

Ronggui Hu

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,740
citations

257450

24
h-index

189892

50
g-index

60
all docs

60
docs citations

60
times ranked

5015
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A CRISPR-based approach for targeted DNA demethylation. <i>Cell Discovery</i> , 2016, 2, 16009. | 6.7 | 325 |
| 2 | A Low-toxic Multifunctional Nanoplatfrom Based on Cu ₉ S ₅ @mSiO ₂ Core-shell Nanocomposites: Combining Photothermal and Chemotherapies with Infrared Thermal Imaging for Cancer Treatment. <i>Advanced Functional Materials</i> , 2013, 23, 4281-4292. | 14.9 | 207 |
| 3 | Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. <i>Cancer Cell</i> , 2014, 26, 106-120. | 16.8 | 198 |
| 4 | FBXO38 mediates PD-1 ubiquitination and regulates anti-tumour immunity of T cells. <i>Nature</i> , 2018, 564, 130-135. | 27.8 | 174 |
| 5 | Iron Metabolism Regulates p53 Signaling through Direct Heme-p53 Interaction and Modulation of p53 Localization, Stability, and Function. <i>Cell Reports</i> , 2014, 7, 180-193. | 6.4 | 170 |
| 6 | Hydrophilic Molybdenum Oxide Nanomaterials with Controlled Morphology and Strong Plasmonic Absorption for Photothermal Ablation of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3915-3922. | 8.0 | 166 |
| 7 | Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017, 27, 657-674. | 12.0 | 143 |
| 8 | The use of hollow mesoporous silica nanospheres to encapsulate bortezomib and improve efficacy for non-small cell lung cancer therapy. <i>Biomaterials</i> , 2014, 35, 316-326. | 11.4 | 96 |
| 9 | Excessive UBE3A dosage impairs retinoic acid signaling and synaptic plasticity in autism spectrum disorders. <i>Cell Research</i> , 2018, 28, 48-68. | 12.0 | 95 |
| 10 | The mTOR-S6K pathway links growth signalling to DNA damage response by targeting RNF168. <i>Nature Cell Biology</i> , 2018, 20, 320-331. | 10.3 | 86 |
| 11 | Characterization of the GufA subfamily member SLC39A11/Zip11 as a zinc transporter. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1697-1708. | 4.2 | 66 |
| 12 | Ubiquitin-dependent degradation of CDK2 drives the therapeutic differentiation of AML by targeting PRDX2. <i>Blood</i> , 2018, 131, 2698-2711. | 1.4 | 66 |
| 13 | SPSB1-mediated HnRNP A1 ubiquitylation regulates alternative splicing and cell migration in EGF signaling. <i>Cell Research</i> , 2017, 27, 540-558. | 12.0 | 57 |
| 14 | RNF217 regulates iron homeostasis through its E3 ubiquitin ligase activity by modulating ferroportin degradation. <i>Blood</i> , 2021, 138, 689-705. | 1.4 | 56 |
| 15 | A smartphone controlled handheld microfluidic liquid handling system. <i>Lab on A Chip</i> , 2014, 14, 4085-4092. | 6.0 | 54 |
| 16 | The E3 Ligase RING1 Targets p53 for Degradation and Promotes Cancer Cell Proliferation and Survival. <i>Cancer Research</i> , 2018, 78, 359-371. | 0.9 | 51 |
| 17 | MKRN3 regulates the epigenetic switch of mammalian puberty via ubiquitination of MBD3. <i>National Science Review</i> , 2020, 7, 671-685. | 9.5 | 48 |
| 18 | MKRN3-mediated ubiquitination of Poly(A)-binding proteins modulates the stability and translation of <i>GNRH1</i> mRNA in mammalian puberty. <i>Nucleic Acids Research</i> , 2021, 49, 3796-3813. | 14.5 | 44 |

