

Nikolaos P Daskalakis

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,752
citations

147566

31
h-index

95083

68
g-index

113
all docs

113
docs citations

113
times ranked

8234
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocaust Exposure Induced Intergenerational Effects on FKBP5 Methylation. <i>Biological Psychiatry</i> , 2016, 80, 372-380.	0.7	532
2	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. <i>Psychoneuroendocrinology</i> , 2013, 38, 1858-1873.	1.3	439
3	Influences of Maternal and Paternal PTSD on Epigenetic Regulation of the Glucocorticoid Receptor Gene in Holocaust Survivor Offspring. <i>American Journal of Psychiatry</i> , 2014, 171, 872-880.	4.0	394
4	Mechanistic investigation into antibacterial behaviour of suspensions of ZnO nanoparticles against <i>E. coli</i> . <i>Journal of Nanoparticle Research</i> , 2010, 12, 1625-1636.	0.8	393
5	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
6	Epigenetic Biomarkers as Predictors and Correlates of Symptom Improvement Following Psychotherapy in Combat Veterans with PTSD. <i>Frontiers in Psychiatry</i> , 2013, 4, 118.	1.3	263
7	Lower Methylation of Glucocorticoid Receptor Gene Promoter 1F in Peripheral Blood of Veterans with Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2015, 77, 356-364.	0.7	250
8	Defeat stress in rodents: From behavior to molecules. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 111-140.	2.9	185
9	Endocrine Aspects of Post-traumatic Stress Disorder and Implications for Diagnosis and Treatment. <i>Endocrinology and Metabolism Clinics of North America</i> , 2013, 42, 503-513.	1.2	169
10	Oxytocin improves behavioral and electrophysiological deficits in a novel Shank3-deficient rat. <i>ELife</i> , 2017, 6, .	2.8	136
11	Maternal PTSD associates with greater glucocorticoid sensitivity in offspring of Holocaust survivors. <i>Psychoneuroendocrinology</i> , 2014, 40, 213-220.	1.3	131
12	Expression profiling associates blood and brain glucocorticoid receptor signaling with trauma-related individual differences in both sexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13529-13534.	3.3	113
13	Animal models in translational studies of PTSD. <i>Psychoneuroendocrinology</i> , 2013, 38, 1895-1911.	1.3	108
14	Early Life Stress Effects on Glucocorticoid and BDNF Interplay in the Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 68.	1.4	108
15	Testing the cumulative stress and mismatch hypotheses of psychopathology in a rat model of early-life adversity. <i>Physiology and Behavior</i> , 2012, 106, 707-721.	1.0	101
16	Development of individual differences in stress responsiveness: an overview of factors mediating the outcome of early life experiences. <i>Psychopharmacology</i> , 2011, 214, 141-154.	1.5	100
17	Longitudinal analyses of the DNA methylome in deployed military servicemen identify susceptibility loci for post-traumatic stress disorder. <i>Molecular Psychiatry</i> , 2018, 23, 1145-1156.	4.1	98
18	Recent Genetics and Epigenetics Approaches to PTSD. <i>Current Psychiatry Reports</i> , 2018, 20, 30.	2.1	89

