

Frank R Wendt

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,642
citations

361413

20
h-index

377865

34
g-index

109
all docs

109
docs citations

109
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-ancestral depression GWAS in the Million Veteran Program and meta-analysis in >1.2 million individuals highlight new therapeutic directions. <i>Nature Neuroscience</i> , 2021, 24, 954-963.	14.8	207
2	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020, 7, 1032-1045.	7.4	200
3	Genome-wide association analyses of post-traumatic stress disorder and its symptom subdomains in the Million Veteran Program. <i>Nature Genetics</i> , 2021, 53, 174-184.	21.4	121
4	Targeted sequencing of clade-specific markers from skin microbiomes for forensic human identification. <i>Forensic Science International: Genetics</i> , 2018, 32, 50-61.	3.1	69
5	Genetic analysis of the Yavapai Native Americans from West-Central Arizona using the Illumina MiSeq FGx, a forensic genomics system. <i>Forensic Science International: Genetics</i> , 2016, 24, 18-23.	3.1	68
6	Flanking region variation of ForenSeq, a DNA Signature Prep Kit STR and SNP loci in Yavapai Native Americans. <i>Forensic Science International: Genetics</i> , 2017, 28, 146-154.	3.1	60
7	Integrative genomic analyses identify susceptibility genes underlying COVID-19 hospitalization. <i>Nature Communications</i> , 2021, 12, 4569.	12.8	47
8	Forensic human identification with targeted microbiome markers using nearest neighbor classification. <i>Forensic Science International: Genetics</i> , 2019, 38, 130-139.	3.1	45
9	STRait Razor v2s: Advancing sequence-based STR allele reporting and beyond to other marker systems. <i>Forensic Science International: Genetics</i> , 2017, 29, 21-28.	3.1	39
10	Increasing the reference populations for the 55 AISNP panel: the need and benefits. <i>International Journal of Legal Medicine</i> , 2017, 131, 913-917.	2.2	38
11	Evaluation of the precision ID mtDNA whole genome panel on two massively parallel sequencing systems. <i>Forensic Science International: Genetics</i> , 2018, 36, 213-224.	3.1	35
12	Evaluation of the RapidHIT, a 200, an automated human identification system for STR analysis of single source samples. <i>Forensic Science International: Genetics</i> , 2015, 14, 76-85.	3.1	33
13	Dissecting the genetic association of C-reactive protein with PTSD, traumatic events, and social support. <i>Neuropsychopharmacology</i> , 2021, 46, 1071-1077.	5.4	32
14	Sex-stratified gene-by-environment genome-wide interaction study of trauma, posttraumatic-stress, and suicidality. <i>Neurobiology of Stress</i> , 2021, 14, 100309.	4.0	32
15	<i>APOL1</i> Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program. <i>JAMA Internal Medicine</i> , 2022, 182, 386.	5.1	31
16	Multivariate genome-wide analysis of education, socioeconomic status and brain phenome. <i>Nature Human Behaviour</i> , 2021, 5, 482-496.	12.0	30
17	Massively parallel sequencing of 68 insertion/deletion markers identifies novel microhaplotypes for utility in human identity testing. <i>Forensic Science International: Genetics</i> , 2016, 25, 198-209.	3.1	29
18	Heterogeneity and Polygenicity in Psychiatric Disorders: A Genome-Wide Perspective. <i>Chronic Stress</i> , 2020, 4, 247054702092484.	3.4	26

