

Fangxia Guan

List of Publications by Citations

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,238
citations

19
h-index

33
g-index

77
ext. papers

1,835
ext. citations

6.5
avg, IF

4.66
L-index

#	Paper	IF	Citations
67	Immunomodulatory effect of human umbilical cord Wharton's jelly-derived mesenchymal stem cells on lymphocytes. <i>Cellular Immunology</i> , 2011 , 272, 33-8	4.4	114
66	Long Non-Coding RNA MALAT1 Decreases the Sensitivity of Resistant Glioblastoma Cell Lines to Temozolomide. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 1192-1201	3.9	80
65	Cerebroprotection of flavanol (-)-epicatechin after traumatic brain injury via Nrf2-dependent and -independent pathways. <i>Free Radical Biology and Medicine</i> , 2016 , 92, 15-28	7.8	79
64	Human umbilical cord mesenchymal stem cells transplantation improves cognitive function in Alzheimer's disease mice by decreasing oxidative stress and promoting hippocampal neurogenesis. <i>Behavioural Brain Research</i> , 2017 , 320, 291-301	3.4	74
63	Melatonin receptor activation provides cerebral protection after traumatic brain injury by mitigating oxidative stress and inflammation via the Nrf2 signaling pathway. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 345-355	7.8	69
62	Immune checkpoint blockade and CAR-T cell therapy in hematologic malignancies. <i>Journal of Hematology and Oncology</i> , 2019 , 12, 59	22.4	61
61	Resveratrol promotes hUC-MSCs engraftment and neural repair in a mouse model of Alzheimer's disease. <i>Behavioural Brain Research</i> , 2018 , 339, 297-304	3.4	55
60	Structural analysis and immunoregulation activity comparison of five polysaccharides from <i>Angelica sinensis</i> . <i>Carbohydrate Polymers</i> , 2016 , 140, 6-12	10.3	52
59	Resveratrol Exerts Dosage-Dependent Effects on the Self-Renewal and Neural Differentiation of hUC-MSCs. <i>Molecules and Cells</i> , 2016 , 39, 418-25	3.5	35
58	GSK-3 β is a target for protection against transient cerebral ischemia. <i>International Journal of Medical Sciences</i> , 2017 , 14, 333-339	3.7	33
57	Aging and age-related diseases: from mechanisms to therapeutic strategies. <i>Biogerontology</i> , 2021 , 22, 165-187	4.5	31
56	MG53 attenuates lipopolysaccharide-induced neurotoxicity and neuroinflammation via inhibiting TLR4/NF- κ B pathway in vitro and in vivo. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 95, 109684	5.5	30
55	Pharmacological activation of the Nrf2 pathway by 3H-1, 2-dithiole-3-thione is neuroprotective in a mouse model of Alzheimer disease. <i>Behavioural Brain Research</i> , 2018 , 336, 219-226	3.4	28
54	BANCR contributes to the growth and invasion of melanoma by functioning as a competing endogenous RNA to upregulate Notch2 expression by sponging miR-204. <i>International Journal of Oncology</i> , 2017 , 51, 1941-1951	4.4	26
53	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. <i>Nature Communications</i> , 2019 , 10, 4659	17.4	24
52	β -Carotene synergistically enhances the anti-tumor effect of 5-fluorouracil on esophageal squamous cell carcinoma in vivo and in vitro. <i>Toxicology Letters</i> , 2016 , 261, 49-58	4.4	24
51	The TRIM protein Mitsugumin 53 enhances survival and therapeutic efficacy of stem cells in murine traumatic brain injury. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 352	8.3	24