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19	Site-specific methylation changes in the glucocorticoid receptor exon 1F promoter in relation to life adversity: systematic review of contributing factors. <i>Frontiers in Neuroscience</i> , 2014, 8, 369.	1.4	84
20	New translational perspectives for blood-based biomarkers of PTSD: From glucocorticoid to immune mediators of stress susceptibility. <i>Experimental Neurology</i> , 2016, 284, 133-140.	2.0	78
21	Glucocorticoid-related predictors and correlates of post-traumatic stress disorder treatment response in combat veterans. <i>Interface Focus</i> , 2014, 4, 20140048.	1.5	76
22	Endolysosomal degradation of Tau and its role in glucocorticoid-driven hippocampal malfunction. <i>EMBO Journal</i> , 2018, 37, .	3.5	73
23	An epigenome-wide association study of posttraumatic stress disorder in US veterans implicates several new DNA methylation loci. <i>Clinical Epigenetics</i> , 2020, 12, 46.	1.8	64
24	Noncoding RNAs: Stress, Glucocorticoids, and Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 849-865.	0.7	58
25	Intergenerational Effects of Maternal Holocaust Exposure on FKBP5 Methylation. <i>American Journal of Psychiatry</i> , 2020, 177, 744-753.	4.0	49
26	Elevation of 11 β -hydroxysteroid dehydrogenase type 2 activity in Holocaust survivor offspring: Evidence for an intergenerational effect of maternal trauma exposure. <i>Psychoneuroendocrinology</i> , 2014, 48, 1-10.	1.3	45
27	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. <i>Cell Reports</i> , 2020, 31, 107716.	2.9	44
28	Mineralocorticoid receptors dampen glucocorticoid receptor sensitivity to stress via regulation of FKBP5. <i>Cell Reports</i> , 2021, 35, 109185.	2.9	42
29	The newborn rat's stress system readily habituates to repeated and prolonged maternal separation, while continuing to respond to stressors in context dependent fashion. <i>Hormones and Behavior</i> , 2011, 60, 165-176.	1.0	37
30	Oxidative Dysregulation in Early Life Stress and Posttraumatic Stress Disorder: A Comprehensive Review. <i>Brain Sciences</i> , 2021, 11, 723.	1.1	34
31	Cortisol rapidly disrupts prepulse inhibition in healthy men. <i>Psychoneuroendocrinology</i> , 2011, 36, 109-114.	1.3	33
32	Drawings Reflect a New Dimension of the Psychological Impact of Long-Term Remission of Cushing's Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3123-3131.	1.8	32
33	Early experience of a novel-environment in isolation primes a fearful phenotype characterized by persistent amygdala activation. <i>Psychoneuroendocrinology</i> , 2014, 39, 39-57.	1.3	32
34	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. <i>Sleep</i> , 2020, 43, .	0.6	32
35	Maternal Age at Holocaust Exposure and Maternal PTSD Independently Influence Urinary Cortisol Levels in Adult Offspring. <i>Frontiers in Endocrinology</i> , 2014, 5, 103.	1.5	27
36	Schizophrenia in the Spectrum of Gene-Stress Interactions: The FKBP5 Example. <i>Schizophrenia Bulletin</i> , 2015, 41, 323-329.	2.3	27

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37	Differential transcriptional response following glucocorticoid activation in cultured blood immune cells: a novel approach to PTSD biomarker development. <i>Translational Psychiatry</i> , 2019, 9, 201.	2.4	27
38	Cross-platform comparison of highly sensitive immunoassay technologies for cytokine markers: Platform performance in post-traumatic stress disorder and Parkinson's disease. <i>Cytokine: X</i> , 2020, 2, 100027.	0.5	26
39	Principles for developing animal models of military PTSD. <i>HÅrre Utbildning</i> , 2014, 5, .	1.4	25
40	Longitudinal changes in glucocorticoid receptor exon 1F methylation and psychopathology after military deployment. <i>Translational Psychiatry</i> , 2017, 7, e1181-e1181.	2.4	24
41	Cell-type-specific interrogation of CeA Drd2 neurons to identify targets for pharmacological modulation of fear extinction. <i>Translational Psychiatry</i> , 2018, 8, 164.	2.4	24
42	Mineralocorticoid receptor and glucocorticoid receptor work alone and together in cell-type-specific manner: Implications for resilience prediction and targeted therapy. <i>Neurobiology of Stress</i> , 2022, 18, 100455.	1.9	24
43	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2022, 91, 626-636.	0.7	21
44	Environmental and tactile stimulation modulates the neonatal handling effect on adult rat spatial memory. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 747-755.	0.7	20
45	Intergenerational trauma is associated with expression alterations in glucocorticoid- and immune-related genes. <i>Neuropsychopharmacology</i> , 2021, 46, 763-773.	2.8	19
46	Gene expression in the dorsolateral and ventromedial prefrontal cortices implicates immune-related gene networks in PTSD. <i>Neurobiology of Stress</i> , 2021, 15, 100398.	1.9	19
47	Sex-Dependent Changes in miRNA Expression in the Bed Nucleus of the Stria Terminalis Following Stress. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 236.	1.4	17
48	Systematic Review and Methodological Considerations for the Use of Single Prolonged Stress and Fear Extinction Retention in Rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 652636.	1.0	17
49	Early handling modulates outcome of neonatal dexamethasone exposure. <i>Hormones and Behavior</i> , 2012, 62, 433-441.	1.0	16
50	Immediate Effects of Maternal Deprivation on the (Re)Activity of the HPA-Axis Differ in CD1 and C57Bl/6j Mouse Pups. <i>Frontiers in Endocrinology</i> , 2014, 5, 190.	1.5	16
51	<scp>TWAS</scp> pathway method greatly enhances the number of leads for uncovering the molecular underpinnings of psychiatric disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 454-463.	1.1	16
52	Klotho, PTSD, and advanced epigenetic age in cortical tissue. <i>Neuropsychopharmacology</i> , 2021, 46, 721-730.	2.8	16
53	Genome-wide translational profiling of amygdala Crh-expressing neurons reveals role for CREB in fear extinction learning. <i>Nature Communications</i> , 2020, 11, 5180.	5.8	15
54	Transcriptome-wide association study of post-trauma symptom trajectories identified GRIN3B as a potential biomarker for PTSD development. <i>Neuropsychopharmacology</i> , 2021, 46, 1811-1820.	2.8	15

