

Florian Holsboer

List of Publications by Year in descending order

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100
papers

13,533
citations

36303

51
h-index

33894

99
g-index

100
all docs

100
docs citations

100
times ranked

18063
citing authors

#	ARTICLE	IF	CITATIONS
1	The Corticosteroid Receptor Hypothesis of Depression. <i>Neuropsychopharmacology</i> , 2000, 23, 477-501.	5.4	1,859
2	Differential signal transduction by five splice variants of the PACAP receptor. <i>Nature</i> , 1993, 365, 170-175.	27.8	1,156
3	Impaired stress response and reduced anxiety in mice lacking a functional corticotropin-releasing hormone receptor 1. <i>Nature Genetics</i> , 1998, 19, 162-166.	21.4	881
4	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
5	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
6	Holocaust Exposure Induced Intergenerational Effects on FKBP5 Methylation. <i>Biological Psychiatry</i> , 2016, 80, 372-380.	1.3	532
7	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
8	Stress Hormone Regulation: Biological Role and Translation into Therapy. <i>Annual Review of Psychology</i> , 2010, 61, 81-109.	17.7	377
9	Central CRH system in depression and anxiety – Evidence from clinical studies with CRH1 receptor antagonists. <i>European Journal of Pharmacology</i> , 2008, 583, 350-357.	3.5	333
10	Cellular Localization of Interleukin 6 mRNA and Interleukin 6 Receptor mRNA in Rat Brain. <i>European Journal of Neuroscience</i> , 1993, 5, 1426-1435.	2.6	301
11	SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019, 10, 5770.	12.8	286
12	A Genomewide Association Study Points to Multiple Loci That Predict Antidepressant Drug Treatment Outcome in Depression. <i>Archives of General Psychiatry</i> , 2009, 66, 966.	12.3	284
13	Polymorphism in Tmem132d regulates expression and anxiety-related behavior through binding of RNA polymerase II complex. <i>Translational Psychiatry</i> , 2018, 8, 1.	4.8	263
14	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
15	Neither major depression nor glucocorticoid treatment affects the cellular integrity of the human hippocampus. <i>European Journal of Neuroscience</i> , 2001, 14, 1603-1612.	2.6	224
16	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
17	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
18	Hormonal Response Pattern in the Combined DEX-CRH Test Is Stable over Time in Subjects at High Familial Risk for Affective Disorders. <i>Neuropsychopharmacology</i> , 1998, 18, 253-262.	5.4	188

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19	Dose-dependent effects of endotoxin on human sleep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R947-R955.	1.8	173
20	Long-Term Antidepressant Treatment Reduces Behavioural Deficits in Transgenic Mice with Impaired Glucocorticoid Receptor Function. <i>Journal of Neuroendocrinology</i> , 1995, 7, 841-845.	2.6	160
21	Soluble interleukin-6 (IL-6) receptor augments central effects of IL-6 in vivo. <i>FASEB Journal</i> , 1995, 9, 659-664.	0.5	159
22	How can we realize the promise of personalized antidepressant medicines?. <i>Nature Reviews Neuroscience</i> , 2008, 9, 638-646.	10.2	158
23	Behavioral, Physiological, and Neuroendocrine Stress Responses and Differential Sensitivity to Diazepam in Two Wistar Rat Lines Selectively Bred for High- and Low-Anxiety-Related Behavior. <i>Neuropsychopharmacology</i> , 1998, 19, 381-396.	5.4	148
24	Acute transcranial magnetic stimulation of frontal brain regions selectively modulates the release of vasopressin, biogenic amines and amino acids in the rat brain. <i>European Journal of Neuroscience</i> , 2000, 12, 3713-3720.	2.6	146
25	The anxiolytic effect of the CRH1 receptor antagonist R121919 depends on innate emotionality in rats. <i>European Journal of Neuroscience</i> , 2001, 13, 373-380.	2.6	145
26	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
27	Nocturnal plasma levels of cytokines in healthy men. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1992, 242, 53-56.	3.2	133
28	Evidence supporting the match/mismatch hypothesis of psychiatric disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 907-918.	0.7	125
29	Interleukin-1 β Stimulates both Central and Peripheral Release of Vasopressin and Oxytocin in the Rat. <i>European Journal of Neuroscience</i> , 1995, 7, 592-598.	2.6	120
30	Genetic Markers for PTSD Risk and Resilience Among Survivors of the World Trade Center Attacks. <i>Disease Markers</i> , 2011, 30, 101-110.	1.3	117
31	Sleep in Schizophrenia: A Polysomnographic Study on Drug-Naive Patients. <i>Neuropsychopharmacology</i> , 1997, 16, 51-60.	5.4	93
32	Pharmacological Inhibition of the Psychiatric Risk Factor FKBP51 Has Anxiolytic Properties. <i>Journal of Neuroscience</i> , 2015, 35, 9007-9016.	3.6	90
33	Protection Against Oxidative Stress-induced Neuronal Cell Death-A Novel Role for RU486. <i>European Journal of Neuroscience</i> , 1997, 9, 912-920.	2.6	89
34	Glucocorticoid receptor impairment alters CNS responses to a psychological stressor: an in vivo microdialysis study in transgenic mice. <i>European Journal of Neuroscience</i> , 2000, 12, 283-291.	2.6	89
35	Intraperitoneal Administration of Bacterial Endotoxin Enhances Noradrenergic Neurotransmission in the Rat Preoptic Area: Relationship with Body Temperature and Hypothalamic-Pituitary-Adrenocortical Axis Activity. <i>European Journal of Neuroscience</i> , 1995, 7, 2418-2430.	2.6	88
36	Trimipramine and imipramine exert different effects on the sleep EEG and on nocturnal hormone secretion during treatment of major depression. <i>Depression</i> , 1996, 4, 1-13.	0.6	84

