

# 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  | Examining how our brain determines gender identity. <i>Nature Reviews Endocrinology</i> , 2022, , .   | 9.6  | 0         |
| 2  | Distinct proteomic profiles in prefrontal subareas of elderly major depressive disorder and bipolar disorder patients. <i>Translational Psychiatry</i> , 2022, 12, .  | 4.8  | 6         |
| 3  | 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        |
| 4  | Sexual differentiation of the human hypothalamus: Relationship to gender identity and sexual orientation. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 181, 427-443.   | 1.8  | 19        |
| 5  | Histamine H1 receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. <i>Nature Communications</i> , 2021, 12, 1142.  | 12.8 | 21        |
| 6  | Sex differences in the neuropathological hallmarks of Alzheimer's disease: focus on cognitively intact elderly individuals. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 958-966.   | 3.2  | 11        |
| 7  | Changes of Hypocretin (Orexin) System in Schizophrenia: From Plasma to Brain. <i>Schizophrenia Bulletin</i> , 2021, 47, 1310-1319.  | 4.3  | 12        |
| 8  | Matching of the postmortem hypothalamus from patients and controls. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 141-156.   | 1.8  | 5         |
| 9  | 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        |
| 10 | Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study. <i>Journal of Affective Disorders</i> , 2020, 277, 620-630.  | 4.1  | 16        |
| 11 | Rapid membrane effect of estrogens on stimulation of corticotropin-releasing hormone. <i>Psychoneuroendocrinology</i> , 2020, 117, 104680.  | 2.7  | 4         |
| 12 | The human hypothalamus in mood disorders: The HPA axis in the center. <i>IBRO Reports</i> , 2019, 6, 45-53.   | 0.3  | 117       |
| 13 | Progress in Human Brain Banking in China. <i>Neuroscience Bulletin</i> , 2019, 35, 179-182.   | 2.9  | 8         |
| 14 | Activation of the Brain to Postpone Dementia: A Concept Originating from Postmortem Human Brain Studies. <i>Neuroscience Bulletin</i> , 2019, 35, 253-266.  | 2.9  | 10        |
| 15 | Standardized Operational Protocol for Human Brain Banking in China. <i>Neuroscience Bulletin</i> , 2019, 35, 270-276.   | 2.9  | 39        |
| 16 | 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        |
| 17 | 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        |
| 18 | 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. <i>Neuroscience Bulletin</i> , 2019, 35, 205-215. | 2.9  | 11        |

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|----|--|------|-----------|
| 19 | ErbB4 deletion in noradrenergic neurons in the locus coeruleus induces mania-like behavior via elevated catecholamines. <i>ELife</i> , 2018, 7, .  | 6.0  | 17        |
| 20 | 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        |
| 21 | The art of matching brain tissue from patients and controls for postmortem research. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 150, 197-217.               | 1.8  | 21        |
| 22 | Changes in Histidine Decarboxylase, Histamine N-Methyltransferase and Histamine Receptors in Neuropsychiatric Disorders. <i>Handbook of Experimental Pharmacology</i> , 2017, 241, 259-276.        | 1.8  | 14        |
| 23 | Direct Involvement of Androgen Receptor in Oxytocin Gene Expression: Possible Relevance for Mood Disorders. <i>Neuropsychopharmacology</i> , 2017, 42, 2064-2071.                                  | 5.4  | 35        |
| 24 | 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        |
| 25 | Sexually Dimorphic Changes of Hypocretin (Orexin) in Depression. <i>EBioMedicine</i> , 2017, 18, 311-319.  | 6.1  | 55        |
| 26 | Aromatase changes in depression: A postmortem and animal experimental study. <i>Psychoneuroendocrinology</i> , 2017, 77, 56-62.  | 2.7  | 12        |
| 27 | Sexual Identity and Sexual Orientation. , 2017, , 279-290.   |      | 2         |
| 28 | A sensitive and practical RP-HPLC-FLD for determination of the low neuroactive amino acid levels in body fluids and its application in depression. <i>Neuroscience Letters</i> , 2016, 616, 32-37. | 2.1  | 16        |
| 29 | 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        |
| 30 | Sexual Differentiation of the Human Brain in Relation to Gender-Identity, Sexual Orientation, and Neuropsychiatric Disorders. , 2016, , 3917-3942.   |      | 0         |
| 31 | The human histaminergic system in neuropsychiatric disorders. <i>Trends in Neurosciences</i> , 2015, 38, 167-177.  | 8.6  | 79        |
| 32 | Brain banking as a cornerstone of neuroscience in China. <i>Lancet Neurology</i> , The, 2015, 14, 136.   | 10.2 | 31        |
| 33 | Sex differences in the stress response in SD rats. <i>Behavioural Brain Research</i> , 2015, 284, 231-237.   | 2.2  | 77        |
| 34 | Effect of pentobarbital and isoflurane on acute stress response in rat. <i>Physiology and Behavior</i> , 2015, 145, 118-121.   | 2.1  | 54        |
| 35 | 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        |
| 36 | Nitric oxide synthase and nitric oxide alterations in chronically stressed rats: A model for nitric oxide in major depressive disorder. <i>Psychoneuroendocrinology</i> , 2014, 47, 136-140.       | 2.7  | 18        |

