

# Canhua Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

155  
papers

17,188  
citations

36303

51  
h-index

15732

125  
g-index

158  
all docs

158  
docs citations

158  
times ranked

31990  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.   | 9.1  | 4,701     |
| 2  | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.  | 9.1  | 3,122     |
| 3  | A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020, 586, 572-577.   | 27.8 | 630       |
| 4  | NAD <sup>+</sup> metabolism: pathophysiologic mechanisms and therapeutic potential. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 227.   | 17.1 | 386       |
| 5  | Quercetin induces protective autophagy in gastric cancer cells: Involvement of Akt-mTOR- and hypoxia-induced factor 1 $\alpha$ -mediated signaling. <i>Autophagy</i> , 2011, 7, 966-978.    | 9.1  | 335       |
| 6  | The role of long noncoding RNAs in hepatocellular carcinoma. <i>Molecular Cancer</i> , 2020, 19, 77.  | 19.2 | 310       |
| 7  | Overcoming cancer therapeutic bottleneck by drug repurposing. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 113.   | 17.1 | 299       |
| 8  | Oxidative stress and diabetes: antioxidative strategies. <i>Frontiers of Medicine</i> , 2020, 14, 583-600.  | 3.4  | 246       |
| 9  | Redox homeostasis: the linchpin in stem cell self-renewal and differentiation. <i>Cell Death and Disease</i> , 2013, 4, e537-e537.  | 6.3  | 222       |
| 10 | Redox signaling and unfolded protein response coordinate cell fate decisions under ER stress. <i>Redox Biology</i> , 2019, 25, 101047.  | 9.0  | 220       |
| 11 | Ivermectin Induces Cytostatic Autophagy by Blocking the PAK1/Akt Axis in Breast Cancer. <i>Cancer Research</i> , 2016, 76, 4457-4469.   | 0.9  | 193       |
| 12 | From purines to purinergic signalling: molecular functions and human diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 162.  | 17.1 | 171       |
| 13 | Autophagy plays an essential role in the clearance of <i>Pseudomonas aeruginosa</i> by alveolar macrophages. <i>Journal of Cell Science</i> , 2012, 125, 507-515.                           | 2.0  | 168       |
| 14 | Deconvoluting the role of reactive oxygen species and autophagy in human diseases. <i>Free Radical Biology and Medicine</i> , 2013, 65, 402-410.  | 2.9  | 156       |
| 15 | Itraconazole suppresses the growth of glioblastoma through induction of autophagy. <i>Autophagy</i> , 2014, 10, 1241-1255.  | 9.1  | 155       |
| 16 | Redox regulation in tumor cell epithelial $\rightarrow$ mesenchymal transition: molecular basis and therapeutic strategy. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17036. | 17.1 | 147       |
| 17 | Cancer drug resistance: redox resetting renders a way. <i>Oncotarget</i> , 0, 7, 42740-42761.   | 1.8  | 144       |
| 18 | Species-Specific Deamidation of cGAS by Herpes Simplex Virus UL37 Protein Facilitates Viral Replication. <i>Cell Host and Microbe</i> , 2018, 24, 234-248.e5.                               | 11.0 | 140       |