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37	Vasopressin released within the septal brain area during swim stress modulates the behavioural stress response in rats. <i>European Journal of Neuroscience</i> , 1999, 11, 997-1002.	2.6	80
38	Corticotropin-releasing hormone (CRH) antisense oligodeoxynucleotide treatment attenuates social defeat-induced anxiety in rats. <i>Cellular and Molecular Neurobiology</i> , 1994, 14, 579-588.	3.3	77
39	Ageing alters intrahypothalamic release patterns of vasopressin and oxytocin in rats. <i>European Journal of Neuroscience</i> , 2000, 12, 1487-1494.	2.6	75
40	Identification and characterization of HPA-axis reactivity endophenotypes in a cohort of female PTSD patients. <i>Psychoneuroendocrinology</i> , 2015, 55, 102-115.	2.7	74
41	Cross-fostering and cross-breeding of HAB and LAB rats: a genetic rat model of anxiety. <i>Behavior Genetics</i> , 2001, 31, 371-382.	2.1	71
42	Genetically dissecting P2rx7 expression within the central nervous system using conditional humanized mice. <i>Purinergic Signalling</i> , 2017, 13, 153-170.	2.2	71
43	Corticotropin-releasing hormone modulators and depression. <i>Current Opinion in Investigational Drugs</i> , 2003, 4, 46-50.	2.3	65
44	Somatostatin Impairs Sleep in Elderly Human Subjects. <i>Neuropsychopharmacology</i> , 1997, 16, 339-345.	5.4	63
45	FKBP5 Genotype-Dependent DNA Methylation and mRNA Regulation After Psychosocial Stress in Remitted Depression and Healthy Controls. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu087-pyu087.	2.1	60
46	Effects of Clozapine on In Vitro Immune Parameters A Longitudinal Study in Clozapine-Treated Schizophrenic Patients. <i>Neuropsychopharmacology</i> , 1998, 19, 114-122.	5.4	59
47	Differential induction of NF- κ B activity and neural cell death by antidepressants in vitro. <i>European Journal of Neuroscience</i> , 2000, 12, 4331-4337.	2.6	59
48	Are there meaningful biomarkers of treatment response for depression?. <i>Drug Discovery Today</i> , 2014, 19, 539-561.	6.4	58
49	Neural correlates of insight in dreaming and psychosis. <i>Sleep Medicine Reviews</i> , 2015, 20, 92-99.	8.5	58
50	A genetic risk score combining 32 SNPs is associated with body mass index and improves obesity prediction in people with major depressive disorder. <i>BMC Medicine</i> , 2015, 13, 86.	5.5	56
51	Childhood abuse and depression in adulthood: The mediating role of allostatic load. <i>Psychoneuroendocrinology</i> , 2018, 94, 134-142.	2.7	56
52	IGF-I in major depression and antidepressant treatment response. <i>European Neuropsychopharmacology</i> , 2015, 25, 864-872.	0.7	53
53	Association of ABCB1 gene variants, plasma antidepressant concentration, and treatment response: Results from a randomized clinical study. <i>Journal of Psychiatric Research</i> , 2016, 73, 86-95.	3.1	52
54	Open clinical trial on the sigma ligand panamesine in patients with schizophrenia. <i>Psychopharmacology</i> , 1997, 132, 82-88.	3.1	48

