

Hong-Juan Cui

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,650
citations

186265

28
h-index

243625

44
g-index

101
all docs

101
docs citations

101
times ranked

3734
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Mitochondria in Reactive Oxygen Species Generation and Its Implications for Neurodegenerative Diseases. <i>Cells</i> , 2018, 7, 274.	4.1	205
2	KDM4C and ATF4 Cooperate in Transcriptional Control of Amino Acid Metabolism. <i>Cell Reports</i> , 2016, 14, 506-519.	6.4	112
3	The roles of sirtuins family in cell metabolism during tumor development. <i>Seminars in Cancer Biology</i> , 2019, 57, 59-71.	9.6	108
4	The Emerging Roles of RNA Modifications in Glioblastoma. <i>Cancers</i> , 2020, 12, 736.	3.7	83
5	The Roles of Sirtuin Family Proteins in Cancer Progression. <i>Cancers</i> , 2019, 11, 1949.	3.7	80
6	Epigenetic modulation of metabolism in glioblastoma. <i>Seminars in Cancer Biology</i> , 2019, 57, 45-51.	9.6	76
7	CSN6 controls the proliferation and metastasis of glioblastoma by CHIP-mediated degradation of EGFR. <i>Oncogene</i> , 2017, 36, 1134-1144.	5.9	72
8	The Roles of Integrin $\alpha 5 \beta 1$ in Human Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 13329-13344.	2.0	63
9	HDAC9 promotes glioblastoma growth via TAZ-mediated EGFR pathway activation. <i>Oncotarget</i> , 2015, 6, 7644-7656.	1.8	61
10	Antibiotic drug tigecycline inhibited cell proliferation and induced autophagy in gastric cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 105-112.	2.1	56
11	Biological Functions and Molecular Mechanisms of Antibiotic Tigecycline in the Treatment of Cancers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3577.	4.1	51
12	TRIP13 promotes the cell proliferation, migration and invasion of glioblastoma through the FBXW7/c-MYC axis. <i>British Journal of Cancer</i> , 2019, 121, 1069-1078.	6.4	51
13	Demethylzeylasteral inhibits glioma growth by regulating the miR-30e-5p/MYBL2 axis. <i>Cell Death and Disease</i> , 2018, 9, 1035.	6.3	49
14	Demethylzeylasteral inhibits cell proliferation and induces apoptosis through suppressing MCL1 in melanoma cells. <i>Cell Death and Disease</i> , 2017, 8, e3133-e3133.	6.3	47
15	Lycorine hydrochloride inhibits cell proliferation and induces apoptosis through promoting FBXW7-MCL1 axis in gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 230.	8.6	46
16	Silencing or inhibition of H3K79 methyltransferase DOT1L induces cell cycle arrest by epigenetically modulating c-Myc expression in colorectal cancer. <i>Clinical Epigenetics</i> , 2019, 11, 199.	4.1	42
17	The biological role of peroxiredoxins in innate immune responses of aquatic invertebrates. <i>Fish and Shellfish Immunology</i> , 2019, 89, 91-97.	3.6	41
18	Antibiotic drug tigecycline inhibits melanoma progression and metastasis in a p21CIP1/Waf1-dependent manner. <i>Oncotarget</i> , 2016, 7, 3171-3185.	1.8	41