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|----|--|------|-----------|
| 19 | Targeting Metabolic Redox Circuits for Cancer Therapy. Trends in Biochemical Sciences, 2019, 44, 401-414.  | 7.5  | 138       |
| 20 | Redox Regulation of Inflammation: Old Elements, a New Story. Medicinal Research Reviews, 2015, 35, 306-340.  | 10.5 | 136       |
| 21 | Proteomic Analysis of Shrimp White Spot Syndrome Viral Proteins and Characterization of a Novel Envelope Protein VP466. Molecular and Cellular Proteomics, 2002, 1, 223-231.   | 3.8  | 121       |
| 22 | Emerging role of tumor cell plasticity in modifying therapeutic response. Signal Transduction and Targeted Therapy, 2020, 5, 228.  | 17.1 | 120       |
| 23 | Quantitative proteomics identification of phosphoglycerate mutase 1 as a novel therapeutic target in hepatocellular carcinoma. Molecular Cancer, 2010, 9, 81.  | 19.2 | 116       |
| 24 | Nuclear lactate dehydrogenase A senses ROS to produce L-hydroxybutyrate for HPV-induced cervical tumor growth. Nature Communications, 2018, 9, 4429.   | 12.8 | 115       |
| 25 | Elesclomol induces copper-dependent ferroptosis in colorectal cancer cells via degradation of ATP7A. Molecular Oncology, 2021, 15, 3527-3544.  | 4.6  | 115       |
| 26 | Ketoconazole exacerbates mitophagy to induce apoptosis by downregulating cyclooxygenase-2 in hepatocellular carcinoma. Journal of Hepatology, 2019, 70, 66-77.   | 3.7  | 113       |
| 27 | Redox signaling: Potential arbitrator of autophagy and apoptosis in therapeutic response. Free Radical Biology and Medicine, 2015, 89, 452-465.  | 2.9  | 110       |
| 28 | Surmounting cancer drug resistance: New insights from the perspective of N6-methyladenosine RNA modification. Drug Resistance Updates, 2020, 53, 100720.   | 14.4 | 107       |
| 29 | PDLIM1 Stabilizes the E-Cadherin/β2-Catenin Complex to Prevent Epithelial to Mesenchymal Transition and Metastatic Potential of Colorectal Cancer Cells. Cancer Research, 2016, 76, 1122-1134.                         | 0.9  | 101       |
| 30 | Proteomics Identification of ITGB3 as a Key Regulator in Reactive Oxygen Species-induced Migration and Invasion of Colorectal Cancer Cells. Molecular and Cellular Proteomics, 2011, 10, M110.005397.                  | 3.8  | 100       |
| 31 | Proteomics Identification of Cyclophilin A as a Potential Prognostic Factor and Therapeutic Target in Endometrial Carcinoma. Molecular and Cellular Proteomics, 2008, 7, 1810-1823.                                    | 3.8  | 98        |
| 32 | Regorafenib induces lethal autophagy arrest by stabilizing PSAT1 in glioblastoma. Autophagy, 2020, 16, 106-122.  | 9.1  | 91        |
| 33 | Identification of ANXA2 (annexin A2) as a specific bleomycin target to induce pulmonary fibrosis by impeding TFEB-mediated autophagic flux. Autophagy, 2018, 14, 269-282.  | 9.1  | 89        |
| 34 | FGFR4 Promotes Stroma-Induced Epithelial-to-Mesenchymal Transition in Colorectal Cancer. Cancer Research, 2013, 73, 5926-5935.   | 0.9  | 88        |
| 35 | Stress management by autophagy: Implications for chemoresistance. International Journal of Cancer, 2016, 139, 23-32.   | 5.1  | 86        |
| 36 | Elevated Inflammatory Response in Caveolin-1-deficient Mice with Pseudomonas aeruginosa Infection Is Mediated by STAT3 Protein and Nuclear Factor-κB (NF-κB). Journal of Biological Chemistry, 2011, 286, 21814-21825. | 3.4  | 82        |