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55	Epigenetic Aspects of Posttraumatic Stress Disorder. <i>Disease Markers</i> , 2011, 30, 77-87.	1.3	46
56	Heterozygosity for the Mood Disorder-Associated Variant Gln460Arg Alters P2X7 Receptor Function and Sleep Quality. <i>Journal of Neuroscience</i> , 2017, 37, 11688-11700.	3.6	44
57	The stress hormone system is back on the map. <i>Current Psychiatry Reports</i> , 2000, 2, 454-456.	4.5	41
58	Early life stress determines the effects of glucocorticoids and stress on hippocampal function: Electrophysiological and behavioral evidence respectively. <i>Neuropharmacology</i> , 2018, 133, 307-318.	4.1	41
59	Changes in Sleep-Endocrine Activity after Growth Hormone-Releasing Hormone Depend on Time of Administration. <i>Journal of Neuroendocrinology</i> , 1997, 9, 201-205.	2.6	40
60	FKBP5 Gene Expression Predicts Antidepressant Treatment Outcome in Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 485.	4.1	40
61	Suppressive effect of mirtazapine on the HPA system in acutely depressed women seems to be transient and not related to antidepressant action. <i>Psychoneuroendocrinology</i> , 2009, 34, 238-248.	2.7	36
62	Increased HPA axis response to psychosocial stress in remitted depression: the influence of coping style. <i>Biological Psychology</i> , 2014, 103, 267-275.	2.2	35
63	Neuropeptides and Human Sleep. <i>Sleep</i> , 1997, , .	1.1	32
64	Antidepressant Drug Discovery in the Postgenomic Era. <i>World Journal of Biological Psychiatry</i> , 2001, 2, 165-177.	2.6	31
65	Antiglucocorticoid treatment disrupts endocrine cycle and nocturnal sleep pattern. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1992, 241, 372-375.	3.2	30
66	Activational Effects of Gonadal Steroids on Hypothalamo-Pituitary-Adrenal Regulation in the Rat Disclosed by Response to Dexamethasone Suppression. <i>Journal of Neuroendocrinology</i> , 1997, 9, 129-134.	2.6	30
67	Searching for non-genetic molecular and imaging PTSD risk and resilience markers: Systematic review of literature and design of the German Armed Forces PTSD biomarker study. <i>Psychoneuroendocrinology</i> , 2015, 51, 444-458.	2.7	29
68	Polymorphisms in the BDNF and BDNFOS genes are associated with hypothalamus-pituitary axis regulation in major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 95, 109686.	4.8	29
69	Common genes associated with antidepressant response in mouse and man identify key role of glucocorticoid receptor sensitivity. <i>PLoS Biology</i> , 2017, 15, e2002690.	5.6	28
70	Morphine-Induced Locomotor and Neurochemical Stimulation is Enhanced in Transgenic Mice with Impaired Glucocorticoid Receptor Function. <i>Journal of Neuroendocrinology</i> , 1996, 8, 93-97.	2.6	27
71	Dexamethasone stimulated gene expression in peripheral blood indicates glucocorticoid-receptor hypersensitivity in job-related exhaustion. <i>Psychoneuroendocrinology</i> , 2014, 44, 35-46.	2.7	27
72	The Neuroactive Steroid 5?-Tetrahydrodeoxycorticosterone Increases GABAergic Postsynaptic Inhibition in Rat Neocortical Neurons in vitro. <i>Journal of Neuroendocrinology</i> , 1995, 7, 233-240.	2.6	26

