

Ai-Min Bao

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,340
citations

201674

27
h-index

149698

56
g-index

64
all docs

64
docs citations

64
times ranked

4799
citing authors

#	ARTICLE	IF	CITATIONS
1	The stress system in the human brain in depression and neurodegeneration. <i>Ageing Research Reviews</i> , 2005, 4, 141-194.	10.9	786
2	Sexual differentiation of the human brain: Relation to gender identity, sexual orientation and neuropsychiatric disorders. <i>Frontiers in Neuroendocrinology</i> , 2011, 32, 214-226.	5.2	290
3	Sex Differences in the Brain, Behavior, and Neuropsychiatric Disorders. <i>Neuroscientist</i> , 2010, 16, 550-565.	3.5	177
4	Colocalization of corticotropin-releasing hormone and oestrogen receptor- β in the paraventricular nucleus of the hypothalamus in mood disorders. <i>Brain</i> , 2005, 128, 1301-1313.	7.6	163
5	Distribution of MT1 melatonin receptor immunoreactivity in the human hypothalamus and pituitary gland: Colocalization of MT1 with vasopressin, oxytocin, and corticotropin-releasing hormone. <i>Journal of Comparative Neurology</i> , 2006, 499, 897-910.	1.6	140
6	The human hypothalamus in mood disorders: The HPA axis in the center. <i>IBRO Reports</i> , 2019, 6, 45-53.	0.3	117
7	The human histaminergic system in neuropsychiatric disorders. <i>Trends in Neurosciences</i> , 2015, 38, 167-177.	8.6	79
8	Sex differences in the stress response in SD rats. <i>Behavioural Brain Research</i> , 2015, 284, 231-237.	2.2	77
9	Diurnal rhythms of free estradiol and cortisol during the normal menstrual cycle in women with major depression. <i>Hormones and Behavior</i> , 2004, 45, 93-102.	2.1	73
10	Reconstruction of the Hypothalamo-Neurohypophysial System and Functional Dissection of Magnocellular Oxytocin Neurons in the Brain. <i>Neuron</i> , 2021, 109, 331-346.e7.	8.1	73
11	The Involvement of Retinoic Acid Receptor- β in Corticotropin-Releasing Hormone Gene Expression and Affective Disorders. <i>Biological Psychiatry</i> , 2009, 66, 832-839.	1.3	69
12	Corticotropin-Releasing Hormone, Glutamate, and β -Aminobutyric Acid in Depression. <i>Neuroscientist</i> , 2011, 17, 124-144.	3.5	64
13	Alterations in the histaminergic system in Alzheimer's disease: a postmortem study. <i>Neurobiology of Aging</i> , 2012, 33, 2585-2598.	3.1	64
14	MicroRNA-132 and early growth response-1 in nucleus basalis of Meynert during the course of Alzheimer's disease. <i>Brain</i> , 2016, 139, 908-921.	7.6	62
15	Gender Difference in Age-Related Number of Corticotropin-Releasing Hormone-Expressing Neurons in the Human Hypothalamic Paraventricular Nucleus and the Role of Sex Hormones. <i>Neuroendocrinology</i> , 2007, 85, 27-36.	2.5	60
16	Decreased NOS1 Expression in the Anterior Cingulate Cortex in Depression. <i>Cerebral Cortex</i> , 2013, 23, 2956-2964.	2.9	59
17	Alterations in the histaminergic system in the substantia nigra and striatum of Parkinson's patients: a postmortem study. <i>Neurobiology of Aging</i> , 2012, 33, 1488.e1-1488.e13.	3.1	56
18	Decreased plasma neuroactive amino acids and increased nitric oxide levels in melancholic major depressive disorder. <i>BMC Psychiatry</i> , 2014, 14, 123.	2.6	55

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19	Sexually Dimorphic Changes of Hypocretin (Orexin) in Depression. <i>EBioMedicine</i> , 2017, 18, 311-319.	6.1	55
20	Effect of pentobarbital and isoflurane on acute stress response in rat. <i>Physiology and Behavior</i> , 2015, 145, 118-121.	2.1	54
21	Corticotropin-Releasing Hormone and Arginine Vasopressin in Depression. <i>Vitamins and Hormones</i> , 2010, 82, 339-365.	1.7	45
22	Diurnal Fluctuation in Histidine Decarboxylase Expression, the Rate Limiting Enzyme for Histamine Production, and Its Disorder in Neurodegenerative Diseases. <i>Sleep</i> , 2012, 35, 713-715.	1.1	39
23	Standardized Operational Protocol for Human Brain Banking in China. <i>Neuroscience Bulletin</i> , 2019, 35, 270-276.	2.9	39
24	Functional Increase of Brain Histaminergic Signaling in Huntington's Disease. <i>Brain Pathology</i> , 2011, 21, 419-427.	4.1	37
25	Direct Involvement of Androgen Receptor in Oxytocin Gene Expression: Possible Relevance for Mood Disorders. <i>Neuropsychopharmacology</i> , 2017, 42, 2064-2071.	5.4	35
26	Neuronal histamine production remains unaltered in Parkinson's disease despite the accumulation of Lewy bodies and Lewy neurites in the tuberomammillary nucleus. <i>Neurobiology of Aging</i> , 2012, 33, 1343-1344.	3.1	34
27	Brain banking as a cornerstone of neuroscience in China. <i>Lancet Neurology</i> , The, 2015, 14, 136.	10.2	31
28	Early growth response-1 regulates acetylcholinesterase and its relation with the course of Alzheimer's disease. <i>Brain Pathology</i> , 2019, 29, 502-512.	4.1	30
29	Sex hormones affect acute and chronic stress responses in sexually dimorphic patterns: Consequences for depression models. <i>Psychoneuroendocrinology</i> , 2018, 95, 34-42.	2.7	29
30	Sex differences in stress-related disorders: Major depressive disorder, bipolar disorder, and posttraumatic stress disorder. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 175, 335-358.	1.8	29
31	Human Brain Slice Culture: A Useful Tool to Study Brain Disorders and Potential Therapeutic Compounds. <i>Neuroscience Bulletin</i> , 2019, 35, 244-252.	2.9	28
32	(Re-)activation of neurons in aging and dementia: Lessons from the hypothalamus. <i>Experimental Gerontology</i> , 2011, 46, 178-184.	2.8	27
33	Reduced GAD65/67 immunoreactivity in the hypothalamic paraventricular nucleus in depression: A postmortem study. <i>Journal of Affective Disorders</i> , 2013, 149, 422-425.	4.1	27
34	Neuronal histaminergic system in aging and age-related neurodegenerative disorders. <i>Experimental Gerontology</i> , 2013, 48, 603-607.	2.8	27
35	A quantitative in situ hybridization protocol for formalin-fixed paraffin-embedded archival post-mortem human brain tissue. <i>Methods</i> , 2010, 52, 359-366.	3.8	24
36	Increased glutamic acid decarboxylase expression in the hypothalamic suprachiasmatic nucleus in depression. <i>Brain Structure and Function</i> , 2017, 222, 4079-4088.	2.3	21