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|----|---|------|-----------|
| 37 | Proteomic profiling of human plasma for cancer biomarker discovery. <i>Proteomics</i> , 2017, 17, 1600240.  | 2.2  | 82        |
| 38 | Proteomic analysis revealed association of aberrant ROS signaling with suberoylanilide hydroxamic acid-induced autophagy in Jurkat T-leukemia cells. <i>Autophagy</i> , 2010, 6, 711-724.     | 9.1  | 81        |
| 39 | Comparative Proteomics Approach to Screening of Potential Diagnostic and Therapeutic Targets for Oral Squamous Cell Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1639-1650. | 3.8  | 80        |
| 40 | Alveolar Epithelial Type II Cells Activate Alveolar Macrophages and Mitigate P. Aeruginosa Infection. <i>PLoS ONE</i> , 2009, 4, e4891.   | 2.5  | 75        |
| 41 | Pharmacological Targeting of STK19 Inhibits Oncogenic NRAS-Driven Melanomagenesis. <i>Cell</i> , 2019, 176, 1113-1127.e16.  | 28.9 | 74        |
| 42 | Proteomic analysis of cellular protein alterations using a hepatitis B virus-producing cellular model. <i>Proteomics</i> , 2008, 8, 2012-2023.  | 2.2  | 69        |
| 43 | Circular RNA F-circSR derived from SLC34A2-ROS1 fusion gene promotes cell migration in non-small cell lung cancer. <i>Molecular Cancer</i> , 2019, 18, 98.                                    | 19.2 | 68        |
| 44 | PDLIM1 Inhibits Tumor Metastasis Through Activating Hippo Signaling in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 1643-1659.   | 7.3  | 68        |
| 45 | Cancer metabolism and tumor microenvironment: fostering each other?. <i>Science China Life Sciences</i> , 2022, 65, 236-279.  | 4.9  | 68        |
| 46 | 3-epi-12-hydroxyfroside, a new cardenolide, induces cytoprotective autophagy via blocking the Hsp90/Akt/mTOR axis in lung cancer cells. <i>Theranostics</i> , 2018, 8, 2044-2060.             | 10.0 | 67        |
| 47 | CRISPR-Cas13 Inhibitors Block RNA Editing in Bacteria and Mammalian Cells. <i>Molecular Cell</i> , 2020, 78, 850-861.e5.  | 9.7  | 65        |
| 48 | Mechanism of Cancer Cell Adaptation to Metabolic Stress. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 70-85.   | 3.8  | 64        |
| 49 | The pathogenesis and diagnosis of sepsis post burn injury. <i>Burns and Trauma</i> , 2021, 9, tkaa047.  | 4.9  | 63        |
| 50 | CPX Targeting DJ-1 Triggers ROS-induced Cell Death and Protective Autophagy in Colorectal Cancer. <i>Theranostics</i> , 2019, 9, 5577-5594.   | 10.0 | 59        |
| 51 | PRKAA/AMPK restricts HBV replication through promotion of autophagic degradation. <i>Autophagy</i> , 2016, 12, 1507-1520.   | 9.1  | 58        |
| 52 | Proteomic Profiling Identifies Aberrant Epigenetic Modifications Induced by Hepatitis B Virus X Protein. <i>Journal of Proteome Research</i> , 2009, 8, 1037-1046.                            | 3.7  | 56        |
| 53 | Î² Kinase Îµ Is an NFATc1 Kinase that Inhibits T Cell Immune Response. <i>Cell Reports</i> , 2016, 16, 405-418.   | 6.4  | 54        |
| 54 | Chemokine CXCL14 is associated with prognosis in patients with colorectal carcinoma after curative resection. <i>Journal of Translational Medicine</i> , 2013, 11, 6.                         | 4.4  | 53        |