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19	Increasing the reach of forensic genetics with massively parallel sequencing. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 342-349.	1.4	25
20	Characterizing the effect of background selection on the polygenicity of brain-related traits. <i>Genomics</i> , 2021, 113, 111-119.	2.9	24
21	Development and validation of a novel multiplexed DNA analysis system, InnoTyper [®] 21. <i>Forensic Science International: Genetics</i> , 2017, 29, 80-99.	3.1	23
22	Expanding beyond the current core STR loci: An exploration of 73 STR markers with increased diversity for enhanced DNA mixture deconvolution. <i>Forensic Science International: Genetics</i> , 2019, 38, 121-129.	3.1	23
23	Using phenotype risk scores to enhance gene discovery for generalized anxiety disorder and posttraumatic stress disorder. <i>Molecular Psychiatry</i> , 2022, 27, 2206-2215.	7.9	22
24	Multi-environment gene interactions linked to the interplay between polysubstance dependence and suicidality. <i>Translational Psychiatry</i> , 2021, 11, 34.	4.8	20
25	Attachment Style Moderates Polygenic Risk for Posttraumatic Stress in United States Military Veterans: Results From the National Health and Resilience in Veterans Study. <i>Biological Psychiatry</i> , 2021, 89, 878-887.	1.3	19
26	An Atlas of Genetic Correlations and Genetically Informed Associations Linking Psychiatric and Immune-Related Phenotypes. <i>JAMA Psychiatry</i> , 2022, 79, 667.	11.0	19
27	Analysis of Short Tandem Repeat and Single Nucleotide Polymorphism Loci From Single-Source Samples Using a Custom HaloPlex Target Enrichment System Panel. <i>American Journal of Forensic Medicine and Pathology</i> , 2016, 37, 99-107.	0.8	16
28	Genetically regulated multi-omics study for symptom clusters of posttraumatic stress disorder highlights pleiotropy with hematologic and cardio-metabolic traits. <i>Molecular Psychiatry</i> , 2022, 27, 1394-1404.	7.9	15
29	Deciphering the Biological Mechanisms Underlying the Genome-Wide Associations between Computerized Device Use and Psychiatric Disorders. <i>Journal of Clinical Medicine</i> , 2019, 8, 2040.	2.4	14
30	Potential causal effect of posttraumatic stress disorder on alcohol use disorder and alcohol consumption in individuals of European descent: A Mendelian Randomization Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1616-1623.	2.4	14
31	Copan microFLOQ [®] Direct Swab collection of bloodstains, saliva, and semen on cotton cloth. <i>International Journal of Legal Medicine</i> , 2020, 134, 45-54.	2.2	13
32	Drinking and smoking polygenic risk is associated with childhood and early-adulthood psychiatric and behavioral traits independently of substance use and psychiatric genetic risk. <i>Translational Psychiatry</i> , 2021, 11, 586.	4.8	12
33	Full-gene haplotypes refine CYP2D6 metabolizer phenotype inferences. <i>International Journal of Legal Medicine</i> , 2018, 132, 1007-1024.	2.2	11
34	Identity informative SNP associations in the UK Biobank. <i>Forensic Science International: Genetics</i> , 2019, 42, 45-48.	3.1	10
35	Posttraumatic stress disorder: from gene discovery to disease biology. <i>Psychological Medicine</i> , 2021, 51, 2178-2188.	4.5	9
36	Psychosocial moderators of polygenic risk for suicidal ideation: Results from a 7-year population-based, prospective cohort study of U.S. veterans. <i>Molecular Psychiatry</i> , 2022, 27, 1068-1074.	7.9	9

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37	Supervised Classification of CYP2D6 Genotype and Metabolizer Phenotype With Postmortem Tramadol-Exposed Finns. <i>American Journal of Forensic Medicine and Pathology</i> , 2019, 40, 8-18.	0.8	8
38	Polygenic risk for autism spectrum disorder associates with anger recognition in a neurodevelopment-focused phenome-wide scan of unaffected youths from a population-based cohort. <i>PLoS Genetics</i> , 2020, 16, e1009036.	3.5	8
39	Role of microbes in the pathogenesis of neuropsychiatric disorders. <i>Frontiers in Neuroendocrinology</i> , 2021, 62, 100917.	5.2	8
40	Genetically-regulated transcriptomics & copy number variation of proctitis points to altered mitochondrial and DNA repair mechanisms in individuals of European ancestry. <i>BMC Cancer</i> , 2020, 20, 954.	2.6	7
41	Epigenomic Profiles of African-American Transthyretin Val122Ile Carriers Reveals Putatively Dysregulated Amyloid Mechanisms. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003011.	3.6	7
42	Investigation of convergent and divergent genetic influences underlying schizophrenia and alcohol use disorder. <i>Psychological Medicine</i> , 2023, 53, 1196-1204.	4.5	7
43	Attachment style moderates polygenic risk for incident posttraumatic stress in U.S. military veterans: A 7-year, nationally representative, prospective cohort study. <i>Biological Psychiatry</i> , 2021, , .	1.3	7
44	Evaluation of InnoTyper® 21 in a sample of Rio de Janeiro population as an alternative forensic panel. <i>International Journal of Legal Medicine</i> , 2018, 132, 149-151.	2.2	6
45	Investigating Causality Between Blood Metabolites and Emotional and Behavioral Responses to Traumatic Stress: a Mendelian Randomization Study. <i>Molecular Neurobiology</i> , 2020, 57, 1542-1552.	4.0	6
46	Cross-ancestry genome-wide association studies identified heterogeneous loci associated with differences of allele frequency and regulome tagging between participants of European descent and other ancestry groups from the UK Biobank. <i>Human Molecular Genetics</i> , 2021, 30, 1457-1467.	2.9	6
47	Inhibition of DNA amplification caused by metal in extracted bloodstains and in direct amplification. <i>Forensic Science International: Genetics</i> , 2021, 55, 102598.	3.1	6
48	Ancestry may confound genetic machine learning: Candidate-gene prediction of opioid use disorder as an example. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109115.	3.2	6
49	Host Genetic Liability for Severe COVID-19 Associates with Alcohol Drinking Behavior and Diabetic Outcomes in Participants of European Descent. <i>Frontiers in Genetics</i> , 2021, 12, 765247.	2.3	6
50	Biobank Scale Pharmacogenomics Informs the Genetic Underpinnings of Simvastatin Use. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 777-785.	4.7	5
51	Polygenic risk for traumatic loss-related PTSD in US military veterans: Protective effect of secure attachment style. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 792-799.	2.6	5
52	Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru. <i>PLoS ONE</i> , 2020, 15, e0244497.	2.5	5
53	Predicted activity of UGT2B7, ABCB1, OPRM1, and COMT using full-gene haplotypes and their association with the CYP2D6-inferred metabolizer phenotype. <i>Forensic Science International: Genetics</i> , 2018, 33, 48-58.	3.1	4
54	A pathway-driven predictive model of tramadol pharmacogenetics. <i>European Journal of Human Genetics</i> , 2019, 27, 1143-1156.	2.8	4

