

Hans-Gert Bernstein

List of Publications by Year in descending order

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80
papers

2,735
citations

201385

27
h-index

189595

50
g-index

81
all docs

81
docs citations

81
times ranked

4552
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Dopamine in Schizophrenia from a Neurobiological and Evolutionary Perspective: Old Fashioned, but Still in Vogue. <i>Frontiers in Psychiatry</i> , 2014, 5, 47.	1.3	273
2	Social behaviour in rats lesioned with ibotenic acid in the hippocampus: quantitative and qualitative analysis. <i>Psychopharmacology</i> , 1999, 144, 333-338.	1.5	179
3	Glial cells in schizophrenia: pathophysiological significance and possible consequences for therapy. <i>Expert Review of Neurotherapeutics</i> , 2009, 9, 1059-1071.	1.4	178
4	The many faces of nitric oxide in schizophrenia. A review. <i>Schizophrenia Research</i> , 2005, 78, 69-86.	1.1	167
5	Glial cells as key players in schizophrenia pathology: recent insights and concepts of therapy. <i>Schizophrenia Research</i> , 2015, 161, 4-18.	1.1	166
6	Regional and cellular distribution of neural visinin-like protein immunoreactivities (VILIP-1 and VILIP-3) in human brain. <i>Journal of Neurocytology</i> , 1999, 28, 655-662.	1.6	104
7	Nardilysin, ADAM10, and Alzheimer's disease: of mice and men. <i>Neurobiology of Aging</i> , 2014, 35, e1.	1.5	92
8	Prevalence of N-Methyl-D-Aspartate Receptor Autoantibodies in the Peripheral Blood. <i>JAMA Psychiatry</i> , 2014, 71, 838.	6.0	73
9	Agmatine: multifunctional arginine metabolite and magic bullet in clinical neuroscience?. <i>Biochemical Journal</i> , 2017, 474, 2619-2640.	1.7	70
10	The possible place of cathepsins and cystatins in the puzzle of Alzheimer disease. <i>Molecular and Chemical Neuropathology</i> , 1996, 27, 225-247.	1.0	68
11	Decreased Oligodendrocyte and Neuron Number in Anterior Hippocampal Areas and the Entire Hippocampus in Schizophrenia: A Stereological Postmortem Study. <i>Schizophrenia Bulletin</i> , 2016, 42, S4-S12.	2.3	68
12	Localization of neuregulin-1± (heregulin-1±) and one of its receptors, ErbB-4 tyrosine kinase, in developing and adult human brain. <i>Brain Research Bulletin</i> , 2006, 69, 546-559.	1.4	59
13	Strongly Reduced Number of Parvalbumin-Immunoreactive Projection Neurons in the Mammillary Bodies in Schizophrenia: Further Evidence for Limbic Neuropathology. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 120-127.	1.8	58
14	Tyrosine hydroxylase immunoreactivity in the locus coeruleus is reduced in depressed non-suicidal patients but normal in depressed suicide patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1999, 249, 212-219.	1.8	54
15	Agmatinase, an inactivator of the putative endogenous antidepressant agmatine, is strongly upregulated in hippocampal interneurons of subjects with mood disorders. <i>Neuropharmacology</i> , 2012, 62, 237-246.	2.0	50
16	Clozapine promotes glycolysis and myelin lipid synthesis in cultured oligodendrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 384.	1.8	45
17	Oxidative stress in drug-naïve first episode patients with schizophrenia and major depression: effects of disease acuity and potential confounders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 129-143.	1.8	45
18	Nitric Oxide and Schizophrenia: Present Knowledge and Emerging Concepts of Therapy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 792-807.	0.8	45

