

# Torsten Klengel

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

8,076  
citations

109137

35  
h-index

155451

55  
g-index

74  
all docs

74  
docs citations

74  
times ranked

11143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allele-specific FKBP5 DNA demethylation mediates gene-childhood trauma interactions. <i>Nature Neuroscience</i> , 2013, 16, 33-41.	7.1	1,216
2	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , 2015, 6, 8570.	5.8	533
3	Holocaust Exposure Induced Intergenerational Effects on FKBP5 Methylation. <i>Biological Psychiatry</i> , 2016, 80, 372-380.	0.7	532
4	Childhood maltreatment is associated with distinct genomic and epigenetic profiles in posttraumatic stress disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8302-8307.	3.3	482
5	Fungal Adenylyl Cyclase Integrates CO <sub>2</sub> Sensing with cAMP Signaling and Virulence. <i>Current Biology</i> , 2005, 15, 2021-2026.	1.8	372
6	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
7	Peripheral blood gene expression: it all boils down to the RNA collection tubes. <i>BMC Research Notes</i> , 2012, 5, 1.	0.6	325
8	DNA extracted from saliva for methylation studies of psychiatric traits: Evidence tissue specificity and relatedness to brain. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 36-44.	1.1	281
9	Epigenetics of Stress-Related Psychiatric Disorders and Gene-Environment Interactions. <i>Neuron</i> , 2015, 86, 1343-1357.	3.8	271
10	The role of DNA methylation in stress-related psychiatric disorders. <i>Neuropharmacology</i> , 2014, 80, 115-132.	2.0	258
11	Accelerated neurodegeneration through chaperone-mediated oligomerization of tau. <i>Journal of Clinical Investigation</i> , 2013, 123, 4158-4169.	3.9	246
12	Accounting for Population Stratification in DNA Methylation Studies. <i>Genetic Epidemiology</i> , 2014, 38, 231-241.	0.6	207
13	Sensitive Periods for the Effect of Childhood Adversity on DNA Methylation: Results From a Prospective, Longitudinal Study. <i>Biological Psychiatry</i> , 2019, 85, 838-849.	0.7	203
14	Using Polymorphisms in FKBP5 to Define Biologically Distinct Subtypes of Posttraumatic Stress Disorder. <i>Archives of General Psychiatry</i> , 2011, 68, 901.	13.8	186
15	<i>Cryptococcus neoformans</i> Senses CO <sub>2</sub> through the Carbonic Anhydrase Can2 and the Adenylyl Cyclase Cac1. <i>Eukaryotic Cell</i> , 2006, 5, 103-111.	3.4	156
16	Epigenomic association analysis identifies smoking-related DNA methylation sites in African Americans. <i>Human Genetics</i> , 2013, 132, 1027-1037.	1.8	153
17	Dexamethasone Stimulated Gene Expression in Peripheral Blood is a Sensitive Marker for Glucocorticoid Receptor Resistance in Depressed Patients. <i>Neuropsychopharmacology</i> , 2012, 37, 1455-1464.	2.8	146
18	Glucocorticoid exposure during hippocampal neurogenesis primes future stress response by inducing changes in DNA methylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23280-23285.	3.3	141

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19	The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23329-23335.	3.3	140
20	Exposure to Violence Accelerates Epigenetic Aging in Children. Scientific Reports, 2017, 7, 8962.	1.6	131
21	Genetic variation in <sc>FKBP5</sc> associated with the extent of stress hormone dysregulation in major depression. Genes, Brain and Behavior, 2013, 12, 289-296.	1.1	127
22	Epigenetic mechanisms underlying learning and the inheritance of learned behaviors. Trends in Neurosciences, 2015, 38, 96-107.	4.2	105
23	Genetic Differences in the Immediate Transcriptome Response to Stress Predict Risk-Related Brain Function and Psychiatric Disorders. Neuron, 2015, 86, 1189-1202.	3.8	102
24	Epigenetic and genetic variation at SKA2 predict suicidal behavior and post-traumatic stress disorder. Translational Psychiatry, 2015, 5, e627-e627.	2.4	100
25	Dexamethasone Treatment Leads to Enhanced Fear Extinction and Dynamic Fkbp5 Regulation in Amygdala. Neuropsychopharmacology, 2016, 41, 832-846.	2.8	98
26	Gene-Environment Interactions in Major Depressive Disorder. Canadian Journal of Psychiatry, 2013, 58, 76-83.	0.9	94
27	Differential Genetic and Epigenetic Regulation of catechol-O-methyltransferase is Associated with Impaired Fear Inhibition in Posttraumatic Stress Disorder. Frontiers in Behavioral Neuroscience, 2013, 7, 30.	1.0	93
28	Models of Intergenerational and Transgenerational Transmission of Risk for Psychopathology in Mice. Neuropsychopharmacology, 2016, 41, 219-231.	2.8	91
29	DICER1 and microRNA regulation in post-traumatic stress disorder with comorbid depression. Nature Communications, 2015, 6, 10106.	5.8	81
30	Age-Associated Epigenetic Upregulation of the FKBP5 Gene Selectively Impairs Stress Resiliency. PLoS ONE, 2014, 9, e107241.	1.1	79
31	Genome-Wide Association Study of Antidepressant Treatment-Emergent Suicidal Ideation. Neuropsychopharmacology, 2012, 37, 797-807.	2.8	76
32	FKBP5 Allele-Specific Epigenetic Modification in Gene by Environment Interaction. Neuropsychopharmacology, 2015, 40, 244-246.	2.8	66
33	Epigenetics, Depression and Antidepressant Treatment. Current Pharmaceutical Design, 2012, 18, 5879-5889.	0.9	62
34	Intergenerational Effects of Maternal Holocaust Exposure on <i>FKBP5</i> Methylation. American Journal of Psychiatry, 2020, 177, 744-753.	4.0	49
35	Allele-specific epigenetic modification: a molecular mechanism for gene-environment interactions in stress-related psychiatric disorders?. Epigenomics, 2013, 5, 109-112.	1.0	46
36	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. Cell Reports, 2020, 31, 107716.	2.9	44

