

Fangxia Guan

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,559
citations

218381

26
h-index

223531

46
g-index

77
all docs

77
docs citations

77
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging and age-related diseases: from mechanisms to therapeutic strategies. <i>Biogerontology</i> , 2021, 22, 165-187.	2.0	200
2	Positive feedback regulation of microglial glucose metabolism by histone H4 lysine 12 lactylation in Alzheimer's disease. <i>Cell Metabolism</i> , 2022, 34, 634-648.e6.	7.2	152
3	Immunomodulatory effect of human umbilical cord Wharton's jelly-derived mesenchymal stem cells on lymphocytes. <i>Cellular Immunology</i> , 2011, 272, 33-38.	1.4	136
4	Immune checkpoint blockade and CAR-T cell therapy in hematologic malignancies. <i>Journal of Hematology and Oncology</i> , 2019, 12, 59.	6.9	127
5	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.	1.3	126
6	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.	1.3	105
7	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.	1.2	105
8	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.	1.1	98
9	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.	1.2	77
10	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.	3.5	77
11	Structural analysis and immunoregulation activity comparison of five polysaccharides from <i>Angelica sinensis</i> . <i>Carbohydrate Polymers</i> , 2016, 140, 6-12.	5.1	68
12	GSK-3 β as a target for protection against transient cerebral ischemia. <i>International Journal of Medical Sciences</i> , 2017, 14, 333-339.	1.1	48
13	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.	2.5	48
14	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. <i>Nature Communications</i> , 2019, 10, 4659.	5.8	47
15	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.	1.5	45
16	Resveratrol Exerts Dosage-Dependent Effects on the Self-Renewal and Neural Differentiation of hUC-MSCs. <i>Molecules and Cells</i> , 2016, 39, 418-425.	1.0	43
17	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.	1.4	43
18	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.	1.2	41

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19	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.	4.1	41
20	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.	2.4	40
21	The B7x Immune Checkpoint Pathway: From Discovery to Clinical Trial. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 883-896.	4.0	37
22	MicroRNA-128-3p Enhances the Chemosensitivity of Temozolomide in Glioblastoma by Targeting c-Met and EMT. <i>Scientific Reports</i> , 2020, 10, 9471.	1.6	37
23	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.	2.9	37
24	Î²-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.	0.4	36
25	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.	3.6	36
26	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.	3.6	33
27	Injectable hyaluronic acid hydrogel loaded with BMSC and NGF for traumatic brain injury treatment. <i>Materials Today Bio</i> , 2022, 13, 100201.	2.6	32
28	Glucose Metabolism, Neural Cell Senescence and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4351.	1.8	31
29	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.	1.1	29
30	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.	1.8	28
31	The Dorsoventral Patterning of Human Forebrain Follows an Activation/Transformation Model. <i>Cerebral Cortex</i> , 2016, 27, bhv152.	1.6	27
32	FOXQ1 regulates senescence-associated inflammation via activation of SIRT1 expression. <i>Cell Death and Disease</i> , 2017, 8, e2946-e2946.	2.7	27
33	HDAC1 Silence Promotes Neuroprotective Effects of Human Umbilical Cord-Derived Mesenchymal Stem Cells in a Mouse Model of Traumatic Brain Injury via PI3K/AKT Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 498.	1.8	27
34	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.	1.3	26
35	Î²-Carotene Induces Apoptosis in Human Esophageal Squamous Cell Carcinoma Cell Lines via the Cav-1/AKT/NF-ÎB Signaling Pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 148-157.	1.4	25
36	Pan-cancer analysis identifies ESM1 as a novel oncogene for esophageal cancer. <i>Esophagus</i> , 2021, 18, 326-338.	1.0	24

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37	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.	1.2	23
38	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.	1.6	21
39	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, 1045-1055.	1.7	20
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.	1.5	20
41	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.	2.0	20
42	Fucoidan: a promising agent for brain injury and neurodegenerative disease intervention. <i>Food and Function</i> , 2021, 12, 3820-3830.	2.1	18
43	(α)-Epicatechin mitigates radiation-induced intestinal injury and promotes intestinal regeneration via suppressing oxidative stress. <i>Free Radical Research</i> , 2019, 53, 851-864.	1.5	17
44	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.	3.9	16
45	HOXC11 functions as a novel oncogene in human colon adenocarcinoma and kidney renal clear cell carcinoma. <i>Life Sciences</i> , 2020, 243, 117230.	2.0	15
46	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.	1.7	14
47	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, 181-187.	2.3	12
48	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.	1.8	12
49	Activation of septal OXTr neurons induces anxiety- but not depressive-like behaviors. <i>Molecular Psychiatry</i> , 2021, 26, 7270-7279.	4.1	12
50	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.	1.0	12
51	REG β drives Lgr5+ stem cells to potentiate radiation induced intestinal regeneration. <i>Science China Life Sciences</i> , 2022, 65, 1608-1623.	2.3	12
52	3H-1,2-dithiole-3-thione protects PC12 cells against amyloid beta 1-42 ($A\beta$ 1-42) induced apoptosis via activation of the ERK1/2 pathway. <i>Life Sciences</i> , 2018, 213, 74-81.	2.0	11
53	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.	1.3	11
54	TFAP2A-induced SLC2A1-AS1 promotes cancer cell proliferation. <i>Biological Chemistry</i> , 2021, 402, 717-727.	1.2	11

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55	HOXD1 functions as a novel tumor suppressor in kidney renal clear cell carcinoma. <i>Cell Biology International</i> , 2021, 45, 1246-1259.	1.4	11
56	YAP/TEAD4-induced KIF4A contributes to the progression and worse prognosis of esophageal squamous cell carcinoma. <i>Molecular Carcinogenesis</i> , 2021, 60, 440-454.	1.3	11
57	CASC5 is a potential tumour driving gene in lung adenocarcinoma. <i>Cell Biochemistry and Function</i> , 2020, 38, 733-742.	1.4	10
58	Genome-wide methylomic analyses identify prognostic epigenetic signature in lower grade glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 449-461.	1.6	8
59	Ets2 knockdown inhibits tumorigenesis in esophageal squamous cell carcinoma <i>in vivo</i> and <i>in vitro</i> . <i>Oncotarget</i> , 2016, 7, 61458-61468.	0.8	7
60	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.	1.2	6
61	Artificial Intelligence, Social Media, and Suicide Prevention: Principle of Beneficence Besides Respect for Autonomy. <i>American Journal of Bioethics</i> , 2021, 21, 43-45.	0.5	5
62	Case Study: The Recurrent Fusion RNA DUS4L-BCAP29 in Noncancer Human Tissues and Cells. <i>Methods in Molecular Biology</i> , 2020, 2079, 243-258.	0.4	5
63	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.	2.3	5
64	RING box protein-1 gene involved in flagellar disassembly of <i>Dunaliella salina</i> . <i>Folia Microbiologica</i> , 2017, 62, 57-62.	1.1	0
65	Extracting Explicable Rules for the Identification of Compound-Protein Interactions. <i>IEEE Access</i> , 2020, 8, 70005-70012.	2.6	0