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19	Reduced microglial immunoreactivity for endogenous NMDA receptor agonist quinolinic acid in the hippocampus of schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2014, 41, 59-64.	2.0	42
20	Increased number of nitric oxide synthase immunoreactive Purkinje cells and dentate nucleus neurons in schizophrenia. <i>Journal of Neurocytology</i> , 2001, 30, 661-670.	1.6	40
21	Disruption of Glutamate-Glutamine-GABA Cycle Significantly Impacts on Suicidal Behaviour: Survey of the Literature and Own Findings on Glutamine Synthetase.. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 900-913.	0.8	40
22	Vascular and extravascular distribution of the ATP-binding cassette transporters ABCB1 and ABCC1 in aged human brain and pituitary. <i>Mechanisms of Ageing and Development</i> , 2014, 141-142, 12-21.	2.2	37
23	Oligodendrocyte and Interneuron Density in Hippocampal Subfields in Schizophrenia and Association of Oligodendrocyte Number with Cognitive Deficits. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 78.	1.8	37
24	Reduced density of glutamine synthetase immunoreactive astrocytes in different cortical areas in major depression but not in bipolar I disorder. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 273.	1.8	36
25	Brain region-specific changes in the expression of calcium sensor proteins after repeated applications of ketamine to rats. <i>Neuroscience Letters</i> , 2003, 339, 95-98.	1.0	34
26	Distribution of immunoreactive glutamine synthetase in the adult human and mouse brain. Qualitative and quantitative observations with special emphasis on extra-astroglial protein localization. <i>Journal of Chemical Neuroanatomy</i> , 2014, 61-62, 33-50.	1.0	34
27	ADAM (a disintegrin and metalloprotease) 12 is expressed in rat and human brain and localized to oligodendrocytes. <i>Journal of Neuroscience Research</i> , 2004, 75, 353-360.	1.3	30
28	Morphometric analysis of the cerebral expression of ATP-binding cassette transporter protein ABCB1 in chronic schizophrenia: Circumscribed deficits in the habenula. <i>Schizophrenia Research</i> , 2016, 177, 52-58.	1.1	28
29	GABAergic system impairment in the hippocampus and superior temporal gyrus of patients with paranoid schizophrenia: A post-mortem study. <i>Schizophrenia Research</i> , 2016, 177, 10-17.	1.1	27
30	A reduced number of cortical neurons show increased Caldesmon protein levels in chronic schizophrenia. <i>Schizophrenia Research</i> , 2007, 96, 246-256.	1.1	26
31	Increased densities of nitric oxide synthase expressing neurons in the temporal cortex and the hypothalamic paraventricular nucleus of polytoxicomaniac heroin overdose victims: Possible implications for heroin neurotoxicity. <i>Acta Histochemica</i> , 2014, 116, 182-190.	0.9	26
32	Increased Density of Prohibitin-Immunoreactive Oligodendrocytes in the Dorsolateral Prefrontal White Matter of Subjects with Schizophrenia Suggests Extraneuronal Roles for the Protein in the Disease. <i>NeuroMolecular Medicine</i> , 2012, 14, 270-280.	1.8	25
33	The immunolocalization of the synaptic glycoprotein neuropilin differs substantially between the human and the rodent brain. <i>Brain Research</i> , 2007, 1134, 107-112.	1.1	24
34	Reduced neuronal expression of insulin-degrading enzyme in the dorsolateral prefrontal cortex of patients with haloperidol-treated, chronic schizophrenia. <i>Journal of Psychiatric Research</i> , 2009, 43, 1095-1105.	1.5	23
35	Regional and cellular distribution patterns of insulin-degrading enzyme in the adult human brain and pituitary. <i>Journal of Chemical Neuroanatomy</i> , 2008, 35, 216-224.	1.0	22
36	Possible sources and functions of L-homoarginine in the brain: review of the literature and own findings. <i>Amino Acids</i> , 2015, 47, 1729-1740.	1.2	22