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55	From genetics to systems biology of stress-related mental disorders. <i>Neurobiology of Stress</i> , 2021, 15, 100393.	1.9	13
56	Endocrine Aspects of PTSD: Hypothalamic-Pituitary-Adrenal (HPA) Axis and Beyond. , 2016, , 245-260.		11
57	PTSD and the klotho longevity gene: Evaluation of longitudinal effects on inflammation via DNA methylation. <i>Psychoneuroendocrinology</i> , 2020, 117, 104656.	1.3	11
58	Contributions of PTSD polygenic risk and environmental stress to suicidality in preadolescents. <i>Neurobiology of Stress</i> , 2021, 15, 100411.	1.9	11
59	PTSD Biomarker Database: deep dive metadatabase for PTSD biomarkers, visualizations and analysis tools. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	1.4	9
60	GWAS meets transcriptomics: from genetic letters to transcriptomic words of neuropsychiatric risk. <i>Neuropsychopharmacology</i> , 2021, 46, 255-256.	2.8	9
61	Altered gene expression and PTSD symptom dimensions in World Trade Center responders. <i>Molecular Psychiatry</i> , 2022, 27, 2225-2246.	4.1	9
62	Early Maternal Influences on Stress Circuitry: Implications for Resilience and Susceptibility to Physical and Mental Disorders. <i>Frontiers in Endocrinology</i> , 2014, 5, 244.	1.5	5
63	Driving Progress in Posttraumatic Stress Disorder Biomarkers. <i>Biological Psychiatry</i> , 2020, 87, e13-e14.	0.7	4
64	Increasing the resolution and precision of psychiatric genome-wide association studies by re-imputing summary statistics using a large, diverse reference panel. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 16-27.	1.1	4
65	Single-Nucleus Transcriptomic Dissection of PTSD and MDD in Human Post-Mortem DLPFC Reveals Genetic and Environmental Regulation. <i>Biological Psychiatry</i> , 2021, 89, S71.	0.7	4
66	28. An Epigenome-Wide Association Study of PTSD in Veterans Implicates Several New DNA Methylation Loci. <i>Biological Psychiatry</i> , 2019, 85, S12.	0.7	2
67	The Biological Effects of Trauma. <i>Complex Psychiatry</i> , 2021, 7, 16-18.	1.3	2
68	Endocrine Aspects of PTSD: Hypothalamic-Pituitary-Adrenal (HPA) Axis and Beyond. , 2015, , 1-14.		2
69	90. Second Generation Effects of Trauma: Evidence for Developmental Programming. <i>Biological Psychiatry</i> , 2017, 81, S38.	0.7	1
70	228. Transcriptome-Wide Analysis Identifies ICAM5 Differentially Expressed in Chronic PTSD Symptoms Versus Resiliency Post Trauma Exposure in a Longitudinal Study. <i>Biological Psychiatry</i> , 2018, 83, S91-S92.	0.7	1
71	227. Longitudinal Changes in Glucocorticoid Receptor Exon 1F Methylation as a Biomarker for Psychopathology After Military Deployment. <i>Biological Psychiatry</i> , 2018, 83, S91.	0.7	1
72	697. Testing the Three-Hit Hypothesis of Stress Susceptibility and Resilience in the Rat. <i>Biological Psychiatry</i> , 2017, 81, S282-S283.	0.7	0

