

# Nils Christian Gassen

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

8,113  
citations

186265  
28  
h-index

175258  
52  
g-index

58  
all docs

58  
docs citations

58  
times ranked

19394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic profiling in cerebral amyloid angiopathy reveals an overlap with CADASIL highlighting accumulation of HTRA1 and its substrates. <i>Acta Neuropathologica Communications</i> , 2022, 10, 6.	5.2	16
2	Mediobasal hypothalamic FKBP51 acts as a molecular switch linking autophagy to whole-body metabolism. <i>Science Advances</i> , 2022, 8, eabi4797.	10.3	8
3	Tricyclic antidepressants target FKBP51 SUMOylation to restore glucocorticoid receptor activity. <i>Molecular Psychiatry</i> , 2022, 27, 2533-2545.	7.9	8
4	FKBP5/FKBP51 on weight watch: central FKBP5 links regulatory WIPI protein networks to autophagy and metabolic control. <i>Autophagy</i> , 2022, 18, 2756-2758.	9.1	7
5	Loss of the psychiatric risk factor SLC6A15 is associated with increased metabolic functions in primary hippocampal neurons. <i>European Journal of Neuroscience</i> , 2021, 53, 390-401.	2.6	8
6	Chemical Phosphoproteomics Sheds New Light on the Targets and Modes of Action of AKT Inhibitors. <i>ACS Chemical Biology</i> , 2021, 16, 631-641.	3.4	21
7	The co-chaperone Fkbp5 shapes the acute stress response in the paraventricular nucleus of the hypothalamus of male mice. <i>Molecular Psychiatry</i> , 2021, 26, 3060-3076.	7.9	52
8	Makrozyklische FKBP51-Liganden enthalten einen transienten Bindungsmodus mit erhöhter Selektivität. <i>Angewandte Chemie</i> , 2021, 133, 13366-13372.	2.0	0
9	Macrocyclic FKBP51 Ligands Define a Transient Binding Mode with Enhanced Selectivity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13257-13263.	13.8	13
10	Mineralocorticoid receptors dampen glucocorticoid receptor sensitivity to stress via regulation of FKBP5. <i>Cell Reports</i> , 2021, 35, 109185.	6.4	42
11	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021, 12, 3818.	12.8	172
12	Stress-primed secretory autophagy promotes extracellular BDNF maturation by enhancing MMP9 secretion. <i>Nature Communications</i> , 2021, 12, 4643.	12.8	50
13	Longitudinal CSF proteome profiling in mice to uncover the acute and sustained mechanisms of action of rapid acting antidepressant (2R,6R)-hydroxynorketamine (HNK). <i>Neurobiology of Stress</i> , 2021, 15, 100404.	4.0	8
14	Analysis of the cerebellar molecular stress response led to first evidence of a role for FKBP51 in brain FKBP52 expression in mice and humans. <i>Neurobiology of Stress</i> , 2021, 15, 100401.	4.0	6
15	Brain Expression, Physiological Regulation and Role in Motivation and Associative Learning of Peroxisome Proliferator-activated Receptor $\delta$ . <i>Neuroscience</i> , 2021, 479, 91-106.	2.3	5
16	Myo-Inositol Levels in the Dorsal Hippocampus Serve as Glial Prognostic Marker of Mild Cognitive Impairment in Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 731603.	3.4	6
17	Blunted leptin sensitivity during hedonic overeating can be reinstated by activating galanin 2 receptors (Gal2R) in the lateral hypothalamus. <i>Acta Physiologica</i> , 2020, 228, e13345.	3.8	15
18	The stress susceptibility factor FKBP51 controls S-ketamine-evoked release of mBDNF in the prefrontal cortex of mice. <i>Neurobiology of Stress</i> , 2020, 13, 100239.	4.0	18