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37	Postmortem volumetric analysis of the nucleus accumbens in male heroin addicts: implications for deep brain stimulation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 647-653.	1.8	22
38	Reduced neuronal co-localisation of nardilysin and the putative β -secretases ADAM10 and ADAM17 in Alzheimer's disease and Down syndrome brains. <i>Age</i> , 2009, 31, 11-25.	3.0	20
39	Partial loss of parvalbumin-containing hippocampal interneurons in dementia with Lewy bodies. <i>Neuropathology</i> , 2011, 31, 1-10.	0.7	20
40	Glucose homeostasis in major depression and schizophrenia: a comparison among drug-naïve first-episode patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 373-377.	1.8	19
41	The hypothalamus and neuropsychiatric disorders: psychiatry meets microscopy. <i>Cell and Tissue Research</i> , 2019, 375, 243-258.	1.5	18
42	Differential regional and cellular distribution of TFF3 peptide in the human brain. <i>Amino Acids</i> , 2015, 47, 1053-1063.	1.2	15
43	Insulin-regulated aminopeptidase immunoreactivity is abundantly present in human hypothalamus and posterior pituitary gland, with reduced expression in paraventricular and suprachiasmatic neurons in chronic schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 427-443.	1.8	14
44	Beacon-like/ubiquitin-5-like immunoreactivity is highly expressed in human hypothalamus and increased in haloperidol-treated schizophrenics and a rat model of schizophrenia. <i>Psychoneuroendocrinology</i> , 2008, 33, 340-351.	1.3	13
45	Association of thyroid peroxidase antibodies with anti-neuronal surface antibodies in health, depression and schizophrenia – Complementary linkage with somatic symptoms of major depression. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 47-54.	2.0	13
46	Calretinin and parvalbumin in schizophrenia and affective disorders: a mini-review, a perspective on the evolutionary role of calretinin in schizophrenia, and a preliminary post-mortem study of calretinin in the septal nuclei. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 393.	1.8	12
47	Alternative Splicing, Expression and Cellular Localization of Calneuron-1 in the Rat and Human Brain. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 793-804.	1.3	12
48	Agmatine modulates spontaneous activity in neurons of the rat medial habenular complex – a relevant mechanism in the pathophysiology and treatment of depression?. <i>Translational Psychiatry</i> , 2018, 8, 201.	2.4	12
49	Perineuronal oligodendrocytes in health and disease: the journey so far. <i>Reviews in the Neurosciences</i> , 2019, 31, 89-99.	1.4	12
50	Increased density of AKAP5-expressing neurons in the anterior cingulate cortex of subjects with bipolar disorder. <i>Journal of Psychiatric Research</i> , 2013, 47, 699-705.	1.5	11
51	Decrease of serum S100B during an oral glucose tolerance test correlates inversely with the insulin response. <i>Psychoneuroendocrinology</i> , 2014, 39, 33-38.	1.3	11
52	Reduced volumes of the external and internal globus pallidus in male heroin addicts: a postmortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 317-324.	1.8	11
53	Binding varicella zoster virus: an underestimated facet of insulin-degrading enzyme's implication for Alzheimer's disease pathology?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 495-496.	1.8	11
54	Enhanced mitochondrial autophagy (mitophagy) in oligodendrocytes might play a role in white matter pathology in schizophrenia. <i>Medical Hypotheses</i> , 2020, 134, 109443.	0.8	11