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19	Tigecycline Inhibits Glioma Growth by Regulating miRNA-199b-5pâ€™â€™HES1â€™â€™AKT Pathway. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 421-429.	4.1	38
20	PHF19 promotes the proliferation, migration, and chemosensitivity of glioblastoma to doxorubicin through modulation of the SIAH1/Î²â€™â€™catenin axis. <i>Cell Death and Disease</i> , 2018, 9, 1049.	6.3	38
21	Characterization of hemocytes proliferation in larval silkworm, <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 595-603.	2.0	37
22	G9a promotes cell proliferation and suppresses autophagy in gastric cancer by directly activating mTOR. <i>FASEB Journal</i> , 2019, 33, 14036-14050.	0.5	37
23	NUSAP1 potentiates chemoresistance in glioblastoma through its SAP domain to stabilize ATR. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 44.	17.1	37
24	A novel granulocyte-specific Î± integrin is essential for cellular immunity in the silkworm <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2014, 71, 61-67.	2.0	35
25	Inhibition of neurotensin receptor 1 induces intrinsic apoptosis via let-7a-3p/Bcl-w axis in glioblastoma. <i>British Journal of Cancer</i> , 2017, 116, 1572-1584.	6.4	35
26	Mitoeptigenetics and Its Emerging Roles in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 4.	3.7	34
27	RhoA/ROCK/PTEN signaling is involved in AT-101-mediated apoptosis in human leukemia cells in vitro and in vivo. <i>Cell Death and Disease</i> , 2014, 5, e998-e998.	6.3	33
28	Transcriptional co-activator TAZ sustains proliferation and tumorigenicity of neuroblastoma by targeting CTGF and PDGF-Î². <i>Oncotarget</i> , 2015, 6, 9517-9530.	1.8	33
29	The Autophagy-Lysosomal Pathways and Their Emerging Roles in Modulating Proteostasis in Tumors. <i>Cells</i> , 2019, 8, 4.	4.1	32
30	Integrin Î²3 plays a novel role in innate immunity in silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2017, 77, 307-317.	2.3	30
31	Therapeutic potential of natural products in glioblastoma treatment: targeting key glioblastoma signaling pathways and epigenetic alterations. <i>Clinical and Translational Oncology</i> , 2020, 22, 963-977.	2.4	30
32	Cancer-testis specific gene OIP5: a downstream gene of E2F1 that promotes tumorigenesis and metastasis in glioblastoma by stabilizing E2F1 signaling. <i>Neuro-Oncology</i> , 2018, 20, 1173-1184.	1.2	27
33	20-Hydroxyecdysone regulates the transcription of the lysozyme via Broad-Complex Z2 gene in silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2019, 94, 66-72.	2.3	27
34	Dehydrodiisoeugenol inhibits colorectal cancer growth by endoplasmic reticulum stress-induced autophagic pathways. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 125.	8.6	27
35	Inactivation/deficiency of DHODH induces cell cycle arrest and programmed cell death in melanoma. <i>Oncotarget</i> , 2017, 8, 112354-112370.	1.8	27
36	Advances in Targeting the Epidermal Growth Factor Receptor Pathway by Synthetic Products and Its Regulation by Epigenetic Modulators As a Therapy for Glioblastoma. <i>Cells</i> , 2019, 8, 350.	4.1	26

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37	Suppressors of cytokine signaling proteins as modulators of development and innate immunity of insects. <i>Developmental and Comparative Immunology</i> , 2020, 104, 103561.	2.3	26
38	POU5F1 Enhances the Invasiveness of Cancer Stem-Like Cells in Lung Adenocarcinoma by Upregulation of MMP-2 Expression. <i>PLoS ONE</i> , 2013, 8, e83373.	2.5	24
39	Characterization and identification of the integrin family in silkworm, <i>Bombyx mori</i> . <i>Gene</i> , 2014, 549, 149-155.	2.2	24
40	TROP2 promotes the proliferation and metastasis of glioblastoma cells by activating the JAK2/STAT3 signaling pathway. <i>Oncology Reports</i> , 2018, 41, 753-764.	2.6	24
41	Transcriptional activation of SIRT6 via FKHL1/FOXO3a inhibits the Warburg effect in glioblastoma cells. <i>Cellular Signalling</i> , 2019, 60, 100-113.	3.6	24
42	Antibiotic tigecycline inhibits cell proliferation, migration and invasion via downregulating CCNE2 in pancreatic ductal adenocarcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4245-4260.	3.6	24
43	A review on the DNA methyltransferase family of insects: Aspect and prospects. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 289-302.	7.5	24
44	NUCKS promotes cell proliferation and suppresses autophagy through the mTOR-Beclin1 pathway in gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 194.	8.6	22
45	CSN6 promotes melanoma proliferation and metastasis by controlling the UBR5-mediated ubiquitination and degradation of CDK9. <i>Cell Death and Disease</i> , 2021, 12, 118.	6.3	22
46	Molecular cloning, characterization and expression analysis of cathepsin O in silkworm <i>Bombyx mori</i> related to bacterial response. <i>Molecular Immunology</i> , 2015, 66, 409-417.	2.2	21
47	Mitochondrial DNA: A Key Regulator of Anti-Microbial Innate Immunity. <i>Genes</i> , 2020, 11, 86.	2.4	21
48	Neurotensin receptor1 antagonist SR48692 reduces proliferation by inducing apoptosis and cell cycle arrest in melanoma cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 389, 1-8.	3.1	20
49	FOXO3a-SIRT6 axis suppresses aerobic glycolysis in melanoma. <i>International Journal of Oncology</i> , 2020, 56, 728-742.	3.3	20
50	Antibiotic drug tigecycline reduces neuroblastoma cells proliferation by inhibiting Akt activation in vitro and in vivo. <i>Tumor Biology</i> , 2016, 37, 7615-7623.	1.8	19
51	Competing Endogenous RNA Networks in Glioma. <i>Frontiers in Genetics</i> , 2021, 12, 675498.	2.3	19
52	A novel Lozenge gene in silkworm, <i>Bombyx mori</i> regulates the melanization response of hemolymph. <i>Developmental and Comparative Immunology</i> , 2015, 53, 191-198.	2.3	18
53	MYST1/KAT8 contributes to tumor progression by activating EGFR signaling in glioblastoma cells. <i>Cancer Medicine</i> , 2019, 8, 7793-7808.	2.8	18
54	Serine-glycine-one-carbon metabolism: vulnerabilities in MYCN-amplified neuroblastoma. <i>Oncogenesis</i> , 2020, 9, 14.	4.9	18

