

# Sian M J Hemmings

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

3,826  
citations

147566  
31  
h-index

138251  
58  
g-index

95  
all docs

95  
docs citations

95  
times ranked

6158  
citing authors

#	ARTICLE	IF	CITATIONS
1	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	5.8	363
2	Genome-wide association study of obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 788-798.	4.1	312
3	Partitioning the Heritability of Tourette Syndrome and Obsessive Compulsive Disorder Reveals Differences in Genetic Architecture. <i>PLoS Genetics</i> , 2013, 9, e1003864.	1.5	241
4	Brain-Derived Neurotrophic Factor (BDNF) protein levels in anxiety disorders: systematic review and meta-regression analysis. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 55.	1.0	166
5	The Microbiome in Posttraumatic Stress Disorder and Trauma-Exposed Controls: An Exploratory Study. <i>Psychosomatic Medicine</i> , 2017, 79, 936-946.	1.3	153
6	The Microbiota, Immunoregulation, and Mental Health: Implications for Public Health. <i>Current Environmental Health Reports</i> , 2016, 3, 270-286.	3.2	150
7	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Touretteâ€™s Syndrome and OCD. <i>American Journal of Psychiatry</i> , 2015, 172, 82-93.	4.0	117
8	Gender in obsessiveâ€™compulsive disorder: clinical and genetic findings. <i>European Neuropsychopharmacology</i> , 2004, 14, 105-113.	0.3	111
9	Copy Number Variation in Obsessive-Compulsive Disorder and Tourette Syndrome: A Cross-Disorder Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 910-919.	0.3	111
10	The Gut Microbiome and Mental Health: Implications for Anxiety- and Trauma-Related Disorders. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 90-107.	1.0	110
11	Hoarding in Obsessive-Compulsive Disorder. <i>Journal of Clinical Psychiatry</i> , 2005, 66, 1155-1160.	1.1	110
12	Cluster analysis of obsessive-compulsive spectrum disorders in patients with obsessive-compulsive disorder: clinical and genetic correlates. <i>Comprehensive Psychiatry</i> , 2005, 46, 14-19.	1.5	105
13	Early- versus late-onset obsessiveâ€™compulsive disorder: investigating genetic and clinical correlates. <i>Psychiatry Research</i> , 2004, 128, 175-182.	1.7	99
14	Dissociative experiences in obsessive-compulsive disorder and trichotillomania: Clinical and genetic findings. <i>Comprehensive Psychiatry</i> , 2004, 45, 384-391.	1.5	84
15	Investigating the role of dopaminergic and serotonergic candidate genes in obsessive-compulsive disorder. <i>European Neuropsychopharmacology</i> , 2003, 13, 93-98.	0.3	82
16	Big Effects of Small RNAs: A Review of MicroRNAs in Anxiety. <i>Molecular Neurobiology</i> , 2013, 47, 726-739.	1.9	80
17	A systematic review of genetic variants associated with metabolic syndrome in patients with schizophrenia. <i>Schizophrenia Research</i> , 2016, 170, 1-17.	1.1	79
18	The Current Status of Association Studies in Obsessive-Compulsive Disorder. <i>Psychiatric Clinics of North America</i> , 2006, 29, 411-444.	0.7	71