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|----|--|------|-----------|
| 55 | Mitochondrial adaptation in cancer drug resistance: prevalence, mechanisms, and management. <i>Journal of Hematology and Oncology</i> , 2022, 15, .  | 17.0 | 53        |
| 56 | Long non-coding RNAs and cancer metastasis: Molecular basis and therapeutic implications. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188519.  | 7.4  | 52        |
| 57 | FGF8 promotes colorectal cancer growth and metastasis by activating YAP1. <i>Oncotarget</i> , 2015, 6, 935-952.  | 1.8  | 52        |
| 58 | Nicotinamide phosphoribosyltransferase (Nampt) in carcinogenesis: new clinical opportunities. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 827-838.  | 2.4  | 51        |
| 59 | <i>Pseudomonas aeruginosa</i> infection augments inflammation through miR-301b repression of c-Myb-mediated immune activation and infiltration. <i>Nature Microbiology</i> , 2016, 1, 16132.                             | 13.3 | 51        |
| 60 | Genomic evolution and diverse models of systemic metastases in colorectal cancer. <i>Gut</i> , 2022, 71, 322-332.  | 12.1 | 51        |
| 61 | Lyn Delivers Bacteria to Lysosomes for Eradication through TLR2-Initiated Autophagy Related Phagocytosis. <i>PLoS Pathogens</i> , 2016, 12, e1005363.  | 4.7  | 49        |
| 62 | Inhibition of NPC1L1 disrupts adaptive responses of drug-tolerant persister cells to chemotherapy. <i>EMBO Molecular Medicine</i> , 2022, 14, e14903.  | 6.9  | 46        |
| 63 | Pyrvinium targets autophagy addiction to promote cancer cell death. <i>Cell Death and Disease</i> , 2013, 4, e614-e614.  | 6.3  | 45        |
| 64 | Ivermectin induces PAK1-mediated cytostatic autophagy in breast cancer. <i>Autophagy</i> , 2016, 12, 2498-2499.  | 9.1  | 45        |
| 65 | Redox signaling at the crossroads of human health and disease. <i>MedComm</i> , 2022, 3, e127.   | 7.2  | 44        |
| 66 | Epithelial-mesenchymal transition: The history, regulatory mechanism, and cancer therapeutic opportunities. <i>MedComm</i> , 2022, 3, .  | 7.2  | 43        |
| 67 | Circadian rhythms and cancers: the intrinsic links and therapeutic potentials. <i>Journal of Hematology and Oncology</i> , 2022, 15, 21.   | 17.0 | 42        |
| 68 | Prognostic evaluation of epidermal fatty acid-binding protein and calcyphosine, two proteins implicated in endometrial cancer using a proteomic approach. <i>International Journal of Cancer</i> , 2008, 123, 2377-2383. | 5.1  | 41        |
| 69 | Repurposing Brigatinib for the Treatment of Colorectal Cancer Based on Inhibition of ER-phagy. <i>Theranostics</i> , 2019, 9, 4878-4892.   | 10.0 | 41        |
| 70 | A cascaded copper-based nanocatalyst by modulating glutathione and cyclooxygenase-2 for hepatocellular carcinoma therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1516-1526.                        | 9.4  | 41        |
| 71 | Antioxidant Therapy in Cancer: Rationale and Progress. <i>Antioxidants</i> , 2022, 11, 1128.   | 5.1  | 41        |
| 72 | An integrated proteomics and bioinformatics analyses of hepatitis B virus X interacting proteins and identification of a novel interactor apoA-I. <i>Journal of Proteomics</i> , 2013, 84, 92-105.                       | 2.4  | 40        |

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|----|---|-----|-----------|
| 73 | Redox Regulation of Cancer Metastasis: Molecular Signaling and Therapeutic Opportunities. Drug Development Research, 2014, 75, 331-341.   | 2.9 | 40        |
| 74 | ANGPTL4-Mediated Promotion of Glycolysis Facilitates the Colonization of <i>Fusobacterium nucleatum</i> in Colorectal Cancer. Cancer Research, 2021, 81, 6157-6170.   | 0.9 | 40        |
| 75 | Proteomic analysis of liver cancer cells treated with suberoylanilide hydroxamic acid. Cancer Chemotherapy and Pharmacology, 2008, 61, 791-802.   | 2.3 | 39        |
| 76 | Clinical proteomics-driven precision medicine for targeted cancer therapy: current overview and future perspectives. Expert Review of Proteomics, 2016, 13, 367-381.  | 3.0 | 39        |
| 77 | Lyn regulates inflammatory responses in <i>Klebsiella pneumoniae</i> infection via the p38/NF- $\kappa$ B pathway. European Journal of Immunology, 2014, 44, 763-773.   | 2.9 | 38        |
| 78 | Redox regulation of microRNAs in cancer. Cancer Letters, 2018, 418, 250-259.  | 7.2 | 38        |
| 79 | Mining the fecal proteome: from biomarkers to personalised medicine. Expert Review of Proteomics, 2017, 14, 445-459.  | 3.0 | 36        |
| 80 | A targeted nanomodulator capable of manipulating tumor microenvironment against metastasis. Journal of Controlled Release, 2022, 348, 590-600.  | 9.9 | 36        |
| 81 | Brefeldin A inhibits colorectal cancer growth by triggering Bip/Akt-regulated autophagy. FASEB Journal, 2019, 33, 5520-5534.  | 0.5 | 34        |
| 82 | New insights into redox regulation of stem cell self-renewal and differentiation. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1518-1526.  | 2.4 | 32        |
| 83 | Proteomics, genomics and transcriptomics: their emerging roles in the discovery and validation of colorectal cancer biomarkers. Expert Review of Proteomics, 2014, 11, 179-205.   | 3.0 | 31        |
| 84 | Transient Receptor Potential Channel 1 Deficiency Impairs Host Defense and Proinflammatory Responses to Bacterial Infection by Regulating Protein Kinase C $\alpha$ Signaling. Molecular and Cellular Biology, 2015, 35, 2729-2739. | 2.3 | 31        |
| 85 | Atg7 Enhances Host Defense against Infection via Downregulation of Superoxide but Upregulation of Nitric Oxide. Journal of Immunology, 2015, 194, 1112-1121.  | 0.8 | 30        |
| 86 | Drug resistance in colorectal cancer: An epigenetic overview. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188623.   | 7.4 | 30        |
| 87 | Autophagy in health and disease: From molecular mechanisms to therapeutic target. MedComm, 2022, 3, .   | 7.2 | 30        |
| 88 | Contribution of reactivated RUNX3 to inhibition of gastric cancer cell growth following suberoylanilide hydroxamic acid (vorinostat) treatment. Biochemical Pharmacology, 2007, 73, 990-1000.                                       | 4.4 | 29        |
| 89 | The Multifaceted Role of Flavonoids in Cancer Therapy: Leveraging Autophagy with a Double-Edged Sword. Antioxidants, 2021, 10, 1138.  | 5.1 | 29        |
| 90 | Tissue and plasma proteomics for early stage cancer detection. Molecular Omics, 2018, 14, 405-423.  | 2.8 | 28        |

