

# Xiao-Dong Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1307412/publications.pdf>

Version: 2024-02-01

85  
papers

3,537  
citations

159358

30  
h-index

155451

55  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia mediate forgetting via complement-dependent synaptic elimination. <i>Science</i> , 2020, 367, 688-694.	6.0	351
2	The involvement of FK506-binding protein 51 (FKBP5) in the behavioral and neuroendocrine effects of chronic social defeat stress. <i>Neuropharmacology</i> , 2012, 62, 332-339.	2.0	195
3	Identification of a prefrontal cortex-to-amygdala pathway for chronic stress-induced anxiety. <i>Nature Communications</i> , 2020, 11, 2221.	5.8	175
4	Amplitude of Low-Frequency Oscillations in First-Episode, Treatment-Naive Patients with Major Depressive Disorder: A Resting-State Functional MRI Study. <i>PLoS ONE</i> , 2012, 7, e48658.	1.1	157
5	Forebrain CRF <sub>1</sub> Modulates Early-Life Stress-Programmed Cognitive Deficits. <i>Journal of Neuroscience</i> , 2011, 31, 13625-13634.	1.7	154
6	Early life stress paradigms in rodents: potential animal models of depression?. <i>Psychopharmacology</i> , 2011, 214, 131-140.	1.5	153
7	Forebrain CRHR1 deficiency attenuates chronic stress-induced cognitive deficits and dendritic remodeling. <i>Neurobiology of Disease</i> , 2011, 42, 300-310.	2.1	138
8	Evidence supporting the match/mismatch hypothesis of psychiatric disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 907-918.	0.3	125
9	Nectin-3 links CRHR1 signaling to stress-induced memory deficits and spine loss. <i>Nature Neuroscience</i> , 2013, 16, 706-713.	7.1	123
10	Robust liver vessel extraction using 3D U-Net with variant dice loss function. <i>Computers in Biology and Medicine</i> , 2018, 101, 153-162.	3.9	117
11	Chronic Stress Remodels Synapses in an Amygdala Circuitâ€“Specific Manner. <i>Biological Psychiatry</i> , 2019, 85, 189-201.	0.7	111
12	Early-life stressâ€“induced anxietyâ€“related behavior in adult mice partially requires forebrain corticotropinâ€“releasing hormone receptor 1. <i>European Journal of Neuroscience</i> , 2012, 36, 2360-2367.	1.2	91
13	Stress during a Critical Postnatal Period Induces Region-Specific Structural Abnormalities and Dysfunction of the Prefrontal Cortex via CRF1. <i>Neuropsychopharmacology</i> , 2015, 40, 1203-1215.	2.8	88
14	Prefrontal Cortex Corticotropin-Releasing Factor Receptor 1 Conveys Acute Stress-Induced Executive Dysfunction. <i>Biological Psychiatry</i> , 2016, 80, 743-753.	0.7	74
15	Blockade of corticotropinâ€“releasing hormone receptor 1 attenuates early-life stressâ€“induced synaptic abnormalities in the neonatal hippocampus. <i>Hippocampus</i> , 2014, 24, 528-540.	0.9	68
16	Hippocampal neuroligin-2 links early-life stress with impaired social recognition and increased aggression in adult mice. <i>Psychoneuroendocrinology</i> , 2015, 55, 128-143.	1.3	63
17	Homer1/mGluR5 Activity Moderates Vulnerability to Chronic Social Stress. <i>Neuropsychopharmacology</i> , 2015, 40, 1222-1233.	2.8	63
18	Homer1 Mediates Acute Stress-Induced Cognitive Deficits in the Dorsal Hippocampus. <i>Journal of Neuroscience</i> , 2013, 33, 3857-3864.	1.7	60