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19	The role of the brain-derived neurotrophic factor ( <i>BDNF</i> ) <i>val66met</i> variant in the phenotypic expression of obsessive-compulsive disorder (OCD). <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 1050-1062.	1.1	71
20	Host and Microbiome Genome-Wide Association Studies: Current State and Challenges. <i>Frontiers in Genetics</i> , 2018, 9, 637.	1.1	71
21	Investigating SAPAP3 variants in the etiology of obsessive-compulsive disorder and trichotillomania in the South African white population. <i>Comprehensive Psychiatry</i> , 2011, 52, 181-187.	1.5	67
22	Investigating the role of the brain-derived neurotrophic factor ( <i>BDNF</i> ) <i>val66met</i> variant in obsessive-compulsive disorder (OCD). <i>World Journal of Biological Psychiatry</i> , 2008, 9, 126-134.	1.3	65
23	Investigation of telomere length and psychological stress in rape victims. <i>Depression and Anxiety</i> , 2011, 28, 1081-1085.	2.0	51
24	Comorbid obsessive-compulsive personality disorder in obsessive-compulsive disorder (OCD): A marker of severity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1087-1092.	2.5	46
25	Genetics and personality traits in patients with social anxiety disorder: A case-control study in South Africa. <i>European Neuropsychopharmacology</i> , 2007, 17, 321-327.	0.3	44
26	Understanding posttraumatic stress disorder: insights from the methylome. <i>Genes, Brain and Behavior</i> , 2014, 13, 52-68.	1.1	44
27	<i>BDNF Val66Met</i> modifies the risk of childhood trauma on obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2013, 47, 1857-1863.	1.5	43
28	Epigenetic alterations associated with childhood trauma and adult mental health outcomes: A systematic review. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 493-512.	1.3	40
29	Neuroinflammatory genes associated with post-traumatic stress disorder. <i>Psychiatric Genetics</i> , 2017, 27, 1-16.	0.6	36
30	Investigating the Possible Effects of Trauma Experiences and $5\text{-HTT}$ on the Dissociative Experiences of Patients with OCD Using Path Analysis and Multiple Regression. <i>Neuropsychobiology</i> , 2007, 56, 6-13.	0.9	35
31	<i>BDNF Val66Met</i> and <i>DRD2 Taq1A</i> polymorphisms interact to influence PTSD symptom severity: A preliminary investigation in a South African population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 273-280.	2.5	34
32	Posttraumatic Stress Disorder, Overweight, and Obesity: A Systematic Review and Meta-analysis. <i>Harvard Review of Psychiatry</i> , 2016, 24, 271-293.	0.9	32
33	Dissecting the genetic association of C-reactive protein with PTSD, traumatic events, and social support. <i>Neuropsychopharmacology</i> , 2021, 46, 1071-1077.	2.8	32
34	Corrigendum to "Gender in obsessive-compulsive disorder: clinical and genetic findings" [ <i>Eur. Neuropsychopharmacol.</i> 14/2 (2004) 105-113]. <i>European Neuropsychopharmacology</i> , 2004, 14, 437-445.	0.3	31
35	Shorter Telomere Length - A Potential Susceptibility Factor for HIV-Associated Neurocognitive Impairments in South African Woman. <i>PLoS ONE</i> , 2013, 8, e58351.	1.1	31
36	Dopamine transporter binding in social anxiety disorder: the effect of treatment with escitalopram. <i>Metabolic Brain Disease</i> , 2012, 27, 151-158.	1.4	30