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55	Overcoming TRAIL Resistance for Glioblastoma Treatment. <i>Biomolecules</i> , 2021, 11, 572.	4.0	17
56	Bm integrin $\beta 21$: A broadly expressed molecule modulates the innate immune response of <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103869.	2.3	15
57	Scavenger receptor B8 improves survivability by mediating innate immunity in silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2021, 116, 103917.	2.3	15
58	Immunodiagnosis and Immunotherapeutics Based on Human Papillomavirus for HPV-Induced Cancers. <i>Frontiers in Immunology</i> , 2020, 11, 586796.	4.8	15
59	Polydatin Inhibits Cell Viability, Migration, and Invasion Through Suppressing the c-Myc Expression in Human Cervical Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 587218.	3.7	15
60	Effects of Cynaroside on Cell Proliferation, Apoptosis, Migration and Invasion through the MET/AKT/mTOR Axis in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12125.	4.1	15
61	Zinc finger protein RP-8, the <i>Bombyx mori</i> ortholog of programmed cell death 2, regulates cell proliferation. <i>Developmental and Comparative Immunology</i> , 2020, 104, 103542.	2.3	14
62	Biotic and abiotic stress induces the expression of Hsp70/90 organizing protein gene in silkworm, <i>Bombyx mori</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 143, 610-618.	7.5	14
63	Tubeimoside I Inhibits Cell Proliferation and Induces a Partly Disrupted and Cytoprotective Autophagy Through Rapidly Hyperactivation of MEK1/2-ERK1/2 Cascade via Promoting PTP1B in Melanoma. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 607757.	3.7	14
64	A novel immune-related gene HDD1 of silkworm <i>Bombyx mori</i> is involved in bacterial response. <i>Molecular Immunology</i> , 2017, 88, 106-115.	2.2	13
65	Scavenger receptor C regulates antimicrobial peptide expression by activating toll signaling in silkworm, <i>Bombyx mori</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 191, 396-404.	7.5	13
66	Bruceine D inhibits Cell Proliferation Through Downregulating LINC01667/MicroRNA-138-5p/Cyclin E1 Axis in Gastric Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 584960.	3.5	13
67	Demethylzeylasteral inhibits proliferation, migration, and invasion through FBXW7/c-Myc axis in gastric cancer. <i>MedComm</i> , 2021, 2, 467-480.	7.2	12
68	Transgenic characterization of two silkworm tissue-specific promoters in the haemocyte plasmatocyte cells. <i>Insect Molecular Biology</i> , 2018, 27, 133-142.	2.0	11
69	A hemocyte-specific cathepsin L-like cysteine protease is involved in response to 20-hydroxyecdysone and microbial pathogens stimulation in silkworm, <i>Bombyx mori</i> . <i>Molecular Immunology</i> , 2021, 131, 78-88.	2.2	11
70	Deoxyelephantopin Induces Apoptosis and Enhances Chemosensitivity of Colon Cancer via miR-205/Bcl2 Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5051.	4.1	11
71	Niemann-Pick type C1 regulates cholesterol transport and metamorphosis in silkworm, <i>Bombyx mori</i> (Dazao). <i>International Journal of Biological Macromolecules</i> , 2020, 152, 525-534.	7.5	10
72	The identification of nuclear factor Akirin with immune defense role in silkworm, <i>Bombyx mori</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 188, 32-42.	7.5	10