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37	The art of matching brain tissue from patients and controls for postmortem research. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 150, 197-217.	1.8	21
38	Histamine H1 receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. Nature Communications, 2021, 12, 1142.	12.8	21
39	Sexual differentiation of the human hypothalamus: Relationship to gender identity and sexual orientation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 181, 427-443.	1.8	19
40	High-performance liquid chromatographic determination of histamine in biological samples: The cerebrospinal fluid challenge – A review. Analytica Chimica Acta, 2013, 774, 1-10.	5.4	18
41	Nitric oxide synthase and nitric oxide alterations in chronically stressed rats: A model for nitric oxide in major depressive disorder. Psychoneuroendocrinology, 2014, 47, 136-140.	2.7	18
42	ErbB4 deletion in noradrenergic neurons in the locus coeruleus induces mania-like behavior via elevated catecholamines. ELife, 2018, 7, .	6.0	17
43	A sensitive and practical RP-HPLC-FLD for determination of the low neuroactive amino acid levels in body fluids and its application in depression. Neuroscience Letters, 2016, 616, 32-37.	2.1	16
44	Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study. Journal of Affective Disorders, 2020, 277, 620-630.	4.1	16
45	Unaltered histaminergic system in depression: A postmortem study. Journal of Affective Disorders, 2013, 146, 220-223.	4.1	15
46	Changes in Histidine Decarboxylase, Histamine N-Methyltransferase and Histamine Receptors in Neuropsychiatric Disorders. Handbook of Experimental Pharmacology, 2017, 241, 259-276.	1.8	14
47	Aromatase changes in depression: A postmortem and animal experimental study. Psychoneuroendocrinology, 2017, 77, 56-62.	2.7	12
48	Changes of Hypocretin (Orexin) System in Schizophrenia: From Plasma to Brain. Schizophrenia Bulletin, 2021, 47, 1310-1319.	4.3	12
49	Sex differences in the neuropathological hallmarks of Alzheimer’s disease: focus on cognitively intact elderly individuals. Neuropathology and Applied Neurobiology, 2021, 47, 958-966.	3.2	11
50	Quantification of Tyrosine Hydroxylase and ErbB4 in the Locus Coeruleus of Mood Disorder Patients Using a Multispectral Method to Prevent Interference with Immunocytochemical Signals by Neuromelanin. Neuroscience Bulletin, 2019, 35, 205-215.	2.9	11
51	Activation of the Brain to Postpone Dementia: A Concept Originating from Postmortem Human Brain Studies. Neuroscience Bulletin, 2019, 35, 253-266.	2.9	10
52	Progress in Human Brain Banking in China. Neuroscience Bulletin, 2019, 35, 179-182.	2.9	8
53	Distinct proteomic profiles in prefrontal subareas of elderly major depressive disorder and bipolar disorder patients. Translational Psychiatry, 2022, 12, .	4.8	6
54	Matching of the postmortem hypothalamus from patients and controls. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 141-156.	1.8	5

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55	Sexual Differentiation of the Human Brain in Relation to Gender-Identity, Sexual Orientation, and Neuropsychiatric Disorders. , 2013, , 2973-2998.		4
56	The stress systems in depression: a postmortem study. HÅggre Utbildning, 2014, 5, 26521.	3.0	4
57	Rapid membrane effect of estrogens on stimulation of corticotropin-releasing hormone. Psychoneuroendocrinology, 2020, 117, 104680.	2.7	4
58	Sexual Identity and Sexual Orientation. , 2017, , 279-290.		2
59	Sexual Differentiation of the Human Brain in Relation to Gender-Identity, Sexual Orientation, and Neuropsychiatric Disorders. , 2016, , 3917-3942.		0
60	Examining how our brain determines gender identity. Nature Reviews Endocrinology, 2022, , .	9.6	0