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|----|--|------|-----------|
| 19 | LRCH1 interferes with DOCK8-Cdc42-induced T cell migration and ameliorates experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2017, 214, 209-226. | 8.5 | 40 |
| 20 | Fibroblasts in an endocardial fibroelastosis disease model mainly originate from mesenchymal derivatives of epicardium. <i>Cell Research</i> , 2017, 27, 1157-1177. | 12.0 | 39 |
| 21 | ER-localized Hrd1 ubiquitinates and inactivates Usp15 to promote TLR4-induced inflammation during bacterial infection. <i>Nature Microbiology</i> , 2019, 4, 2331-2346. | 13.3 | 39 |
| 22 | A simple transformation from silica core-shell to yolk-shell nanostructures: a useful platform for effective cell imaging and drug delivery. <i>Journal of Materials Chemistry</i> , 2012, 22, 17011. | 6.7 | 37 |
| 23 | ALS-Associated E478G Mutation in Human OPTN (Optineurin) Promotes Inflammation and Induces Neuronal Cell Death. <i>Frontiers in Immunology</i> , 2018, 9, 2647. | 4.8 | 33 |
| 24 | Bacterial effector NleL promotes enterohemorrhagic <i>E. coli</i> -induced attaching and effacing lesions by ubiquitylating and inactivating JNK. <i>PLoS Pathogens</i> , 2017, 13, e1006534. | 4.7 | 28 |
| 25 | High glucose-induced ubiquitination of G6PD leads to the injury of podocytes. <i>FASEB Journal</i> , 2019, 33, 6296-6310. | 0.5 | 28 |
| 26 | OTUD7B Deubiquitinates LSD1 to Govern Its Binding Partner Specificity, Homeostasis, and Breast Cancer Metastasis. <i>Advanced Science</i> , 2021, 8, e2004504. | 11.2 | 27 |
| 27 | Maternal exposure to triclosan constitutes a yet unrecognized risk factor for autism spectrum disorders. <i>Cell Research</i> , 2019, 29, 866-869. | 12.0 | 25 |
| 28 | Iron overload in hereditary tyrosinemia type 1 induces liver injury through the Sp1/Tfr2/hepcidin axis. <i>Journal of Hepatology</i> , 2016, 65, 137-145. | 3.7 | 22 |
| 29 | An Integrative Synthetic Biology Approach to Interrogating Cellular Ubiquitin and Ufm Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4231. | 4.1 | 19 |
| 30 | The KBTBD6/7-DRD2 axis regulates pituitary adenoma sensitivity to dopamine agonist treatment. <i>Acta Neuropathologica</i> , 2020, 140, 377-396. | 7.7 | 19 |
| 31 | Ubiquitination of IGF2BP3 by E3 ligase MKRN2 regulates the proliferation and migration of human neuroblastoma SHSY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 43-50. | 2.1 | 19 |
| 32 | TEM8 marks neovasculogenic tumor-initiating cells in triple-negative breast cancer. <i>Nature Communications</i> , 2021, 12, 4413. | 12.8 | 19 |
| 33 | A Novel Prognostic Model of Early-Stage Lung Adenocarcinoma Integrating Methylation and Immune Biomarkers. <i>Frontiers in Genetics</i> , 2020, 11, 634634. | 2.3 | 18 |
| 34 | A novel mutation in 5'-UTR of Makorin ring finger 3 gene associated with the familial precocious puberty. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 1291-1293. | 2.0 | 17 |
| 35 | Identification of Arsenic Direct-Binding Proteins in Acute Promyelocytic Leukaemia Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26871-26879. | 4.1 | 16 |
| 36 | Recent progress in ubiquitin and ubiquitin-like protein (Ubl) signaling. <i>Cell Research</i> , 2016, 26, 389-390. | 12.0 | 16 |

