

Nikolaos P Daskalakis

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,752
citations

147801

31
h-index

95266

68
g-index

113
all docs

113
docs citations

113
times ranked

8234
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	21
2	Altered gene expression and PTSD symptom dimensions in World Trade Center responders. <i>Molecular Psychiatry</i> , 2022, 27, 2225-2246.	7.9	9
3	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.	4.0	24
4	Revisiting the Need for a PTSD Brain Bank; Commentary on Friedman. <i>Psychiatry (New York)</i> , 2022, 85, 203-211.	0.7	0
5	Intergenerational trauma is associated with expression alterations in glucocorticoid- and immune-related genes. <i>Neuropsychopharmacology</i> , 2021, 46, 763-773.	5.4	19
6	Klotho, PTSD, and advanced epigenetic age in cortical tissue. <i>Neuropsychopharmacology</i> , 2021, 46, 721-730.	5.4	16
7	GWAS meets transcriptomics: from genetic letters to transcriptomic words of neuropsychiatric risk. <i>Neuropsychopharmacology</i> , 2021, 46, 255-256.	5.4	9
8	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.	1.7	4
9	PTSD Genome-Wide Association Study Identifies Novel Loci and Informs Future Expectations. <i>Biological Psychiatry</i> , 2021, 89, S69-S70.	1.3	0
10	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.	1.3	0
11	Testing Glucocorticoid Mediated Differential Gene Expression in iPSC Derived Neural Cultures as a Model for PTSD. <i>Biological Psychiatry</i> , 2021, 89, S307.	1.3	0
12	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.	1.3	4
13	Oxidative Dysregulation in Early Life Stress and Posttraumatic Stress Disorder: A Comprehensive Review. <i>Brain Sciences</i> , 2021, 11, 723.	2.3	34
14	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.	2.0	17
15	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.	5.4	15
16	Mineralocorticoid receptors dampen glucocorticoid receptor sensitivity to stress via regulation of FKBP5. <i>Cell Reports</i> , 2021, 35, 109185.	6.4	42
17	Gene expression in the dorsolateral and ventromedial prefrontal cortices implicates immune-related gene networks in PTSD. <i>Neurobiology of Stress</i> , 2021, 15, 100398.	4.0	19
18	From genetics to systems biology of stress-related mental disorders. <i>Neurobiology of Stress</i> , 2021, 15, 100393.	4.0	13

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19	The Biological Effects of Trauma. <i>Complex Psychiatry</i> , 2021, 7, 16-18.	0.9	2
20	Contributions of PTSD polygenic risk and environmental stress to suicidality in preadolescents. <i>Neurobiology of Stress</i> , 2021, 15, 100411.	4.0	11
21	Driving Progress in Posttraumatic Stress Disorder Biomarkers. <i>Biological Psychiatry</i> , 2020, 87, e13-e14.	1.3	4
22	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. <i>Sleep</i> , 2020, 43, .	1.1	32
23	Genome-wide translational profiling of amygdala Crh-expressing neurons reveals role for CREB in fear extinction learning. <i>Nature Communications</i> , 2020, 11, 5180.	12.8	15
24	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, SNRNP35, Specific to Military Cohorts. <i>Cell Reports</i> , 2020, 31, 107716.	6.4	44
25	Single-Nucleus Transcriptomic Analysis of PTSD and MDD in Human Post-Mortem DLPFC. <i>Biological Psychiatry</i> , 2020, 87, S25.	1.3	0
26	<sc>TWAS</sc> 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.	1.7	16
27	Cross-platform comparison of highly sensitive immunoassay technologies for cytokine markers: Platform performance in post-traumatic stress disorder and Parkinsonâ€™s disease. <i>Cytokine: X</i> , 2020, 2, 100027.	1.4	26
28	Cross-Platform Comparison of Immunoassay Technologies to Assess Cytokine Markers in Patients With Post-Traumatic Stress Disorder and Parkinsonâ€™s Disease. <i>Biological Psychiatry</i> , 2020, 87, S378.	1.3	0
29	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.	4.1	64
30	Intergenerational Effects of Maternal Holocaust Exposure on <i>FKBP5</i> Methylation. <i>American Journal of Psychiatry</i> , 2020, 177, 744-753.	7.2	49
31	PTSD and the <i>klotho</i> longevity gene: Evaluation of longitudinal effects on inflammation via DNA methylation. <i>Psychoneuroendocrinology</i> , 2020, 117, 104656.	2.7	11
32	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, .	3.0	9
33	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	12.8	363
34	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.	2.9	17
35	Systems biology of vulnerability and resilience: Adaptation to early life adversity?. <i>Psychoneuroendocrinology</i> , 2019, 107, 51-52.	2.7	0
36	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.	4.8	27