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|-----|---|------|-----------|
| 91  | Chemistry-based functional proteomics for drug target deconvolution. Expert Review of Proteomics, 2012, 9, 293-310.   | 3.0  | 27        |
| 92  | Toxicarioside O induces protective autophagy in a sirutin-1-dependent manner in colorectal cancer cells. Oncotarget, 2017, 8, 52783-52791.  | 1.8  | 26        |
| 93  | The crosstalk between reactive oxygen species and noncoding RNAs: from cancer code to drug role. Molecular Cancer, 2022, 21, 30.  | 19.2 | 26        |
| 94  | Unraveling the complexity of hepatitis B virus: From molecular understanding to therapeutic strategy in 50 years. International Journal of Biochemistry and Cell Biology, 2013, 45, 1987-1996.                        | 2.8  | 25        |
| 95  | Recent advances in proteomics: towards the human proteome. Biomedical Chromatography, 2014, 28, 848-857.  | 1.7  | 25        |
| 96  | Oblongifolin M, an active compound isolated from a Chinese medical herb <i>Garcinia oblongifolia</i> , potently inhibits enterovirus 71 reproduction through downregulation of ERp57. Oncotarget, 2016, 7, 8797-8808. | 1.8  | 25        |
| 97  | Fibroblast growth factor receptors: multifactorial-contributors to tumor initiation and progression. Histology and Histopathology, 2015, 30, 13-31.   | 0.7  | 24        |
| 98  | Redox-sensitive cyclophilin A elicits chemoresistance through realigning cellular oxidative status in colorectal cancer. Cell Reports, 2021, 37, 110069.  | 6.4  | 23        |
| 99  | Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587.  |      | 22        |
| 100 | Comprehensive proteomic analysis of host cell lipid rafts modified by HBV infection. Journal of Proteomics, 2012, 75, 725-739.  | 2.4  | 21        |
| 101 | Thiolâ€based redox proteomics in cancer research. Proteomics, 2015, 15, 287-299.  | 2.2  | 21        |
| 102 | Oncoproteomics: Current status and future opportunities. Clinica Chimica Acta, 2019, 495, 611-624.  | 1.1  | 20        |
| 103 | Spontaneous apoptosis of cells in therapeutic stem cell preparation exert immunomodulatory effects through release of phosphatidylserine. Signal Transduction and Targeted Therapy, 2021, 6, 270.                     | 17.1 | 20        |
| 104 | Peroxiredoxin 1 is essential for natamycin-triggered apoptosis and protective autophagy in hepatocellular carcinoma. Cancer Letters, 2021, 521, 210-223.  | 7.2  | 20        |
| 105 | Clinical applications of plasma proteomics and peptidomics: Towards precision medicine. Proteomics - Clinical Applications, 2022, 16, e2100097.   | 1.6  | 20        |
| 106 | Viral proteomics: The emerging cutting-edge of virus research. Science China Life Sciences, 2011, 54, 502-512.  | 4.9  | 19        |
| 107 | The metabolic switch and its regulation in cancer cells. Science China Life Sciences, 2010, 53, 942-958.  | 4.9  | 18        |
| 108 | Using proteomics to identify the HBx interactome in hepatitis B virus: how can this inform the clinic?. Expert Review of Proteomics, 2014, 11, 59-74.   | 3.0  | 18        |

