribution to androgenetic alopecia. British Journal of Dermatology, 2013, 169, 927-930.	1.4	30
52	Fine mapping of the human AR/EDA2R locus in androgenetic alopecia. British Journal of Dermatology, 2010, 162, 899-903.	1.4	29
53	Investigation of six novel susceptibility loci for male androgenetic alopecia in women with female pattern hair loss. Journal of Dermatological Science, 2013, 72, 186-188.	1.0	27
54	The influence of genetic variants in SORL1 gene on the manifestation of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 1605.e13-1605.e20.	1.5	27

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55	Hormonal regulation in male androgenetic alopeciaâ€"Sex hormones and beyond: Evidence from recent genetic studies. Experimental Dermatology, 2020, 29, 814-827.	1.4	27
56	Supportive evidence for <scp>FOXP</scp>1,<scp>BARX</scp>1, and <scp>FOXF</scp>1 as genetic risk loci for the development of esophageal adenocarcinoma. Cancer Medicine, 2015, 4, 1700-1704.	1.3	26
57	Arrayâ€based molecular karyotyping in 115 VATER/VACTERL and VATER/VACTERLâ€like patients identifies diseaseâ€causing copy number variations. Birth Defects Research, 2017, 109, 1063-1069.	0.8	26
58	Identification of transdiagnostic psychiatric disorder subtypes using unsupervised learning. Neuropsychopharmacology, 2021, 46, 1895-1905.	2.8	24
59	No Reliable Association between Runs of Homozygosity and Schizophrenia in a Well-Powered Replication Study. PLoS Genetics, 2016, 12, e1006343.	1.5	24
60	Investigation of four novel male androgenetic alopecia susceptibility loci: no association with female pattern hair loss. Archives of Dermatological Research, 2014, 306, 413-418.	1.1	23
61	Genome-wide significant risk factors on chromosome 19 and the APOE locus. Oncotarget, 2018, 9, 24590-24600.	0.8	22
62	Clinical and genetic differences between bipolar disorder type 1 and 2 in multiplex families. Translational Psychiatry, 2021, 11, 31.	2.4	22
63	Dissecting the genotype in syndromic intellectual disability using whole exome sequencing in addition to genome-wide copy number analysis. Human Genetics, 2013, 132, 825-841.	1.8	21
64	Genomewide analysis of copy number variants in alopecia areata in a <scp>C</scp>entral <scp>E</scp>uropean cohort reveals association with <scp>MCHR</scp>2. Experimental Dermatology, 2017, 26, 536-541.	1.4	21
65	Associations between SNPs and immune-related circulating proteins in schizophrenia. Scientific Reports, 2017, 7, 12586.	1.6	21
66	Regions of common inter-individual DNA methylation differences in human monocytes: genetic basis and potential function. Epigenetics and Chromatin, 2017, 10, 37.	1.8	20
67	Shared genetic etiology between alcohol dependence and major depressive disorder. Psychiatric Genetics, 2018, 28, 66-70.	0.6	19
68	Application of patientâ€derived liver cancer cells for phenotypic characterization and therapeutic target identification. International Journal of Cancer, 2019, 144, 2782-2794.	2.3	19
69	Variants ofDNMT3Acause transcript-specific DNA methylation patterns and affect hematopoiesis. Life Science Alliance, 2018, 1, e201800153.	1.3	16
70	Epigenome-wide association study of alcohol use disorder in five brain regions. Neuropsychopharmacology, 2022, 47, 832-839.	2.8	16
71	Adverse genomic alterations and stemness features are induced by field cancerization in the microenvironment of hepatocellular carcinomas. Oncotarget, 2017, 8, 48688-48700.	0.8	15
72	Microdeletions in 9q33.3-q34.11 in five patients with intellectual disability, microcephaly, and seizures of incomplete penetrance: is STXBP1 not the only causative gene?. Molecular Cytogenetics, 2015, 8, 72.	0.4	14

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73	Ginkgo biloba induces different gene expression signatures and oncogenic pathways in malignant and non-malignant cells of the liver. PLoS ONE, 2018, 13, e0209067.	1.1	13
74	Exploring Genetic Associations of Alzheimerâ€™s Disease Loci With Mild Cognitive Impairment Neurocognitive Endophenotypes. Frontiers in Aging Neuroscience, 2018, 10, 340.	1.7	12