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37	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. <i>Molecular Biology and Evolution</i> , 2018, 35, 2435-2453.	3.5	43
38	Molecular signature of extracellular matrix pathology in schizophrenia. <i>European Journal of Neuroscience</i> , 2021, 53, 3960-3987.	1.2	42
39	Mineralocorticoid receptors dampen glucocorticoid receptor sensitivity to stress via regulation of FKBP5. <i>Cell Reports</i> , 2021, 35, 109185.	2.9	42
40	An integrated -omics analysis of the epigenetic landscape of gene expression in human blood cells. <i>BMC Genomics</i> , 2018, 19, 476.	1.2	35
41	RNA expression profiling in depressed patients suggests retinoid-related orphan receptor alpha as a biomarker for antidepressant response. <i>Translational Psychiatry</i> , 2015, 5, e538-e538.	2.4	34
42	Resistance to antidepressant treatment is associated with polymorphisms in the leptin gene, decreased leptin mRNA expression, and decreased leptin serum levels. <i>European Neuropsychopharmacology</i> , 2013, 23, 653-662.	0.3	32
43	LINE1 insertions as a genomic risk factor for schizophrenia: Preliminary evidence from an affected family. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 534-545.	1.1	32
44	Gene × environment interactions in the prediction of response to antidepressant treatment. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 701-711.	1.0	27
45	MicroRNA regulation of persistent stress-enhanced memory. <i>Molecular Psychiatry</i> , 2020, 25, 965-976.	4.1	27
46	Does sleep disruption mediate the effects of childhood maltreatment on brain structure?. <i>HÅrre Utbildning</i> , 2017, 8, 1450594.	1.4	23
47	Somatization in major depression - clinical features and genetic associations. <i>Acta Psychiatrica Scandinavica</i> , 2011, 124, 317-328.	2.2	21
48	Possible Associations of NTRK2 Polymorphisms with Antidepressant Treatment Outcome: Findings from an Extended Tag SNP Approach. <i>PLoS ONE</i> , 2013, 8, e64947.	1.1	17
49	Using gene × environment interactions to target personalized treatment in mood disorder. <i>Personalized Medicine</i> , 2011, 8, 23-34.	0.8	9
50	Multioomic biological approaches to the study of child abuse and neglect. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 210, 173271.	1.3	9
51	Fungal Adenylyl Cyclase Integrates CO <sub>2</sub> Sensing with cAMP Signaling and Virulence. <i>Current Biology</i> , 2005, 15, 2177.	1.8	4
52	Hypothalamic-Pituitary-Adrenocortical Axis Activity as a Potential Predictor for Withdrawal Symptoms in Addiction to Flupirtine, a Nonopioid Analgesic. <i>Journal of Clinical Psychopharmacology</i> , 2014, 34, e6-e8.	0.7	1
53	90. Second Generation Effects of Trauma: Evidence for Developmental Programming. <i>Biological Psychiatry</i> , 2017, 81, S38.	0.7	1
54	58. Experiencing Violence Accelerates Epigenetic Aging in Children. <i>Biological Psychiatry</i> , 2017, 81, S24.	0.7	1

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55	A Potential Role for the Noncoding Transcriptome in Psychiatric Disorders. Harvard Review of Psychiatry, 2018, 26, 364-373.	0.9	1
56	Stress vulnerability and epigenetic variation of SKA2, potential causes and consequences. Psychoneuroendocrinology, 2016, 71, 11.	1.3	0
57	Cover Image, Volume 171B, Number 4, June 2016. , 2016, 171, i-i.		0
58	T25. Genome-Wide MicroRNA Expression Analysis of PTSD With Comorbid Depression: A Meta-Analysis of Civilian and Veteran Datasets. Biological Psychiatry, 2018, 83, S138.	0.7	0
59	125. Hippocampal Progenitor Cell Models in Deciphering the Epigenomics of Stress. Biological Psychiatry, 2018, 83, S51.	0.7	0
60	FKBP5 Epialleles. Epigenetics and Human Health, 2016, , 3-21.	0.2	0