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37	Modification of the association between early adversity and obsessive-compulsive disorder by polymorphisms in the MAOA, MAOB and COMT genes. <i>Psychiatry Research</i> , 2016, 246, 527-532.	1.7	28
38	Letter to the Editor: Posttraumatic stress disorder has genetic overlap with cardiometabolic traits. <i>Psychological Medicine</i> , 2017, 47, 2036-2039.	2.7	27
39	Exploring the relationship between the gut microbiome and mental health outcomes in a posttraumatic stress disorder cohort relative to trauma-exposed controls. <i>European Neuropsychopharmacology</i> , 2022, 56, 24-38.	0.3	26
40	Natural compulsive-like behaviour in the deer mouse ( <i>Peromyscus maniculatus bairdii</i> ) is associated with altered gut microbiota composition. <i>European Journal of Neuroscience</i> , 2020, 51, 1419-1427.	1.2	25
41	5-HT2A: Its Role in Frontally Mediated Executive Function and Related Psychopathology. <i>CNS Spectrums</i> , 2007, 12, 512-516.	0.7	24
42	Genetic correlates in trichotillomania--A case-control association study in the South African Caucasian population. <i>Israel Journal of Psychiatry and Related Sciences</i> , 2006, 43, 93-101.	0.5	24
43	Childhood emotional neglect and oxytocin receptor variants: Association with limbic brain volumes. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 513-528.	1.3	22
44	Brain-derived neurotrophic factor Val66met polymorphism and plasma levels in road traffic accident survivors. <i>Anxiety, Stress and Coping</i> , 2016, 29, 616-629.	1.7	21
45	Appetitive and reactive aggression are differentially associated with the STin2 genetic variant in the serotonin transporter gene. <i>Scientific Reports</i> , 2018, 8, 6714.	1.6	20
46	Childhood trauma, the stress response and metabolic syndrome: A focus on DNA methylation. <i>European Journal of Neuroscience</i> , 2022, 55, 2253-2296.	1.2	19
47	A translational approach to the genetics of anxiety disorders. <i>Behavioural Brain Research</i> , 2018, 341, 91-97.	1.2	18
48	The impact of voluntary exercise on relative telomere length in a rat model of developmental stress. <i>BMC Research Notes</i> , 2012, 5, 697.	0.6	17
49	Hypothalamic-pituitary-adrenal axis variants and childhood trauma influence anxiety sensitivity in South African adolescents. <i>Metabolic Brain Disease</i> , 2018, 33, 601-613.	1.4	13
50	Polymorphisms within the neuronal cadherin (CDH2) gene are associated with obsessive-compulsive disorder (OCD) in a South African cohort. <i>Metabolic Brain Disease</i> , 2016, 31, 191-196.	1.4	12
51	MicroRNA Expression Varies according to Glucose Tolerance, Measurement Platform, and Biological Source. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	12
52	Childhood maltreatment and HIV-associated neurocognitive disorders share similar pathophysiology: a potential sensitisation mechanism?. <i>Metabolic Brain Disease</i> , 2017, 32, 1717-1733.	1.4	11
53	Association between serotonin transporter gene polymorphisms and increased suicidal risk among HIV positive patients in Uganda. <i>BMC Genetics</i> , 2017, 18, 71.	2.7	10
54	Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 678503.	1.4	10

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55	Risk and protective factors affecting the symptom trajectory of posttraumatic stress disorder post-rape. <i>Journal of Affective Disorders</i> , 2022, 309, 151-164.	2.0	10
56	The Big Role of Small RNAs in Anxiety and Stress-Related Disorders. <i>Vitamins and Hormones</i> , 2017, 103, 85-129.	0.7	8
57	DNA methylation and psychotherapy response in trauma-exposed men with appetitive aggression. <i>Psychiatry Research</i> , 2021, 295, 113608.	1.7	8
58	Symmetry symptoms in obsessive-compulsive disorder: clinical and genetic correlates. <i>Revista Brasileira De Psiquiatria</i> , 2016, 38, 17-23.	0.9	7
59	Pathologic grooming (acne excoriee, trichotillomania, and nail biting) in 4 generations of a single family. <i>JAAD Case Reports</i> , 2016, 2, 51-53.	0.4	7
60	Molecular mechanisms of D-cycloserine in facilitating fear extinction: insights from RNAseq. <i>Metabolic Brain Disease</i> , 2016, 31, 135-156.	1.4	7
61	Shedding Light on the Transcriptomic Dark Matter in Biological Psychiatry: Role of Long Noncoding RNAs in D-cycloserine-Induced Fear Extinction in Posttraumatic Stress Disorder. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 352-369.	1.0	7
62	Internalizing Mental Disorders and Accelerated Cellular Aging Among Perinatally HIV-Infected Youth in Uganda. <i>Frontiers in Genetics</i> , 2019, 10, 705.	1.1	6
63	A Genome-Wide Association Study and Polygenic Risk Score Analysis of Posttraumatic Stress Disorder and Metabolic Syndrome in a South African Population. <i>Frontiers in Neuroscience</i> , 2021, 15, 677800.	1.4	6
64	The role of microRNAs in the therapeutic action of D-cycloserine in a post-traumatic stress disorder animal model. <i>Psychiatric Genetics</i> , 2017, 27, 139-151.	0.6	6
65	Serotonin transporter variants play a role in anxiety sensitivity in South African adolescents. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 66-75.	1.3	5
66	No gene-by-environment interaction of BDNF Val66Met polymorphism and childhood maltreatment on anxiety sensitivity in a mixed race adolescent sample. <i>HÅg're Utbildning</i> , 2018, 9, 1472987.	1.4	5
67	TERT rs2736100 and TERC rs16847897 genotypes moderate the association between internalizing mental disorders and accelerated telomere length attrition among HIV+ children and adolescents in Uganda. <i>BMC Medical Genomics</i> , 2021, 14, 15.	0.7	5
68	HPA-axis genes as potential risk variants for neurocognitive decline in trauma-exposed, HIV-positive females. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 2497-2504.	1.0	4
69	Genetic variation in neuropeptide Y interacts with childhood trauma to influence anxiety sensitivity. <i>Anxiety, Stress and Coping</i> , 2021, 34, 450-464.	1.7	4
70	RNA-seq analysis of gene expression profiles in posttraumatic stress disorder, Parkinson's disease and schizophrenia identifies roles for common and distinct biological pathways. <i>Discover Mental Health</i> , 2022, 2, .	1.0	4
71	Attitudes among South African university staff and students towards disclosing secondary genetic findings. <i>Journal of Community Genetics</i> , 2021, 12, 171-184.	0.5	3
72	Longitudinal telomere length profile does not reflect HIV and childhood trauma impacts on cognitive function in South African women. <i>Journal of NeuroVirology</i> , 2021, 27, 735-749.	1.0	3