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19	The Role of Cathepsins in Memory Functions and the Pathophysiology of Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2020, 11, 718.	2.6	14
20	Chloroquine does not inhibit infection of human lung cells with SARS-CoV-2. <i>Nature</i> , 2020, 585, 588-590.	27.8	370
21	Focus on FKBP51: A molecular link between stress and metabolic disorders. <i>Molecular Metabolism</i> , 2019, 29, 170-181.	6.5	43
22	Epigenetic upregulation of FKBP5 by aging and stress contributes to NF- $\kappa$ B-driven inflammation and cardiovascular risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11370-11379.	7.1	193
23	Is There a Role of Autophagy in Depression and Antidepressant Action?. <i>Frontiers in Psychiatry</i> , 2019, 10, 337.	2.6	77
24	SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019, 10, 5770.	12.8	286
25	Temporal profiling of an acute stress-induced behavioral phenotype in mice and role of hippocampal DRR1. <i>Psychoneuroendocrinology</i> , 2018, 91, 149-158.	2.7	16
26	Hippo Signaling: Emerging Pathway in Stress-Related Psychiatric Disorders?. <i>Frontiers in Psychiatry</i> , 2018, 9, 715.	2.6	19
27	Life stress, glucocorticoid signaling, and the aging epigenome: Implications for aging-related diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 356-365.	6.1	98
28	Stress-responsive FKBP51 regulates AKT2-AS160 signaling and metabolic function. <i>Nature Communications</i> , 2017, 8, 1725.	12.8	82
29	High Resolution Monitoring Above and Below the Groundwater Table Uncovers Small-Scale Hydrochemical Gradients. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13806-13815.	10.0	9
30	The FKBP51 Glucocorticoid Receptor Co-Chaperone: Regulation, Function, and Implications in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2614.	4.1	109
31	Beware of your Cre-Action: <i>lacZ</i> expression impairs neuronal integrity and hippocampus-dependent memory. <i>Hippocampus</i> , 2016, 26, 1250-1264.	1.9	6
32	Molecular evidence of synaptic pathology in the CA1 region in schizophrenia. <i>NPJ Schizophrenia</i> , 2016, 2, 16022.	3.6	62
33	The emerging role of FKBP5 in the regulation of metabolism and body weight. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 1560-1561.	1.2	14
34	The activity of the glucocorticoid receptor is regulated by SUMO conjugation to FKBP51. <i>Cell Death and Differentiation</i> , 2016, 23, 1579-1591.	11.2	21
35	Prefrontal Cortex Corticotropin-Releasing Factor Receptor 1 Conveys Acute Stress-Induced Executive Dysfunction. <i>Biological Psychiatry</i> , 2016, 80, 743-753.	1.3	74
36	Purine and pyrimidine metabolism: Convergent evidence on chronic antidepressant treatment response in mice and humans. <i>Scientific Reports</i> , 2016, 6, 35317.	3.3	35

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37	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
38	Geneâ€“Stressâ€“Epigenetic Regulation of FKBP5: Clinical and Translational Implications. <i>Neuropsychopharmacology</i> , 2016, 41, 261-274.	5.4	412
39	FKBP51 inhibits GSK3 $\beta$ and augments the effects of distinct psychotropic medications. <i>Molecular Psychiatry</i> , 2016, 21, 277-289.	7.9	55
40	Glycogen synthase kinase-3 $\beta$ inhibition in the medial prefrontal cortex mediates paradoxical amphetamine action in a mouse model of ADHD. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 67.	2.0	10
41	FKBP5/FKBP51 enhances autophagy to synergize with antidepressant action. <i>Autophagy</i> , 2015, 11, 578-580.	9.1	83
42	Homer1/mGluR5 Activity Moderates Vulnerability to Chronic Social Stress. <i>Neuropsychopharmacology</i> , 2015, 40, 1222-1233.	5.4	63
43	Hypothalamic-Pituitary-Adrenal Axis Dysfunction and Illness Progression in Bipolar Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pii043-pii043.	2.1	61
44	Chaperoning epigenetics: FKBP51 decreases the activity of DNMT1 and mediates epigenetic effects of the antidepressant paroxetine. <i>Science Signaling</i> , 2015, 8, ra119.	3.6	85
45	A role for synapsin in FKBP51 modulation of stress responsiveness: Convergent evidence from animal and human studies. <i>Psychoneuroendocrinology</i> , 2015, 52, 43-58.	2.7	26
46	The FKBP51-Glucocorticoid Receptor Balance in Stress-Related Mental Disorders. <i>Current Molecular Pharmacology</i> , 2015, 9, 126-140.	1.5	33
47	Association of FKBP51 with Priming of Autophagy Pathways and Mediation of Antidepressant Treatment Response: Evidence in Cells, Mice, and Humans. <i>PLoS Medicine</i> , 2014, 11, e1001755.	8.4	141
48	Deficiency of FK506-binding protein (FKBP) 51 alters sleep architecture and recovery sleep responses to stress in mice. <i>Journal of Sleep Research</i> , 2014, 23, 176-185.	3.2	41
49	Hsp70 Cochaperones HspBP1 and BAG-1M Differentially Regulate Steroid Hormone Receptor Function. <i>PLoS ONE</i> , 2014, 9, e85415.	2.5	21
50	Homer1 Mediates Acute Stress-Induced Cognitive Deficits in the Dorsal Hippocampus. <i>Journal of Neuroscience</i> , 2013, 33, 3857-3864.	3.6	60
51	Increased Glyoxalase-1 Levels in Fkbp5 Knockout Mice Caused by Glyoxalase-1 Gene Duplication. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1311-1313.	1.8	7
52	FK506 Binding Protein 5 Shapes Stress Responsiveness: Modulation of Neuroendocrine Reactivity and Coping Behavior. <i>Biological Psychiatry</i> , 2011, 70, 928-936.	1.3	235
53	Differential Impact of Tetratricopeptide Repeat Proteins on the Steroid Hormone Receptors. <i>PLoS ONE</i> , 2010, 5, e11717.	2.5	91