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55	Pleiotropic effects of telomere length loci with brain morphology and brain tissue expression. <i>Human Molecular Genetics</i> , 2021, 30, 1360-1370.	2.9	4
56	ACE2 Netlas: In silico Functional Characterization and Drug-Gene Interactions of ACE2 Gene Network to Understand Its Potential Involvement in COVID-19 Susceptibility. <i>Frontiers in Genetics</i> , 2021, 12, 698033.	2.3	4
57	High-throughput DNA sequencing of environmentally insulted latent fingerprints after visualization with nanoscale columnar-thin-film technique. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021, 61, 505-515.	2.1	4
58	The association of obesity-related traits on COVID-19 severity and hospitalization is affected by socio-economic status: a multivariable Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2022, 51, 1371-1383.	1.9	4
59	A genome-wide association study of tramadol metabolism from post-mortem samples. <i>Pharmacogenomics Journal</i> , 2020, 20, 94-103.	2.0	3
60	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.	4.0	3
61	Polygenic scores for empathy associate with posttraumatic stress severity in response to certain traumatic events. <i>Neurobiology of Stress</i> , 2022, 17, 100439.	4.0	3
62	Pharmacogenetics and the postmortem molecular autopsy. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2020, 2, .	2.1	2
63	Education and Socioeconomic Status Mask the Identification of Brain Cell Types in GWAS of Mental Health and Disease. <i>Biological Psychiatry</i> , 2020, 87, S110.	1.3	1
64	Complex Multi-Environment Gene Interactions at the Basis of the Interplay Between Polysubstance Abuse and Suicide Behaviors. <i>Biological Psychiatry</i> , 2020, 87, S155.	1.3	1
65	Allele frequencies and minor contributor match statistic convergence using simulated population replicates. <i>International Journal of Legal Medicine</i> , 2022, 136, 1227-1235.	2.2	1
66	The integration of genetically-regulated transcriptomics and electronic health records highlights a pattern of medical outcomes related to increased hepatic <i>transferrin</i> expression. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2022, 29, 110-119.	3.0	1
67	Exploring the 1000 Genomes Project haplotype reporting for the CYP2D6 pharmacogene. <i>International Journal of Legal Medicine</i> , 2019, 133, 807-810.	2.2	0
68	T171. Implication of FOXP2 and DRD2 in the Associations Between Computerized Device Use and Psychiatric Disorders. <i>Biological Psychiatry</i> , 2019, 85, S195-S196.	1.3	0
69	155. Metabolome-Wide Mendelian Randomization Analysis of Trauma Response. <i>Biological Psychiatry</i> , 2019, 85, S64-S65.	1.3	0
70	Telomeric Tales: Genetic Interplay of Telomere Length, Brain Morphology, and Brain Transcriptomics. <i>Biological Psychiatry</i> , 2020, 87, S227.	1.3	0
71	Integrative analyses identify genes and their functional consequences underlying COVID-19 hospitalization. <i>Molecular Genetics and Metabolism</i> , 2021, 132, S215.	1.1	0
72	Abstract 357: DNA Methylation Profiles of African American Val122Ile-Transferrin Mutation Carriers Reveals Genes Involved in Amyloidosis Regulation. <i>Circulation Research</i> , 2020, 127, .	4.5	0

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73	Title is missing!. , 2020, 16, e1009036.		0
74	Title is missing!. , 2020, 16, e1009036.		0
75	Title is missing!. , 2020, 16, e1009036.		0
76	Title is missing!. , 2020, 16, e1009036.		0
77	P15. Loci Harboring De Novo Tandem Repeat Mutations in UK Biobank Exomes Associate With Recreational Substance Use. Biological Psychiatry, 2022, 91, S93-S94.	1.3	0