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73	347. An Integrative Psychobiological Model of Resilience in World Trade Center Responders. <i>Biological Psychiatry</i> , 2017, 81, S142.	0.7	0
74	Longitudinal Changes In Glucocorticoid Receptor 1f Methylation And Psychopathology After Military Deployment. <i>European Neuropsychopharmacology</i> , 2017, 27, S470-S471.	0.3	0
75	344. FKBP5 Methylation: Stable Trait or Fluctuating State?. <i>Biological Psychiatry</i> , 2017, 81, S141.	0.7	0
76	424. Genomic Mediators of PTSD in Blood and Brain. <i>Biological Psychiatry</i> , 2017, 81, S173.	0.7	0
77	217. Integrative Systems Approach Identifies HPA-Axis Related Gene Networks in PTSD. <i>Biological Psychiatry</i> , 2018, 83, S87.	0.7	0
78	T25. Genome-Wide MicroRNA Expression Analysis of PTSD With Comorbid Depression: A Meta-Analysis of Civilian and Veteran Datasets. <i>Biological Psychiatry</i> , 2018, 83, S138.	0.7	0
79	Systems biology of vulnerability and resilience: Adaptation to early life adversity?. <i>Psychoneuroendocrinology</i> , 2019, 107, 51-52.	1.3	0
80	GENETICALLY REGULATED GENE EXPRESSION IN BRAIN AND PERIPHERAL TISSUES IN PTSD. <i>European Neuropsychopharmacology</i> , 2019, 29, S1056.	0.3	0
81	200. Dissecting the Transcriptomic and Phenotypic Complexity of PTSD With Transcriptomic Imputation and Bayesian Machine Learning. <i>Biological Psychiatry</i> , 2019, 85, S83.	0.7	0
82	T155. Variational Autoencoder Identifies Clinically Meaningful Latent Features in Neurodegeneration and Neuropsychiatry Based on Blood Gene Expression and Genetically Regulated Gene Expression Across Tissue-Types. <i>Biological Psychiatry</i> , 2019, 85, S189.	0.7	0
83	Single-Nucleus Transcriptomic Analysis of PTSD and MDD in Human Post-Mortem DLPFC. <i>Biological Psychiatry</i> , 2020, 87, S25.	0.7	0
84	Cross-Platform Comparison of Immunoassay Technologies to Assess Cytokine Markers in Patients With Post-Traumatic Stress Disorder and Parkinson's Disease. <i>Biological Psychiatry</i> , 2020, 87, S378.	0.7	0
85	PTSD Genome-Wide Association Study Identifies Novel Loci and Informs Future Expectations. <i>Biological Psychiatry</i> , 2021, 89, S69-S70.	0.7	0
86	Refining Imputation Models of Molecular Phenotypes in the Dorsolateral Prefrontal Cortex to Improve Understanding of Risk Across Neuropsychiatric Disorders. <i>Biological Psychiatry</i> , 2021, 89, S225.	0.7	0
87	Testing Glucocorticoid Mediated Differential Gene Expression in iPSC Derived Neural Cultures as a Model for PTSD. <i>Biological Psychiatry</i> , 2021, 89, S307.	0.7	0
88	Analysis of Genetically Regulated Gene Expression Identifies a Trauma Type Specific PTSD Gene, SNRNP35. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
89	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
90	Revisiting the Need for a PTSD Brain Bank; Commentary on Friedman. <i>Psychiatry (New York)</i> , 2022, 85, 203-211.	0.3	0