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|-----|---|------|-----------|
| 109 | A novel role for ketoconazole in hepatocellular carcinoma treatment: linking PTGS2 to mitophagy machinery. <i>Autophagy</i> , 2019, 15, 733-734.  | 9.1  | 18        |
| 110 | Proteomics, Personalized Medicine and Cancer. <i>Cancers</i> , 2021, 13, 2512.  | 3.7  | 18        |
| 111 | Redox Control of the Dormant Cancer Cell Life Cycle. <i>Cells</i> , 2021, 10, 2707.   | 4.1  | 18        |
| 112 | Molecular insights into cancer drug resistance from a proteomics perspective. <i>Expert Review of Proteomics</i> , 2019, 16, 413-429.   | 3.0  | 17        |
| 113 | Dynamic impact of virome on colitis and colorectal cancer: Immunity, inflammation, prevention and treatment. <i>Seminars in Cancer Biology</i> , 2022, 86, 943-954.   | 9.6  | 17        |
| 114 | Live-attenuated measles virus vaccine confers cell contact loss and apoptosis of ovarian cancer cells via ROS-induced silencing of E-cadherin by methylation. <i>Cancer Letters</i> , 2012, 318, 14-25.                                     | 7.2  | 16        |
| 115 | PHLDB2 Mediates Cetuximab Resistance via Interacting With EGFR in Latent Metastasis of Colorectal Cancer. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1223-1242.  | 4.5  | 16        |
| 116 | Nanoengineering a metal-organic framework for osteosarcoma chemo-immunotherapy by modulating indoleamine-2,3-dioxygenase and myeloid-derived suppressor cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 162. | 8.6  | 16        |
| 117 | Proteomics analysis of tumor microenvironment: Implications of metabolic and oxidative stresses in tumorigenesis. <i>Mass Spectrometry Reviews</i> , 2013, 32, 267-311.   | 5.4  | 15        |
| 118 | ZNF37A promotes tumor metastasis through transcriptional control of THSD4/TGF- $\beta$ 2 axis in colorectal cancer. <i>Oncogene</i> , 2021, 40, 3394-3407.  | 5.9  | 15        |
| 119 | A minimalist and robust chemo-photothermal nanoplatform capable of augmenting autophagy-modulated immune response against breast cancer. <i>Materials Today Bio</i> , 2022, 15, 100289.   | 5.5  | 15        |
| 120 | Pathology, proteomics and the pathway to personalised medicine. <i>Expert Review of Proteomics</i> , 2018, 15, 231-243.   | 3.0  | 14        |
| 121 | Cell-surface translocation of annexin A2 contributes to bleomycin-induced pulmonary fibrosis by mediating inflammatory response in mice. <i>Clinical Science</i> , 2019, 133, 789-804.  | 4.3  | 14        |
| 122 | Revisiting cancer hallmarks: insights from the interplay between oxidative stress and non-coding RNAs. <i>Molecular Biomedicine</i> , 2020, 1, 4.   | 4.4  | 14        |
| 123 | Psychological intervention to treat distress: An emerging frontier in cancer prevention and therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188665.  | 7.4  | 14        |
| 124 | MicroRNA Biogenesis is enhanced by Liposome- Encapsulated Pin1 Inhibitor in Hepatocellular Carcinoma. <i>Theranostics</i> , 2019, 9, 4704-4716.   | 10.0 | 13        |
| 125 | Moonlighting Metabolic Enzymes in Cancer: New Perspectives on the Redox Code. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 979-1003.   | 5.4  | 13        |
| 126 | Microbial and genetic-based framework identifies drug targets in inflammatory bowel disease. <i>Theranostics</i> , 2021, 11, 7491-7506.   | 10.0 | 13        |