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55	Absence of dopamine receptor serum autoantibodies in schizophrenia patients with an acute disease episode. <i>Schizophrenia Research</i> , 2014, 158, 272-274.	1.1	10
56	Total hypothalamic volume is reduced in postmortem brains of male heroin addicts. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 243-248.	1.8	10
57	ZNF804A Protein Is Widely Expressed in Human Brain Neurons: Possible Implications on Normal Brain Structure and Pathomorphologic Changes in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 499-500.	2.3	9
58	Differential distribution of Y-box-binding protein 1 and cold shock domain protein A in developing and adult human brain. <i>Brain Structure and Function</i> , 2015, 220, 2235-2245.	1.2	9
59	Commentary: Maternal immune activation evoked by polyinosinic: polycytidylic acid does not evoke microglial cell activation in the embryo. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 41.	1.8	9
60	Plasma xanthurenic acid in a context of insulin resistance and obesity in schizophrenia. <i>Schizophrenia Research</i> , 2019, 211, 98-99.	1.1	9
61	From putative brain tumor marker to high cognitive abilities: Emerging roles of a disintegrin and metalloprotease (ADAM) 12 in the brain. <i>Journal of Chemical Neuroanatomy</i> , 2020, 109, 101846.	1.0	9
62	Reduced habenular volumes and neuron numbers in male heroin addicts: a post-mortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 835-845.	1.8	8
63	Plasma Anthranilic Acid and Leptin Levels Predict HAM-D Scores in Depressed Women. <i>International Journal of Tryptophan Research</i> , 2021, 14, 117864692110164.	1.0	8
64	The implications of hypothalamic abnormalities for schizophrenia. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021, 182, 107-120.	1.0	8
65	In human brain ornithine transcarbamylase (OTC) immunoreactivity is strongly expressed in a small number of nitergic neurons. <i>Metabolic Brain Disease</i> , 2017, 32, 2143-2147.	1.4	6
66	Reduced Density of DISC1 Expressing Astrocytes in the Dentate Gyrus but not in the Subventricular Zone in Schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 457-458.	2.8	5
67	Polyamines and polyamine-metabolizing enzymes in schizophrenia: Current knowledge and concepts of therapy. <i>World Journal of Psychiatry</i> , 2021, 11, 1177-1190.	1.3	5
68	Neuregulin-1 alpha, the underestimated molecule: emerging new roles in normal brain function and the pathophysiology of schizophrenia?. <i>Genome</i> , 2013, 56, 703-704.	0.9	4
69	Detection of nitric oxide synthase (NOS) immunoreactive neurons in the human septal area: a matter of method?. <i>Journal of Chemical Neuroanatomy</i> , 2004, 27, 247-250.	1.0	3
70	Oestrogen Downregulates BACE Protein in Human Cell Culture: What Does This Teach Us about Alzheimer's Disease?. <i>Neurodegenerative Diseases</i> , 2011, 8, 153-154.	0.8	3
71	Decreased expression of nardilysin in SH-SY5Y cells under ethanol stress and reduced density of nardilysin-expressing neurons in brains of alcoholics. <i>Journal of Psychiatric Research</i> , 2013, 47, 343-349.	1.5	3
72	Postmortem studies indicate altered cell chemical composition of the suprachiasmatic nucleus in mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 871-872.	1.8	2

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73	SLC Solute Carrier Transporters and Neurodegenerative Disorders: Drawing Attention to Cationic Amino Acid Transporters 1 and 2. <i>Clinical Psychopharmacology and Neuroscience</i> , 2020, 18, 467-468.	0.9	2
74	Gender-specific elevation of plasma anthranilic acid in schizophrenia: Protection against glutamatergic hypofunction?. <i>Schizophrenia Research</i> , 2022, 243, 483-485.	1.1	2
75	Downregulation of Neuregulin 1-ErbB4 Signaling and Antidepressant Properties of Ketamine: ErbB4 Expressing Pyramidal Neurons May Play a Role. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 372-373.	1.1	1
76	Volumetric analysis of the diagonal band of Broca in patients with schizophrenia and affective disorders: A postmortem study. <i>Clinical Anatomy</i> , 2016, 29, 466-472.	1.5	1
77	Some notes on citrulline in the CNS. <i>Clinical Nutrition</i> , 2018, 37, 757.	2.3	1
78	Increased neuronal cell number in the dorsal motor nucleus of the vagus in schizophrenia. <i>Acta Neuropsychiatrica</i> , 2010, 22, 26-34.	1.0	0
79	Testing for Thyroid Peroxidase and Antineuronal Antibodies in and. <i>Methods in Molecular Biology</i> , 2022, 2343, 203-213.	0.4	0
80	Measurement of a Surrogate Biomarker for Arginine Vasopressin Secretion in Association with Physiometric and Molecular Biomarkers of Aging. <i>Methods in Molecular Biology</i> , 2020, 2138, 251-262.	0.4	0