75	Association of age-of-onset groups with GWAS significant schizophrenia and bipolar disorder loci in Romanian bipolar I patients. Psychiatry Research, 2015, 230, 964-967.	1.7	11
76	Generation of human induced pluripotent stem cell line from a patient with a long QT syndrome type 2. Stem Cell Research, 2016, 16, 304-307.	0.3	11
77	Genetic Contribution to Alcohol Dependence: Investigation of a Heterogeneous German Sample of Individuals with Alcohol Dependence, Chronic Alcoholic Pancreatitis, and Alcohol-Related Cirrhosis. Genes, 2017, 8, 183.	1.0	11
78	Nonsyndromic cleft palate: An association study at GWAS candidate loci in a multiethnic sample. Birth Defects Research, 2018, 110, 871-882.	0.8	11
79	Observations that suggest a contribution of altered dermal papilla mitochondrial function to androgenetic alopecia. Experimental Dermatology, 2022, 31, 906-917.	1.4	11
80	Multi-omics signatures of alcohol use disorder in the dorsal and ventral striatum. Translational Psychiatry, 2022, 12, 190.	2.4	11
81	Insights into Male Androgenetic Alopecia: Differential Gene Expression Profiling of PluckedÂHair Follicles and Integration with Genetic Data. Journal of Investigative Dermatology, 2019, 139, 235-238.	0.3	10
82	Polygenic risk for schizophrenia and schizotypal traits in non-clinical subjects. Psychological Medicine, 2022, 52, 1069-1079.	2.7	10
83	SUMO1 as a candidate gene for non-syndromic cleft lip with or without cleft palate: No evidence for the involvement of common or rare variants in Central European patients. International Journal of Pediatric Otorhinolaryngology, 2011, 75, 49-52.	0.4	9
84	Human exome and mouse embryonic expression data implicate ZFHX3, TRPS1, and CHD7 in human esophageal atresia. PLoS ONE, 2020, 15, e0234246.	1.1	9
85	No genetic support for a contribution of prostaglandins to the aetiology of androgenetic alopecia. British Journal of Dermatology, 2013, 169, 222-224.	1.4	8
86	Search for new loci and low-frequency variants influencing glioma risk by exome-array analysis. European Journal of Human Genetics, 2016, 24, 717-724.	1.4	8
87	Association between genetic variants of the cholinergic system and postoperative delirium and cognitive dysfunction in elderly patients. BMC Medical Genomics, 2021, 14, 248.	0.7	8
88	Immunochip-Based Analysis: High-Density Genotyping of Immune-Related Loci Sheds Further Light on the Autoimmune Genetic Architecture of Alopecia Areata. Journal of Investigative Dermatology, 2015, 135, 919-921.	0.3	7
89	Linkage and Association Analysis Identifies TRAF1 Influencing Common Carotid Intimaâ€“Media Thickness. Stroke, 2016, 47, 2904-2909.	1.0	7
90	Effects of a neurodevelopmental genes based polygenic risk score for schizophrenia and single gene variants on brain structure in non-clinical subjects: A preliminary report. Schizophrenia Research, 2019, 212, 225-228.	1.1	7

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91	Microdeletions IncludingFMR1in Three Female Patients with Intellectual Disability - Further Delineation of the Phenotype and Expression Studies. Molecular Syndromology, 2014, 5, 65-75.	0.3	6
92	The RAD51C exonic splice-site mutations c.404G>C and c.404G>T are associated with familial breast and ovarian cancer. European Journal of Cancer Prevention, 2017, 26, 165-169.	0.6	6
93	Glutamate concentration in the anterior cingulate cortex in alcohol dependence. Psychiatric Genetics, 2018, 28, 94-95.	0.6	6
94	Male-pattern baldness and incident coronary heart disease and risk factors in the Heinz Nixdorf Recall Study. PLoS ONE, 2019, 14, e0225521.	1.1	6
95	Mapping of cis-acting expression quantitative trait loci in human scalp hair follicles. BMC Dermatology, 2020, 20, 16.	2.1	6
96	Acquisition of chromosome 1q duplication in parental and genomeâ€edited humanâ€induced pluripotent stem cellâ€derived neural stem cells results in their higher proliferation rate in vitro and in vivo. Cell Proliferation, 2020, 53, e12892.	2.4	6
97	Sustained Immunoparalysis in Endotoxin-Tolerized Monocytic Cells. Mediators of Inflammation, 2020, 2020, 1-10.	1.4	6