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|----|--|-----|-----------|
| 37 | The stress systems in depression: a postmortem study. <i>HÅrgrre Utbildning</i> , 2014, 5, 26521.  | 3.0 | 4         |
| 38 | 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        |
| 39 | Unaltered histaminergic system in depression: A postmortem study. <i>Journal of Affective Disorders</i> , 2013, 146, 220-223.  | 4.1 | 15        |
| 40 | Neuronal histaminergic system in aging and age-related neurodegenerative disorders. <i>Experimental Gerontology</i> , 2013, 48, 603-607.   | 2.8 | 27        |
| 41 | High-performance liquid chromatographic determination of histamine in biological samples: The cerebrospinal fluid challenge – A review. <i>Analytica Chimica Acta</i> , 2013, 774, 1-10.                             | 5.4 | 18        |
| 42 | Sexual Differentiation of the Human Brain in Relation to Gender-Identity, Sexual Orientation, and Neuropsychiatric Disorders. , 2013, , 2973-2998.   |     | 4         |
| 43 | Decreased NOS1 Expression in the Anterior Cingulate Cortex in Depression. <i>Cerebral Cortex</i> , 2013, 23, 2956-2964.  | 2.9 | 59        |
| 44 | Neuronal histamine production remains unaltered in Parkinson's disease despite the accumulation of Lewy bodies and Lewy neurites in the tuberomamillary nucleus. <i>Neurobiology of Aging</i> , 2012, 33, 1343-1344. | 3.1 | 34        |
| 45 | 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        |
| 46 | Alterations in the histaminergic system in Alzheimer's disease: a postmortem study. <i>Neurobiology of Aging</i> , 2012, 33, 2585-2598.  | 3.1 | 64        |
| 47 | 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        |
| 48 | Functional Increase of Brain Histaminergic Signaling in Huntington's Disease. <i>Brain Pathology</i> , 2011, 21, 419-427.  | 4.1 | 37        |
| 49 | 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       |
| 50 | (Re-)activation of neurons in aging and dementia: Lessons from the hypothalamus. <i>Experimental Gerontology</i> , 2011, 46, 178-184.  | 2.8 | 27        |
| 51 | Corticotropin-Releasing Hormone, Glutamate, and $\hat{1}^3$ -Aminobutyric Acid in Depression. <i>Neuroscientist</i> , 2011, 17, 124-144.   | 3.5 | 64        |
| 52 | Corticotropin-Releasing Hormone and Arginine Vasopressin in Depression. <i>Vitamins and Hormones</i> , 2010, 82, 339-365.  | 1.7 | 45        |
| 53 | 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        |
| 54 | Sex Differences in the Brain, Behavior, and Neuropsychiatric Disorders. <i>Neuroscientist</i> , 2010, 16, 550-565.   | 3.5 | 177       |

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|----|---|------|-----------|
| 55 | The Involvement of Retinoic Acid Receptor- $\beta$ in Corticotropin-Releasing Hormone Gene Expression and Affective Disorders. <i>Biological Psychiatry</i> , 2009, 66, 832-839.  | 1.3  | 69        |
| 56 | 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        |
| 57 | 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       |
| 58 | Colocalization of corticotropin-releasing hormone and oestrogen receptor- $\beta$ in the paraventricular nucleus of the hypothalamus in mood disorders. <i>Brain</i> , 2005, 128, 1301-1313.  | 7.6  | 163       |
| 59 | The stress system in the human brain in depression and neurodegeneration. <i>Ageing Research Reviews</i> , 2005, 4, 141-194.  | 10.9 | 786       |
| 60 | 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        |