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|-----|--|------|-----------|
| 127 | Epigenetic Regulation of Epithelial to Mesenchymal Transition in the Cancer Metastatic Cascade: Implications for Cancer Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 657546.                                    | 2.8  | 13        |
| 128 | Integrative oncoproteomics strategies for anticancer drug discovery. <i>Expert Review of Proteomics</i> , 2010, 7, 411-429.  | 3.0  | 10        |
| 129 | Proteomics revisits the cancer metabolome. <i>Expert Review of Proteomics</i> , 2011, 8, 505-533.  | 3.0  | 10        |
| 130 | Proteogenomic studies on cancer drug resistance: towards biomarker discovery and target identification. <i>Expert Review of Proteomics</i> , 2017, 14, 351-362.  | 3.0  | 10        |
| 131 | Redox proteomics screening cellular factors associated with oxidative stress in hepatocarcinogenesis. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600089.   | 1.6  | 10        |
| 132 | Dietary serine supplementation: Friend or foe?. <i>Current Opinion in Pharmacology</i> , 2021, 61, 12-20.  | 3.5  | 10        |
| 133 | Oxidative Stress in Cancer Immunotherapy: Molecular Mechanisms and Potential Applications. <i>Antioxidants</i> , 2022, 11, 853.  | 5.1  | 10        |
| 134 | Harnessing redox signaling to overcome therapeutic-resistant cancer dormancy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188749.  | 7.4  | 10        |
| 135 | High-throughput screening of cellular redox sensors using modern redox proteomics approaches. <i>Expert Review of Proteomics</i> , 2015, 12, 543-555.  | 3.0  | 9         |
| 136 | A potential target for liver cancer management, lysophosphatidic acid receptor 6 (LPAR6), is transcriptionally up-regulated by the NCOA3 coactivator. <i>Journal of Biological Chemistry</i> , 2020, 295, 1474-1488. | 3.4  | 9         |
| 137 | Repurposing econazole as a pharmacological autophagy inhibitor to treat pancreatic ductal adenocarcinoma. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3085-3102.  | 12.0 | 9         |
| 138 | Uncovering N4-Acetylcytidine-Related mRNA Modification Pattern and Landscape of Stemness and Immunity in Hepatocellular Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 861000.            | 3.7  | 9         |
| 139 | Comparative plasma membrane-associated proteomics of immortalized human hepatocytes. <i>Biochemistry (Moscow)</i> , 2008, 73, 1200-1206.   | 1.5  | 8         |
| 140 | Oncoproteomics: Trials and tribulations. <i>Proteomics - Clinical Applications</i> , 2016, 10, 516-531.  | 1.6  | 8         |
| 141 | Cyclophilin A was revealed as a candidate marker for human oral submucous fibrosis by proteomic analysis. <i>Cancer Biomarkers</i> , 2017, 20, 345-356.  | 1.7  | 8         |
| 142 | Proteomic analysis of cervical cancer cells treated with suberonylanilide hydroxamic acid. <i>Journal of Biosciences</i> , 2008, 33, 715-721.  | 1.1  | 7         |
| 143 | Proteomic Analyses of Gastric Cancer Cells Treated with Vesicular Stomatitis Virus Matrix Protein. <i>Protein Journal</i> , 2011, 30, 308-317.   | 1.6  | 7         |
| 144 | Crosstalk Between Lung and Extrapulmonary Organs in Infection and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1303, 333-350.  | 1.6  | 7         |

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|-----|--|------|-----------|
| 145 | The Emerging Roles and Therapeutic Implications of Epigenetic Modifications in Ovarian Cancer. Frontiers in Endocrinology, 2022, 13, .                                       | 3.5  | 6         |
| 146 | The histone deacetylase inhibitor MS-275 induces p21 <sup>WAF1/Cip1</sup> expression in human Hep3B hepatoma cells. Drug Development Research, 2007, 68, 61-70.              | 2.9  | 5         |
| 147 | Application of Chemistry-Based Functional Proteomics to Screening for Novel Drug Targets. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 414-421.          | 1.1  | 5         |
| 148 | The Application of High Throughput siRNA Screening Technology to Study Host-Pathogen Interactions. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 299-305. | 1.1  | 4         |
| 149 | A cellular thermal shift assay for detecting amino acid sites involved in drug target engagement. STAR Protocols, 2022, 3, 101423.   | 1.2  | 4         |
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