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73	Disentangling sex differences in the shared genetic architecture of posttraumatic stress disorder, traumatic experiences, and social support with body size and composition. <i>Neurobiology of Stress</i> , 2021, 15, 100400.	1.9	3
74	Trichotillomania: An Obsessive-Compulsive Spectrum Disorder?. , 2005, , 151-161.		2
75	Childhood trauma interacts with ApoE to influence neurocognitive function in women living with HIV. <i>Journal of NeuroVirology</i> , 2019, 25, 183-193.	1.0	2
76	The 5-HTTLPR-rs25531 S-A-S-A Haplotype and Chronic Stress Moderate the Association Between Acute Stress and Internalizing Mental Disorders Among HIV+ Children and Adolescents in Uganda. <i>Frontiers in Genetics</i> , 2021, 12, 649055.	1.1	2
77	Associations between telomere length and symptoms of posttraumatic stress disorder and appetitive aggression in trauma-exposed men. <i>Neuroscience Letters</i> , 2022, 769, 136388.	1.0	2
78	Childhood trauma but not FKBP5 gene variants associated with peritraumatic dissociation in female rape survivors. <i>European Journal of Trauma and Dissociation</i> , 2018, 2, 125-129.	0.6	1
79	Genome-wide differentially methylated genes associated with post-traumatic stress disorder in female rape survivors. <i>South African Journal of Psychiatry</i> , 2018, 24, .	0.2	1
80	S22THE EFFECT OF ALCOHOL ON THE GUT MICROBIOME OF PREGNANT WOMEN. <i>European Neuropsychopharmacology</i> , 2019, 29, S125.	0.3	1
81	The effect of childhood trauma, ApoE genotype and HIV-1 viral protein R variants on change in cognitive performance. <i>BMC Research Notes</i> , 2019, 12, 828.	0.6	1
82	550. Delineating Transcriptomic Profiles in PTSD: An RNAseq Investigation. <i>Biological Psychiatry</i> , 2017, 81, S222-S223.	0.7	0
83	796. The Influence of Childhood Trauma, Major Depressive Disorder and Telomere Length on HIV-Associated Neurocognitive Disorders. <i>Biological Psychiatry</i> , 2017, 81, S323-S324.	0.7	0
84	Childhood trauma and genetic variation in the DAT 40-bp VNTR contribute to HIV-associated neurocognitive disorders. <i>IBRO Neuroscience Reports</i> , 2022, 12, 45-54.	0.7	0