50	The Dorsoventral Patterning of Human Forebrain Follows an Activation/Transformation Model. <i>Cerebral Cortex</i> , 2017 , 27, 2941-2954	5.1	22
49	HDAC1 Silence Promotes Neuroprotective Effects of Human Umbilical Cord-Derived Mesenchymal Stem Cells in a Mouse Model of Traumatic Brain Injury PI3K/AKT Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 498	6.1	19
48	Sodium alginate/collagen hydrogel loaded with human umbilical cord mesenchymal stem cells promotes wound healing and skin remodeling. <i>Cell and Tissue Research</i> , 2021 , 383, 809-821	4.2	18
47	β-Carotene Induces Apoptosis in Human Esophageal Squamous Cell Carcinoma Cell Lines via the Cav-1/AKT/NF-κB Signaling Pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016 , 30, 148-57	3.4	17
46	Long non-coding RNA regulates hair follicle stem cell proliferation and differentiation through PI3K/AKT signal pathway. <i>Molecular Medicine Reports</i> , 2018 , 17, 5477-5483	2.9	16
45	MicroRNA-128-3p Enhances the Chemosensitivity of Temozolomide in Glioblastoma by Targeting c-Met and EMT. <i>Scientific Reports</i> , 2020 , 10, 9471	4.9	15
44	The B7x Immune Checkpoint Pathway: From Discovery to Clinical Trial. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 883-896	13.2	15
43	FOXQ1 regulates senescence-associated inflammation via activation of SIRT1 expression. <i>Cell Death and Disease</i> , 2017 , 8, e2946	9.8	15
42	Comprehensive analysis of the HOXA gene family identifies HOXA13 as a novel oncogenic gene in kidney renal clear cell carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020 , 146, 1993-2006	4.9	15
41	Environmental Circadian Disruption Worsens Neurologic Impairment and Inhibits Hippocampal Neurogenesis in Adult Rats After Traumatic Brain Injury. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 1045-55	4.6	15
40	Overexpression of FOXQ1 enhances anti-senescence and migration effects of human umbilical cord mesenchymal stem cells in vitro and in vivo. <i>Cell and Tissue Research</i> , 2018 , 373, 379-393	4.2	14
39	Downregulation of nicotinamide N-methyltransferase inhibits migration and epithelial-mesenchymal transition of esophageal squamous cell carcinoma via Wnt/β-catenin pathway. <i>Molecular and Cellular Biochemistry</i> , 2019 , 460, 93-103	4.2	14
38	Histone deacetylases inhibitor MS-275 suppresses human esophageal squamous cell carcinoma cell growth and progression via the PI3K/Akt/mTOR pathway. <i>Journal of Cellular Physiology</i> , 2019 , 234, 22400-22410	7.13	13
37	RNA m6A demethylase FTO-mediated epigenetic up-regulation of LINC00022 promotes tumorigenesis in esophageal squamous cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 294	12.8	13
36	Dual-enzymatically cross-linked gelatin hydrogel enhances neural differentiation of human umbilical cord mesenchymal stem cells and functional recovery in experimental murine spinal cord injury. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 440-452	7.3	12
35	Nicotinamide N-methyltransferase decreases 5-fluorouracil sensitivity in human esophageal squamous cell carcinoma through metabolic reprogramming and promoting the Warburg effect. <i>Molecular Carcinogenesis</i> , 2020 , 59, 940-954	5	11
34	LncRNA WDFY3-AS2 suppresses proliferation and invasion in oesophageal squamous cell carcinoma by regulating miR-2355-5p/SOCS2 axis. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 8206-8220	5.6	11
33	Over-Expression and Prognostic Significance of HHLA2, a New Immune Checkpoint Molecule, in Human Clear Cell Renal Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 280	5.7	11