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37	GENETICALLY REGULATED GENE EXPRESSION IN BRAIN AND PERIPHERAL TISSUES IN PTSD. <i>European Neuropsychopharmacology</i> , 2019, 29, S1056.	0.7	0
38	28. An Epigenome-Wide Association Study of PTSD in Veterans Implicates Several New DNA Methylation Loci. <i>Biological Psychiatry</i> , 2019, 85, S12.	1.3	2
39	200. Dissecting the Transcriptomic and Phenotypic Complexity of PTSD With Transcriptomic Imputation and Bayesian Machine Learning. <i>Biological Psychiatry</i> , 2019, 85, S83.	1.3	0
40	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.	1.3	0
41	Noncoding RNAs: Stress, Glucocorticoids, and Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 849-865.	1.3	58
42	217. Integrative Systems Approach Identifies HPA-Axis Related Gene Networks in PTSD. <i>Biological Psychiatry</i> , 2018, 83, S87.	1.3	0
43	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.	1.3	1
44	Recent Genetics and Epigenetics Approaches to PTSD. <i>Current Psychiatry Reports</i> , 2018, 20, 30.	4.5	89
45	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.	1.3	0
46	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.	7.9	98
47	Endolysosomal degradation of Tau and its role in glucocorticoid-driven hippocampal malfunction. <i>EMBO Journal</i> , 2018, 37, .	7.8	73
48	Cell-type-specific interrogation of CeA Drd2 neurons to identify targets for pharmacological modulation of fear extinction. <i>Translational Psychiatry</i> , 2018, 8, 164.	4.8	24
49	227. Longitudinal Changes in Glucocorticoid Receptor Exon 1F Methylation as a Biomarker for Psychopathology After Military Deployment. <i>Biological Psychiatry</i> , 2018, 83, S91.	1.3	1
50	90. Second Generation Effects of Trauma: Evidence for Developmental Programming. <i>Biological Psychiatry</i> , 2017, 81, S38.	1.3	1
51	697. Testing the Three-Hit Hypothesis of Stress Susceptibility and Resilience in the Rat. <i>Biological Psychiatry</i> , 2017, 81, S282-S283.	1.3	0
52	347. An Integrative Psychobiological Model of Resilience in World Trade Center Responders. <i>Biological Psychiatry</i> , 2017, 81, S142.	1.3	0
53	Longitudinal Changes In Glucocorticoid Receptor 1f Methylation And Psychopathology After Military Deployment. <i>European Neuropsychopharmacology</i> , 2017, 27, S470-S471.	0.7	0
54	344. FKBP5 Methylation: Stable Trait or Fluctuating State?. <i>Biological Psychiatry</i> , 2017, 81, S141.	1.3	0

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55	424. Genomic Mediators of PTSD in Blood and Brain. <i>Biological Psychiatry</i> , 2017, 81, S173.	1.3	0
56	Longitudinal changes in glucocorticoid receptor exon 1F methylation and psychopathology after military deployment. <i>Translational Psychiatry</i> , 2017, 7, e1181-e1181.	4.8	24
57	Oxytocin improves behavioral and electrophysiological deficits in a novel Shank3-deficient rat. <i>ELife</i> , 2017, 6, .	6.0	136
58	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.	4.1	78
59	Endocrine Aspects of PTSD: Hypothalamic-Pituitary-Adrenal (HPA) Axis and Beyond. , 2016, , 245-260.		11
60	Holocaust Exposure Induced Intergenerational Effects on FKBP5 Methylation. <i>Biological Psychiatry</i> , 2016, 80, 372-380.	1.3	532
61	Early Life Stress Effects on Glucocorticoidâ€”BDNF Interplay in the Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 68.	2.9	108
62	Schizophrenia in the Spectrum of Gene-Stress Interactions: The FKBP5 Example. <i>Schizophrenia Bulletin</i> , 2015, 41, 323-329.	4.3	27
63	Defeat stress in rodents: From behavior to molecules. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 111-140.	6.1	185
64	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.	1.3	250
65	Endocrine Aspects of PTSD: Hypothalamic-Pituitary-Adrenal (HPA) Axis and Beyond. , 2015, , 1-14.		2
66	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.	3.5	16
67	Maternal Age at Holocaust Exposure and Maternal PTSD Independently Influence Urinary Cortisol Levels in Adult Offspring. <i>Frontiers in Endocrinology</i> , 2014, 5, 103.	3.5	27
68	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.	7.2	394
69	Glucocorticoid-related predictors and correlates of post-traumatic stress disorder treatment response in combat veterans. <i>Interface Focus</i> , 2014, 4, 20140048.	3.0	76
70	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.	7.1	113
71	Early experience of a novel-environment in isolation primes a fearful phenotype characterized by persistent amygdala activation. <i>Psychoneuroendocrinology</i> , 2014, 39, 39-57.	2.7	32
72	Maternal PTSD associates with greater glucocorticoid sensitivity in offspring of Holocaust survivors. <i>Psychoneuroendocrinology</i> , 2014, 40, 213-220.	2.7	131

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73	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.	2.7	45
74	Principles for developing animal models of military PTSD. <i>HÅrre Utbildning</i> , 2014, 5, .	3.0	25
75	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.	2.8	84
76	Early Maternal Influences on Stress Circuitry: Implications for Resilience and Susceptibility to Physical and Mental Disorders. <i>Frontiers in Endocrinology</i> , 2014, 5, 244.	3.5	5
77	Animal models in translational studies of PTSD. <i>Psychoneuroendocrinology</i> , 2013, 38, 1895-1911.	2.7	108
78	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. <i>Psychoneuroendocrinology</i> , 2013, 38, 1858-1873.	2.7	439
79	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.	3.2	169
80	Epigenetic Biomarkers as Predictors and Correlates of Symptom Improvement Following Psychotherapy in Combat Veterans with PTSD. <i>Frontiers in Psychiatry</i> , 2013, 4, 118.	2.6	263
81	Early handling modulates outcome of neonatal dexamethasone exposure. <i>Hormones and Behavior</i> , 2012, 62, 433-441.	2.1	16
82	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.	3.6	32
83	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.	2.1	101
84	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.	2.1	37
85	Cortisol rapidly disrupts prepulse inhibition in healthy men. <i>Psychoneuroendocrinology</i> , 2011, 36, 109-114.	2.7	33
86	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.	3.1	100
87	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.	1.9	393
88	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.	1.6	20
89	Analysis of Genetically Regulated Gene Expression Identifies a Trauma Type Specific PTSD Gene, SNRNP35. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
90	Analysis of Genetically Regulated Gene Expression Identifies a Prefrontal PTSD Gene, <i>SNRNP35&/i>, Specific to Military Cohorts. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0