Guia Guffanti

List of Publications by Year in Descending Order

36 papers	**1,463** citations	**19** h-index	**38** g-index
38 ext. papers	**1,877** ext. citations	**6.1** avg, IF	**3.87** L-index

#	Paper	IF	Citations
36	Pre-deployment risk factors for PTSD in active-duty personnel deployed to Afghanistan: a machine-learning approach for analyzing multivariate predictors. *Molecular Psychiatry*, **2021**, 26, 5011-5022	15.1	21
35	Transcriptome-wide association study of post-trauma symptom trajectories identified GRIN3B as a potential biomarker for PTSD development. *Neuropsychopharmacology*, **2021**, 46, 1811-1820	8.7	4
34	Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. *Frontiers in Neuroscience*, **2021**, 15, 678503	5.1	1
33	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. *Biological Psychiatry*, **2021**,	7.9	3
32	A prospective examination of sex differences in posttraumatic autonomic functioning. *Neurobiology of Stress*, **2021**, 15, 100384	7.6	3
31	Genomic influences on self-reported childhood maltreatment. *Translational Psychiatry*, **2020**, 10, 38	8.6	20
30	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRR. *Nature Communications*, **2020**, 11, 5965	17.4	34
29	Multi-omic biomarker identification and validation for diagnosing warzone-related post-traumatic stress disorder. *Molecular Psychiatry*, **2020**, 25, 3337-3349	15.1	34
28	Depression genetic risk score is associated with anhedonia-related markers across units of analysis. *Translational Psychiatry*, **2019**, 9, 236	8.6	7
27	Polygenic risk associated with post-traumatic stress disorder onset and severity. *Translational Psychiatry*, **2019**, 9, 165	8.6	12
26	The Distinctiveness of Grief, Depression, and Posttraumatic Stress: Lessons From Children After 9/11. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2019**, 58, 971-982	7.2	18
25	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. *Nature Communications*, **2019**, 10, 4558	17.4	151
24	Noncoding RNAs: Stress, Glucocorticoids, and Posttraumatic Stress Disorder. *Biological Psychiatry*, **2018**, 83, 849-865	7.9	40
23	Serine Racemase and D-serine in the Amygdala Are Dynamically Involved in Fear Learning. *Biological Psychiatry*, **2018**, 83, 273-283	7.9	17
22	Effects of Serotonin Transporter Gene Variation on Impulsivity Mediated by Default Mode Network: A Family Study of Depression. *Cerebral Cortex*, **2018**, 28, 1911-1921	5.1	13
21	Comorbidity classes and associated impairment, demographics and 9/11-exposures in 8,236 children and adolescents. *Journal of Psychiatric Research*, **2018**, 96, 171-177	5.2	5
20	FKBP5 DNA methylation does not mediate the association between childhood maltreatment and depression symptom severity in the Detroit Neighborhood Health Study. *Journal of Psychiatric Research*, **2018**, 96, 39-48	5.2	33

19	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. *Molecular Biology and Evolution*, **2018**, 35, 2435-2453	8.3	23
18	Epigenome-wide association of PTSD from heterogeneous cohorts with a common multi-site analysis pipeline. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2017**, 174, 619-630	3.5	53
17	Multivariate Methods for Genetic Variants Selection and Risk Prediction in Cardiovascular Diseases. *Frontiers in Cardiovascular Medicine*, **2016**, 3, 17	5.4	7
16	Epigenetic mechanisms and associated brain circuits in the regulation of positive emotions: A role for transposable elements. *Journal of Comparative Neurology*, **2016**, 524, 2944-54	3.4	6
15	Homogeneity of Severe Posttraumatic Stress Disorder Symptom Profiles in Children and Adolescents Across Gender, Age, and Traumatic Experiences Related to 9/11. *Journal of Traumatic Stress*, **2016**, 29, 430-439	3.8	7
14	LINE1 insertions as a genomic risk factor for schizophrenia: Preliminary evidence from an affected family. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 534-45	3.5	26
13	An analysis of gene expression in PTSD implicates genes involved in the glucocorticoid receptor pathway and neural responses to stress. *Psychoneuroendocrinology*, **2015**, 57, 1-13	5	60
12	Genetic variants within the serotonin transporter associated with familial risk for major depression. *Psychiatry Research*, **2015**, 228, 170-3	9.9	11
11	Transposable elements and psychiatric disorders. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2014**, 165B, 201-16	3.5	29
10	Genome-wide association study implicates a novel RNA gene, the lincRNA AC068718.1, as a risk factor for post-traumatic stress disorder in women. *Psychoneuroendocrinology*, **2013**, 38, 3029-38	5	92
9	Increased CNV-region deletions in mild cognitive impairment (MCI) and Alzheimer's disease (AD) subjects in the ADNI sample. *Genomics*, **2013**, 102, 112-22	4.3	21
8	Population Stratification Analysis in Genome-Wide Association Studies **2011**, 177-196		
7	Identifying gene regulatory networks in schizophrenia. *NeuroImage*, **2010**, 53, 839-47	7.9	88
6	Association between mitochondrial DNA variations and Alzheimer's disease in the ADNI cohort. *Neurobiology of Aging*, **2010**, 31, 1355-63	5.6	75
5	Hippocampal atrophy as a quantitative trait in a genome-wide association study identifying novel susceptibility genes for Alzheimer's disease. *PLoS ONE*, **2009**, 4, e6501	3.7	269
4	Genome-wide strategies for discovering genetic influences on cognition and cognitive disorders: methodological considerations. *Cognitive Neuropsychiatry*, **2009**, 14, 391-418	2	83
3	A genome-wide association study of schizophrenia using brain activation as a quantitative phenotype. *Schizophrenia Bulletin*, **2009**, 35, 96-108	1.3	179
2	SNPLims: a data management system for genome wide association studies. *BMC Bioinformatics*, **2008**, 9 Suppl 2, S13	3.6	14

Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies novel methylation loci