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73	ZC3H15 promotes glioblastoma progression through regulating EGFR stability. <i>Cell Death and Disease</i> , 2022, 13, 55.	6.3	10
74	PHF14 Promotes Cell Proliferation and Migration through the AKT and ERK1/2 Pathways in Gastric Cancer Cells. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	9
75	Icaritin enhances the efficacy of cetuximab against triple-negative breast cancer cells. <i>Oncology Letters</i> , 2020, 19, 3950-3958.	1.8	9
76	RANBP10 promotes glioblastoma progression by regulating the FBXW7/c-Myc pathway. <i>Cell Death and Disease</i> , 2021, 12, 967.	6.3	9
77	Tigecycline exerts an antitumoral effect in oral squamous cell carcinoma. <i>Oral Diseases</i> , 2015, 21, 558-564.	3.0	8
78	Identification and characterization of three novel hemocyte-specific promoters in silkworm <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 102-108.	2.1	8
79	Hedgehog promotes cell proliferation in the midgut of silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2020, 27, 697-707.	3.0	8
80	Dihydrocapsaicin Inhibits Cell Proliferation and Metastasis in Melanoma via Down-regulating β -Catenin Pathway. <i>Frontiers in Oncology</i> , 2021, 11, 648052.	2.8	8
81	MOXD1 knockdown suppresses the proliferation and tumor growth of glioblastoma cells via ER stress-inducing apoptosis. <i>Cell Death Discovery</i> , 2022, 8, 174.	4.7	8
82	HECTD3 promotes gastric cancer progression by mediating the polyubiquitination of c-MYC. <i>Cell Death Discovery</i> , 2022, 8, 185.	4.7	8
83	Endoplasmic reticulum stress-induced cell death as a potential mechanism for targeted therapy in glioblastoma (Review). <i>International Journal of Oncology</i> , 2021, 59, .	3.3	7
84	Suppressor of cytokine signalling 6 is a potential regulator of antimicrobial peptides in the Chinese oak silkworm, <i>Antheraea pernyi</i> . <i>Molecular Immunology</i> , 2021, 140, 12-21.	2.2	7
85	ZC3H15 promotes gastric cancer progression by targeting the FBXW7/c-Myc pathway. <i>Cell Death Discovery</i> , 2022, 8, 32.	4.7	7
86	<i>Bombyx mori</i> U-shaped regulates the melanization cascade and immune response via binding with the Lozenge protein. <i>Insect Science</i> , 2022, 29, 704-716.	3.0	6
87	Integrin β 2 and β 3: Two plasmatocyte markers deepen our understanding of the development of plasmatocytes in the silkworm <i>Bombyx mori</i> . <i>Insect Science</i> , 2022, 29, 1659-1671.	3.0	6
88	ARIH2 regulates the proliferation, DNA damage and chemosensitivity of gastric cancer cells by reducing the stability of p21 via ubiquitination. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	6
89	ZC3H15 Correlates with a Poor Prognosis and Tumor Progression in Melanoma. <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	5
90	Interplay between Epigenetics and Cellular Metabolism in Colorectal Cancer. <i>Biomolecules</i> , 2021, 11, 1406.	4.0	4

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91	Molecular Characterization of Two Genes Encoding Novel Ca ²⁺ -Independent Phospholipase A2s from the Silkworm, <i>Bombyx mori</i> . <i>Current Issues in Molecular Biology</i> , 2022, 44, 777-790.	2.4	4
92	First Report of Powdery Mildew Caused by <i>Podosphaera xanthii</i> on <i>Lagenaria siceraria</i> in China. <i>Plant Disease</i> , 2018, 102, 2374-2374.	1.4	3
93	Preparation, Characterization and Diagnostic Valuation of Two Novel Anti-HPV16 E7 Oncoprotein Monoclonal Antibodies. <i>Viruses</i> , 2020, 12, 333.	3.3	3
94	Identification and the immunological role of two Nimrod family genes in the silkworm, <i>Bombyx mori</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 193, 154-165.	7.5	3
95	CSN6: a promising target for cancer prevention and therapy. <i>Histology and Histopathology</i> , 2020, 35, 645-652.	0.7	3
96	Transcriptome Sequencing Highlights the Regulatory Role of DNA Methylation in Immune-Related Genes Expression of Chinese Oak Silkworm, <i>Antheraea pernyi</i> . <i>Insects</i> , 2022, 13, 296.	2.2	2
97	Sirtuins and cellular metabolism in cancers. , 2021, , 195-217.		1