#	ARTICLE	IF	CITATIONS
19	Pituitary glucocorticoid receptor deletion reduces vulnerability to chronic stress. <i>Psychoneuroendocrinology</i> , 2011, 36, 579-587.	1.3	56
20	Sorafenib Plus Hepatic Arterial Infusion Chemotherapy versus Sorafenib for Hepatocellular Carcinoma with Major Portal Vein Tumor Thrombosis: A Randomized Trial. <i>Radiology</i> , 2022, 303, 455-464.	3.6	53
21	Suppressed Calbindin Levels in Hippocampal Excitatory Neurons Mediate Stress-Induced Memory Loss. <i>Cell Reports</i> , 2017, 21, 891-900.	2.9	52
22	Differences in FKBP51 Regulation Following Chronic Social Defeat Stress Correlate with Individual Stress Sensitivity: Influence of Paroxetine Treatment. <i>Neuropsychopharmacology</i> , 2012, 37, 2797-2808.	2.8	51
23	Loss of MeCP2 in cholinergic neurons causes part of RTT-like phenotypes via $\hat{1}\pm 7$ receptor in hippocampus. <i>Cell Research</i> , 2016, 26, 728-742.	5.7	51
24	Melatonin Augments the Effects of Fluoxetine on Depression-Like Behavior and Hippocampal BDNF $\hat{a}\epsilon$ TrkB Signaling. <i>Neuroscience Bulletin</i> , 2018, 34, 303-311.	1.5	47
25	Fully automatic liver segmentation in CT images using modified graph cuts and feature detection. <i>Computers in Biology and Medicine</i> , 2018, 95, 198-208.	3.9	41
26	Risperidone attenuates MK-801-induced hyperlocomotion in mice via the blockade of serotonin 5-HT <sub>2A/2C</sub> receptors. <i>European Journal of Pharmacology</i> , 2007, 564, 123-130.	1.7	39
27	Hepatic Arterial Infusion Chemotherapy Using Oxaliplatin Plus 5-Fluorouracil Versus Transarterial Chemoembolization/Embolization for the Treatment of Advanced Hepatocellular Carcinoma with Major Portal Vein Tumor Thrombosis. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 996-1005.	0.9	37
28	Chronic antipsychotic drug administration alters the expression of neuregulin 1 $\hat{2}$ , ErbB2, ErbB3, and ErbB4 in the rat prefrontal cortex and hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 553-61.	1.0	36
29	Phase II Study of Hepatic Arterial Infusion Chemotherapy with Oxaliplatin and 5-Fluorouracil for Advanced Perihilar Cholangiocarcinoma. <i>Radiology</i> , 2017, 283, 580-589.	3.6	36
30	Fkbp52 heterozygosity alters behavioral, endocrine and neurogenetic parameters under basal and chronic stress conditions in mice. <i>Psychoneuroendocrinology</i> , 2012, 37, 2009-2021.	1.3	35
31	Real-world study of hepatic artery infusion chemotherapy combined with anti-PD-1 immunotherapy and tyrosine kinase inhibitors for advanced hepatocellular carcinoma. <i>Immunotherapy</i> , 2021, 13, 1395-1405.	1.0	35
32	circCCT3 Modulates Vascular Endothelial Growth Factor A and Wnt Signaling to Enhance Colorectal Cancer Metastasis Through Sponging miR-613. <i>DNA and Cell Biology</i> , 2020, 39, 118-125.	0.9	34
33	Cardiac complications in systemic sclerosis: early diagnosis and treatment. <i>Chinese Medical Journal</i> , 2019, 132, 2865-2871.	0.9	31
34	Nectin-3 modulates the structural plasticity of dentate granule cells and long-term memory. <i>Translational Psychiatry</i> , 2017, 7, e1228-e1228.	2.4	30
35	Tactile modulation of memory and anxiety requires dentate granule cells along the dorsoventral axis. <i>Nature Communications</i> , 2020, 11, 6045.	5.8	30
36	Impaired working memory by repeated neonatal MK-801 treatment is ameliorated by galantamine in adult rats. <i>European Journal of Pharmacology</i> , 2014, 725, 32-39.	1.7	27