32	Biocompatibility of nano-hydroxyapatite/Mg-Zn-Ca alloy composite scaffolds to human umbilical cord mesenchymal stem cells from Wharton's jelly in vitro. <i>Science China Life Sciences</i> , 2014 , 57, 181-7	8.5	10
31	Pan-cancer analysis identifies ESM1 as a novel oncogene for esophageal cancer. <i>Esophagus</i> , 2021 , 18, 326-338	5.4	9
30	MG53 Protects hUC-MSCs against Inflammatory Damage and Synergistically Enhances Their Efficacy in Neuroinflammation Injured Brain through Inhibiting NLRP3/Caspase-1/IL-1 β Axis. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 2590-2601	5.7	8
29	3H-1,2-dithiole-3-thione protects PC12 cells against amyloid beta 1-42 (A β) induced apoptosis via activation of the ERK1/2 pathway. <i>Life Sciences</i> , 2018 , 213, 74-81	6.8	8
28	HOXC11 functions as a novel oncogene in human colon adenocarcinoma and kidney renal clear cell carcinoma. <i>Life Sciences</i> , 2020 , 243, 117230	6.8	7
27	Dual-enzymatically cross-linked gelatin hydrogel promotes neural differentiation and neurotrophin secretion of bone marrow-derived mesenchymal stem cells for treatment of moderate traumatic brain injury. <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 200-213	7.9	7
26	Positive feedback regulation of microglial glucose metabolism by histone H4 lysine 12 lactylation in Alzheimer's disease. <i>Cell Metabolism</i> , 2022 ,	24.6	7
25	Up-regulated lncRNA5322 elevates MAPK1 to enhance proliferation of hair follicle stem cells as a ceRNA of microRNA-19b-3p. <i>Cell Cycle</i> , 2019 , 18, 1588-1600	4.7	6
24	Ets2 knockdown inhibits tumorigenesis in esophageal squamous cell carcinoma in vivo and in vitro. <i>Oncotarget</i> , 2016 , 7, 61458-61468	3.3	6
23	Resveratrol Preincubation Enhances the Therapeutic Efficacy of hUC-MSCs by Improving Cell Migration and Modulating Neuroinflammation Mediated by MAPK Signaling in a Mouse Model of Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 62	6.1	6
22	Sodium alginate/collagen/stromal cell-derived factor-1 neural scaffold loaded with BMSCs promotes neurological function recovery after traumatic brain injury. <i>Acta Biomaterialia</i> , 2021 , 131, 185-197	10.8	6
21	(-)-Epicatechin mitigates radiation-induced intestinal injury and promotes intestinal regeneration via suppressing oxidative stress. <i>Free Radical Research</i> , 2019 , 53, 851-864	4	5
20	LncRNA linc00460 sponges miR-1224-5p to promote esophageal cancer metastatic potential and epithelial-mesenchymal transition. <i>Pathology Research and Practice</i> , 2020 , 216, 153026	3.4	5
19	Functionalized injectable hyaluronic acid hydrogel with antioxidative and photothermal antibacterial activity for infected wound healing. <i>International Journal of Biological Macromolecules</i> , 2022 , 210, 218-232	7.9	5
18	Identification of chimeric RNAs in human infant brains and their implications in neural differentiation. <i>International Journal of Biochemistry and Cell Biology</i> , 2019 , 111, 19-26	5.6	4
17	MS-275 combined with cisplatin exerts synergistic antitumor effects in human esophageal squamous cell carcinoma cells. <i>Toxicology and Applied Pharmacology</i> , 2020 , 395, 114971	4.6	4
16	Artificial Intelligence, Social Media, and Suicide Prevention: Principle of Beneficence Besides Respect for Autonomy. <i>American Journal of Bioethics</i> , 2021 , 21, 43-45	1.1	4
15	CASC5 is a potential tumour driving gene in lung adenocarcinoma. <i>Cell Biochemistry and Function</i> , 2020 , 38, 733-742	4.2	4

14	TFAP2A-induced SLC2A1-AS1 promotes cancer cell proliferation. <i>Biological Chemistry</i> , 2021 , 402, 717-724.	4.5	4
13	Long non-coding RNA SLC2A1-AS1 induced by GLI3 promotes aerobic glycolysis and progression in esophageal squamous cell carcinoma by sponging miR-378a-3p to enhance Glut1 expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 287	12.8	3
12	Fucoidan: a promising agent for brain injury and neurodegenerative disease intervention. <i>Food and Function</i> , 2021 , 12, 3820-3830	6.1	3
11	Injectable hyaluronic acid hydrogel loaded with BMSC and NGF for traumatic brain injury treatment.. <i>Materials Today Bio</i> , 2022 , 13, 100201	9.9	2
10	Case Study: The Recurrent Fusion RNA DUS4L-BCAP29 in Noncancer Human Tissues and Cells. <i>Methods in Molecular Biology</i> , 2020 , 2079, 243-258	1.4	2
9	HOXD1 functions as a novel tumor suppressor in kidney renal clear cell carcinoma. <i>Cell Biology International</i> , 2021 , 45, 1246-1259	4.5	2
8	Genome-wide methylomic analyses identify prognostic epigenetic signature in lower grade glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2021 ,	5.6	2
7	REG1 drives Lgr5 stem cells to potentiate radiation induced intestinal regeneration. <i>Science China Life Sciences</i> , 2021 , 1	8.5	1
6	YAP/TEAD4-induced KIF4A contributes to the progression and worse prognosis of esophageal squamous cell carcinoma. <i>Molecular Carcinogenesis</i> , 2021 , 60, 440-454	5	1
5	Activation of septal OXTr neurons induces anxiety- but not depressive-like behaviors. <i>Molecular Psychiatry</i> , 2021 ,	15.1	1
4	ESCCAL-1 promotes cell-cycle progression by interacting with and stabilizing galectin-1 in esophageal squamous cell carcinoma.. <i>Npj Precision Oncology</i> , 2022 , 6, 12	9.8	0
3	MG53 protein rejuvenates hUC-MSCs and facilitates their therapeutic effects in AD mice by activating Nrf2 signaling pathway.. <i>Redox Biology</i> , 2022 , 53, 102325	11.3	0
2	Extracting Explicable Rules for the Identification of Compound-Protein Interactions. <i>IEEE Access</i> , 2020 , 8, 70005-70012	3.5	
1	RING box protein-1 gene involved in flagellar disassembly of <i>Dunaliella salina</i> . <i>Folia Microbiologica</i> , 2017 , 62, 57-62	2.8	