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73	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
74	Mice selected for extremes in stress reactivity reveal key endophenotypes of major depression: A translational approach. <i>Psychoneuroendocrinology</i> , 2014, 49, 229-243.	2.7	24
75	Hypothalamo-pituitary-adrenal axis activity evolves differentially in untreated versus treated multiple sclerosis. <i>Psychoneuroendocrinology</i> , 2014, 45, 87-95.	2.7	24
76	Blood Mononuclear Cell Proteome Suggests Integrin and Ras Signaling as Critical Pathways for Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2014, 76, e15-e17.	1.3	22
77	High-Quality Antidepressant Discovery by Understanding Stress Hormone Physiology. <i>Annals of the New York Academy of Sciences</i> , 2003, 1007, 394-404.	3.8	21
78	Co-Expression of Wild-Type P2X7R with Gln460Arg Variant Alters Receptor Function. <i>PLoS ONE</i> , 2016, 11, e0151862.	2.5	21
79	Heart rate variability and cordance in rapid eye movement sleep as biomarkers of depression and treatment response. <i>Journal of Psychiatric Research</i> , 2017, 92, 64-73.	3.1	21
80	New insights into the intracellular distribution pattern of cationic amphiphilic drugs. <i>Scientific Reports</i> , 2017, 7, 44277.	3.3	21
81	Sleep-endocrine effects of mifepristone and megestrol acetate in healthy men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E139-E145.	3.5	20
82	Impaired glucocorticoid receptor function evolves in aberrant physiological responses to bacterial endotoxin. <i>European Journal of Neuroscience</i> , 1999, 11, 178-186.	2.6	20
83	Intranasally Applied Neuropeptide S Shifts a High-Anxiety Electrophysiological Endophenotype in the Ventral Hippocampus towards a "Normal"-Anxiety One. <i>PLoS ONE</i> , 2015, 10, e0120272.	2.5	20
84	Glucocorticoid receptor impairment enhances impulsive responding in transgenic mice performing on a simultaneous visual discrimination task. <i>European Journal of Neuroscience</i> , 2000, 12, 2559-2569.	2.6	17
85	Cordance derived from REM sleep EEG as a biomarker for treatment response in depression – a naturalistic study after antidepressant medication. <i>Journal of Psychiatric Research</i> , 2015, 63, 97-104.	3.1	16
86	Combined Treatment with Corticosteroids and Moclobemide Favors Normalization of Hypothalamo-Pituitary-Adrenal Axis Dysregulation in Relapsing-Remitting Multiple Sclerosis: A Randomized, Double Blind Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1610-1615.	3.6	13
87	Pharmacological Characterisation of Cortical $\hat{1}^3$ -Aminobutyric Acid Type A (GABA _A) Receptors in Two Wistar Rat Lines Selectively Bred for High and Low Anxiety-Related Behaviour. <i>World Journal of Biological Psychiatry</i> , 2000, 1, 137-143.	2.6	12
88	Cell type-specific modifications of corticotropin-releasing factor (CRF) and its type 1 receptor (CRF1) on startle behavior and sensorimotor gating. <i>Psychoneuroendocrinology</i> , 2015, 53, 16-28.	2.7	12
89	Effects of weariness of life, suicide ideations and suicide attempt on HPA axis regulation in depression. <i>Psychoneuroendocrinology</i> , 2021, 131, 105286.	2.7	11
90	Infusions of Tyrosine Hydroxylase Antisense Oligodeoxynucleotide into Substantia Nigra of the Rat: Effects on Tyrosine Hydroxylase mRNA and Protein Content, Striatal Dopamine Release and Behaviour. <i>European Journal of Neuroscience</i> , 1997, 9, 210-220.	2.6	8

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91	The involvement of neuropeptides in evolution, signaling, behavioral regulation and psychopathology: focus on vasopressin. <i>Drug Development Research</i> , 2005, 65, 185-190.	2.9	8
92	Sleep Endocrine Effects of Megestrol Acetate in Healthy Men. <i>Journal of Neuroendocrinology</i> , 1998, 10, 719-727.	2.6	7
93	Citalopram-induced pathways regulation and tentative treatment-outcome-predicting biomarkers in lymphoblastoid cell lines from depression patients. <i>Translational Psychiatry</i> , 2020, 10, 210.	4.8	7
94	Azidobupramine, an Antidepressant-Derived Bifunctional Neurotransmitter Transporter Ligand Allowing Covalent Labeling and Attachment of Fluorophores. <i>PLoS ONE</i> , 2016, 11, e0148608.	2.5	5
95	Effect of mirtazapine on metabolism and energy substrate partitioning in healthy men. <i>JCI Insight</i> , 2019, 4, .	5.0	5
96	Evidence for an enhanced procoagulant state in remitted major depression. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 766-774.	2.6	4
97	Unipolar versus bipolar disorder: A distinction not helpful for studies of causality. <i>Current Psychiatry Reports</i> , 2005, 7, 405-407.	4.5	3
98	Acute Stress-Induced Coagulation Activation in Patients With Remitted Major Depression Versus Healthy Controls and the Role of Stress-Specific Coping. <i>Annals of Behavioral Medicine</i> , 2020, 54, 611-618.	2.9	3
99	Redesigning antidepressant drug discovery. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 5-7.	3.7	2
100	Research Activity at the Max Planck Institute for Psychiatry (Munich): Depression in Later Life. <i>International Psychogeriatrics</i> , 1991, 3, 75-78.	1.0	0