#	ARTICLE	IF	CITATIONS
37	Long-term effects of neonatal exposure to MK-801 on recognition memory and excitatory-inhibitory balance in rat hippocampus. <i>Neuroscience</i> , 2015, 308, 134-143.	1.1	27
38	The stress-inducible actin-interacting protein DRR1 shapes social behavior. <i>Psychoneuroendocrinology</i> , 2014, 48, 98-110.	1.3	25
39	Early postnatal stress suppresses the developmental trajectory of hippocampal pyramidal neurons: the role of CRHR1. <i>Brain Structure and Function</i> , 2016, 221, 4525-4536.	1.2	23
40	Repeated Blockade of NMDA Receptors During Adolescence Impairs Reversal Learning and Disrupts GABAergic Interneurons in Rat Medial Prefrontal Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 17.	1.4	22
41	Hepatic artery infusion with raltitrexed or 5-fluorouracil for colorectal cancer liver metastasis. <i>World Journal of Gastroenterology</i> , 2017, 23, 1406.	1.4	22
42	Histamine H1 receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. <i>Nature Communications</i> , 2021, 12, 1142.	5.8	21
43	Role of trace amine-associated receptor 1 in the medial prefrontal cortex in chronic social stress-induced cognitive deficits in mice. <i>Pharmacological Research</i> , 2021, 167, 105571.	3.1	20
44	Age-specific effects of early MK-801 treatment on working memory in female rats. <i>NeuroReport</i> , 2011, 22, 402-406.	0.6	19
45	Enhanced interaction among ErbB4, PSD-95 and NMDAR by chronic MK-801 treatment is associated with behavioral abnormalities. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 108, 44-53.	1.3	18
46	Neonatal MK-801 treatment differentially alters the effect of adolescent or adult MK-801 challenge on locomotion and PPI in male and female rats. <i>Journal of Psychopharmacology</i> , 2013, 27, 845-853.	2.0	17
47	Cystic Artery Localization with a Three-dimensional Angiography Vessel Tracking System Compared with Conventional Two-dimensional Angiography. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1414-1419.	0.2	16
48	A Critical Time-Window for the Selective Induction of Hippocampal Memory Consolidation by a Brief Episode of Slow-Wave Sleep. <i>Neuroscience Bulletin</i> , 2018, 34, 1091-1099.	1.5	16
49	Expressions of Neuregulin 1 and ErbB4 in Prefrontal Cortex and Hippocampus of a Rat Schizophrenia Model Induced by Chronic MK-801 Administration. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-7.	3.0	15
50	Dorsal CA1 interneurons contribute to acute stress-induced spatial memory deficits. <i>Neuropharmacology</i> , 2018, 135, 474-486.	2.0	14
51	Late endosomes promote microglia migration via cytosolic translocation of immature protease cathD. <i>Science Advances</i> , 2020, 6, .	4.7	14
52	The lncRNA PVT1 regulates autophagy in regulatory T cells to suppress heart transplant rejection in mice by targeting miR-146a. <i>Cellular Immunology</i> , 2021, 367, 104400.	1.4	14
53	Lipiodol retention pattern assessed by cone beam computed tomography during conventional transarterial chemoembolization of hepatocellular carcinoma: accuracy and correlation with response. <i>Cancer Imaging</i> , 2016, 16, 32.	1.2	13
54	Sorafenib combined with embolization plus hepatic arterial infusion chemotherapy for inoperable hepatocellular carcinoma. <i>World Journal of Gastrointestinal Oncology</i> , 2020, 12, 663-676.	0.8	13

#	ARTICLE	IF	CITATIONS
55	A short period of early life oxytocin treatment rescues social behavior dysfunction via suppression of hippocampal hyperactivity in male mice. <i>Molecular Psychiatry</i> , 2022, 27, 4157-4171.	4.1	13
56	The noncanonical role of the protease cathepsin D as a cofilin phosphatase. <i>Cell Research</i> , 2021, 31, 801-813.	5.7	11
57	Prenatal Exposure to Antipsychotics Disrupts the Plasticity of Dentate Neurons and Memory in Adult Male Mice. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 71-82.	1.0	10
58	Prefrontal Nectin3 Reduction Mediates Adolescent Stress-Induced Deficits of Social Memory, Spatial Working Memory, and Dendritic Structure in Mice. <i>Neuroscience Bulletin</i> , 2020, 36, 860-874.	1.5	10
59	Dual phase cone-beam computed tomography in detecting < 3 cm hepatocellular carcinomas during transarterial chemoembolization. <i>Journal of Cancer Research and Therapeutics</i> , 2017, 13, 38.	0.3	10
60	Preliminary clinical efficacy of iodine-125 seed implantation for the treatment of advanced malignant lung tumors. <i>Journal of Cancer Research and Therapeutics</i> , 2019, 15, 1567.	0.3	10
61	A comparative study between Embosphere(®) and conventional transcatheter arterial chemoembolization for treatment of unresectable liver metastasis from GIST. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2014, 26, 124-31.	0.7	10
62	Hepatic Artery Injection of <sup>131</sup> I-Metuximab Combined with Transcatheter Arterial Chemoembolization for Unresectable Hepatocellular Carcinoma: A Prospective Nonrandomized, Multicenter Clinical Trial. <i>Journal of Nuclear Medicine</i> , 2022, 63, 556-559.	2.8	9
63	Evaluation of percutaneous unilateral trans-femoral implantation of side-hole port-catheter system with coil only fixed-catheter-tip for hepatic arterial infusion chemotherapy. <i>Cancer Imaging</i> , 2019, 19, 15.	1.2	8
64	Combination Therapy of Chemoembolization and Hepatic Arterial Infusion Chemotherapy in Hepatocellular Carcinoma with Portal Vein Tumor Thrombosis Compared with Chemoembolization Alone: A Propensity Score-Matched Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	8
65	Acute and delayed bleeding requiring embolization after image-guided liver biopsy in patients with cancer. <i>Clinical Imaging</i> , 2016, 40, 535-540.	0.8	7
66	Postnatal nectin-3 knockdown induces structural abnormalities of hippocampal principal neurons and memory deficits in adult mice. <i>Hippocampus</i> , 2019, 29, 1063-1074.	0.9	7
67	Preoperative Ultrasound-Guided Trigeminal Nerve Block in Orthognathic Surgery: A Prospective Study About Its Efficacy of Intraoperative Anesthetic Dosage and Postoperative Analgesia. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 2042-2050.	0.5	7
68	MiR-146a regulates regulatory T cells to suppress heart transplant rejection in mice. <i>Cell Death Discovery</i> , 2021, 7, 165.	2.0	7
69	Chronic Stress Reduces Nectin-1 mRNA Levels and Disrupts Dendritic Spine Plasticity in the Adult Mouse Perirhinal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 67.	1.8	6
70	Disrupting phosphorylation of Tyr-1070 at GluN2B selectively produces resilience to depression-like behaviors. <i>Cell Reports</i> , 2021, 36, 109612.	2.9	6
71	Transarterial chemoembolization with hepatic arterial infusion chemotherapy plus S-1 for hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2020, 26, 3975-3988.	1.4	6
72	Editorial: Molecular Mechanisms for Reprogramming Hippocampal Development and Function by Early-Life Stress. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 6.	1.4	5