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|----|---|------|-----------|
| 37 | Translatomic profiling reveals novel self-restricting virus-host interactions during HBV infection. <i>Journal of Hepatology</i> , 2021, 75, 74-85. | 3.7 | 16 |
| 38 | HERC3 regulates epithelial-mesenchymal transition by directly ubiquitination degradation EIF5A2 and inhibits metastasis of colorectal cancer. <i>Cell Death and Disease</i> , 2022, 13, 74. | 6.3 | 16 |
| 39 | Prognostic significance of SLC9A9 in patients with resectable esophageal squamous cell carcinoma. <i>Tumor Biology</i> , 2015, 36, 6797-6803. | 1.8 | 15 |
| 40 | Profiling human protein degradome delineates cellular responses to proteasomal inhibition and reveals a feedback mechanism in regulating proteasome homeostasis. <i>Cell Research</i> , 2014, 24, 1214-1230. | 12.0 | 13 |
| 41 | Long Non-coding RNA NEAT1 Alleviates Acute-on-Chronic Liver Failure Through Blocking TRAF6 Mediated Inflammatory Response. <i>Frontiers in Physiology</i> , 2019, 10, 1503. | 2.8 | 13 |
| 42 | SQSTM1/p62 (sequestosome 1) senses cellular ubiquitin stress through E2-mediated ubiquitination. <i>Autophagy</i> , 2018, 14, 1-2. | 9.1 | 12 |
| 43 | Enterohemorrhagic <i>E. coli</i> effector NleL disrupts host NF- κ B signaling by targeting multiple host proteins. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 318-321. | 3.3 | 11 |
| 44 | MTSS1 suppresses mammary tumor-initiating cells by enhancing RBCK1-mediated p65 ubiquitination. <i>Nature Cancer</i> , 2020, 1, 222-234. | 13.2 | 11 |
| 45 | The heme- ϵ p53 interaction: Linking iron metabolism to p53 signaling and tumorigenesis. <i>Molecular and Cellular Oncology</i> , 2016, 3, e965642. | 0.7 | 9 |
| 46 | Clinical and molecular characterization of thirty Chinese patients with congenital lipoid adrenal hyperplasia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 206, 105788. | 2.5 | 9 |
| 47 | Multiomics interrogation into HBV (Hepatitis B virus)-host interaction reveals novel coding potential in human genome, and identifies canonical and non-canonical proteins as host restriction factors against HBV. <i>Cell Discovery</i> , 2021, 7, 105. | 6.7 | 9 |
| 48 | Nanocomposites: A Low-Toxic Multifunctional Nanoplatfrom Based on Cu9S5@mSiO2Core-Shell Nanocomposites: Combining Photothermal- and Chemotherapies with Infrared Thermal Imaging for Cancer Treatment (<i>Adv. Funct. Mater.</i> 35/2013). <i>Advanced Functional Materials</i> , 2013, 23, 4280-4280. | 14.9 | 8 |
| 49 | Epilepsy-Associated UBE3A Deficiency Downregulates Retinoic Acid Signalling Pathway. <i>Frontiers in Genetics</i> , 2021, 12, 681295. | 2.3 | 6 |
| 50 | UBQLN4 is an ATM substrate that stabilizes the anti-apoptotic proteins BCL2A1 and BCL2L10 in mesothelioma. <i>Molecular Oncology</i> , 2021, 15, 3738-3752. | 4.6 | 6 |
| 51 | TRIM65 determines the fate of a novel subtype of pituitary neuroendocrine tumors via ubiquitination and degradation of TPIT. <i>Neuro-Oncology</i> , 2022, 24, 1286-1297. | 1.2 | 6 |
| 52 | Hepatokine ERAP1 Disturbs Skeletal Muscle Insulin Sensitivity Via Inhibiting USP33-Mediated ADRB2 Deubiquitination. <i>Diabetes</i> , 2022, 71, 921-933. | 0.6 | 5 |
| 53 | BAP1 regulates AMPK-mTOR signalling pathway through deubiquitinating and stabilizing tumour-suppressor LKB1. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 1025-1032. | 2.1 | 4 |
| 54 | ZIP-seq: genome-wide mapping of trinucleotide repeats at single-base resolution. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 93-96. | 3.3 | 2 |

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|----|--|-----|-----------|
| 55 | Opposing roles of E3 ligases TRIM23 and TRIM21 in regulation of ion channel ANO1 protein levels. <i>Journal of Biological Chemistry</i> , 2021, 296, 100738. | 3.4 | 2 |
| 56 | Retinoic Acid Supplementation Rescues the Social Deficits in Fmr1 Knockout Mice. <i>Frontiers in Genetics</i> , 0, 13, . | 2.3 | 2 |
| 57 | Editorial: The Dynamics of Stress Granules. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 789678. | 3.7 | 1 |
| 58 | Reply to: "A global survey of alternative splicing of HBV transcriptome using long-read sequencing". <i>Journal of Hepatology</i> , 2021, , . | 3.7 | 0 |
| 59 | Ubiquitin-like proteins and their Chinese nomenclatures. <i>Chinese Science Bulletin</i> , 2018, 63, 2564-2569. | 0.7 | 0 |