98	â€œThe Heidelberg Fiveâ€personality dimensions: Genomeâ€wide associations, polygenic risk for neuroticism, and psychopathology 20â€‰years after assessment. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 77-89.	1.1	6
99	Genetic risk for psychiatric illness is associated with the number of hospitalizations of bipolar disorder patients. Journal of Affective Disorders, 2022, 296, 532-540.	2.0	6
100	Evidence for a functional interaction of WNT10A and EBF1 in male-pattern baldness. PLoS ONE, 2021, 16, e0256846.	1.1	6
101	Acquired Resistance to Antiangiogenic Therapies in Hepatocellular Carcinoma Is Mediated by Yesâ€Associated Protein 1 Activation and Transient Expansion of Stemâ€Like Cancer Cells. Hepatology Communications, 2022, 6, 1140-1156.	2.0	6
102	Association of the Polygenic Risk Score With the Probability of Prodromal Parkinsonâ€™s Disease in Older Adults. Frontiers in Molecular Neuroscience, 2021, 14, 739571.	1.4	6
103	MiRNA-149 as a Candidate for Facial Clefting and Neural Crest Cell Migration. Journal of Dental Research, 2022, 101, 323-330.	2.5	5
104	First genome-wide association study of esophageal atresia identifies three genetic risk loci at CTNNA3, FOXF1/FOXC2/FOXL1, and HNF1B. Human Genetics and Genomics Advances, 2022, 3, 100093.	1.0	4
105	A GWAS in Idiopathic/Unexplained Infertile Men Detects a Genomic Region Determining Follicle-Stimulating Hormone Levels. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2350-2361.	1.8	4
106	Systematic investigation of a potential epidemiological and genetic association between male androgenetic alopecia and COVIDâ€19. Skin Health and Disease, 2021, 1, e72.	0.7	3
107	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.	1.1	2
108	Genetically elevated highâ€density lipoprotein cholesterol through the cholesteryl ester transfer protein gene does not associate with risk of Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 595-598.	1.2	2

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109	The GPRC5A frameshift variant c.183del is not associated with increased breast cancer risk in BRCA1 mutation carriers. International Journal of Cancer, 2019, 144, 1761-1763.	2.3	2
110	Replication of a hippocampus specific effect of the tescalcin regulating variant rs7294919 on gray matter structure. European Neuropsychopharmacology, 2020, 36, 10-17.	0.3	2
111	Investigating the phenotypic and genetic associations between personality traits and suicidal behavior across major mental health diagnoses. European Archives of Psychiatry and Clinical Neuroscience, 2022, , 1.	1.8	2
112	Analysis of Rare Variants in the Alcohol Dependence Candidate Gene GATA 4. Alcoholism: Clinical and Experimental Research, 2016, 40, 1627-1632.	1.4	1
113	The functional relevance of DNMT3A splice variants in hematopoietic differentiation. Experimental Hematology, 2017, 53, S122.	0.2	1
114	O100 : The hepatic microenvironment induces a CSC phenotype and determines the prognosis of HCC patients. Journal of Hepatology, 2015, 62, S244.	1.8	0
115	202 MicroRNAs in the pathogenesis of male pattern baldness. Journal of Investigative Dermatology, 2016, 136, S195.	0.3	0
116	192 MicroRNAs and their regulatory interactions in the human hair follicle. Journal of Investigative Dermatology, 2016, 136, S194.	0.3	0
117	257 Is EBF1 a negative regulator of WNT10A in the development of androgenetic alopecia?. Journal of Investigative Dermatology, 2017, 137, S237.	0.3	0
118	268 Male-pattern baldness and its association with coronary heart disease. Journal of Investigative Dermatology, 2017, 137, S239.	0.3	0
119	Analysis of genetic impact on smell impairment in patients with hereditary angioedema typeÂ1 and 2. JDDG - Journal of the German Society of Dermatology, 2021, 19, 1060-1062.	0.4	0
120	Sequential (epi)genetic changes during liver cancer development and progression. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.2	0
121	Title is missing!. , 2020, 15, e0234246.		0
122	Title is missing!. , 2020, 15, e0234246.		0
123	Title is missing!. , 2020, 15, e0234246.		0
124	Title is missing!. , 2020, 15, e0234246.		0
125	Title is missing!. , 2020, 15, e0234246.		0
126	Title is missing!. , 2020, 15, e0234246.		0