#	ARTICLE	IF	CITATIONS
73	Successful endovascular treatment of popliteal artery entrapment syndrome: a case report with 3-years follow-up. <i>Journal of Thrombosis and Thrombolysis</i> , 2017, 44, 112-117.	1.0	5
74	Robust extraction for low-contrast liver tumors using modified adaptive likelihood estimation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 1565-1578.	1.7	5
75	Hepatic Arterial Infusion Chemotherapy with Oxaliplatin and 5-Fluorouracil for Advanced Gallbladder Cancer. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 271-280.	0.9	5
76	Safety and efficacy of hepatic arterial infusion chemotherapy with raltitrexed and oxaliplatin post-transarterial chemoembolization for unresectable hepatocellular carcinoma. <i>Journal of Interventional Medicine</i> , 2019, 2, 91-96.	0.2	3
77	Effect of primary tumor side on survival outcomes in metastatic colorectal cancer patients after hepatic arterial infusion chemotherapy. <i>World Journal of Gastrointestinal Oncology</i> , 2018, 10, 431-438.	0.8	3
78	Symptomatic pulmonary lipiodol embolism after transarterial chemoembolization for hepatic malignant tumor: clinical presentation and chest imaging findings. <i>Chinese Medical Journal</i> , 2014, 127, 675-9.	0.9	3
79	Lysosomal Hydrolase Cathepsin D Non-proteolytically Modulates Dendritic Morphology in <i>Drosophila</i> . <i>Neuroscience Bulletin</i> , 2020, 36, 1147-1157.	1.5	2
80	Disrupted presynaptic nectin1-based neuronal adhesion in the entorhinal-hippocampal circuit contributes to early-life stress-induced memory deficits. <i>Translational Psychiatry</i> , 2022, 12, 141.	2.4	2
81	Retrograde embolization technique of the right gastric artery during the implantation of port-catheter system for hepatic arterial infusion chemotherapy. <i>Journal of Interventional Medicine</i> , 2021, 4, 27-31.	0.2	1
82	A retrospective study of local hepatic artery infusion chemotherapy combined with regorafenib in the treatment of advanced colorectal cancer with predominant liver metastases.. <i>Journal of Clinical Oncology</i> , 2021, 39, e15563-e15563.	0.8	1
83	Signal enhancement ratio of CE-MRI: a potential biomarker of survival after hepatic arterial infusion chemotherapy in biliary tract cancers. <i>Insights Into Imaging</i> , 2022, 13, 46.	1.6	1
84	Tactile modulation of memory and anxiety requires dentate granule cells along the dorsoventral axis. <i>IBRO Reports</i> , 2019, 6, S322.	0.3	0
85	Cover Image, Volume 29, Issue 11. <i>Hippocampus</i> , 2019, 29, C1.	0.9	0