

Ying Huang

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,089
citations

218677

26
h-index

175258

52
g-index

91
all docs

91
docs citations

91
times ranked

4450
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dosimetric effect of intensity-modulated radiation therapy for postoperative non-small cell lung cancer with and without air cavity in the planning target volume. <i>Medical Dosimetry</i> , 2022, 47, 32-37. | 0.9 | 0 |
| 2 | Increased Combined Anteversion Is an Independent Predictor of Ischiofemoral Impingement in the Setting of Borderline Dysplasia With Coxa Profunda. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1519-1527. | 2.7 | 4 |
| 3 | RNA 5-methylcytosine regulates YBX2-dependent liquid-liquid phase separation. <i>Fundamental Research</i> , 2022, 2, 48-55. | 3.3 | 8 |
| 4 | A Metabolic Multistage Glutathione Depletion Used for Tumor-Specific Chemodynamic Therapy. <i>ACS Nano</i> , 2022, 16, 4228-4238. | 14.6 | 81 |
| 5 | Upregulated YB-1 protein promotes glioblastoma growth through a YB-1/CCT4/mLST8/mTOR pathway. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 8.2 | 21 |
| 6 | What Factors Are Associated With Postoperative Ischiofemoral Impingement After Bernese Periacetabular Osteotomy in Developmental Dysplasia of the Hip?. <i>Clinical Orthopaedics and Related Research</i> , 2022, Publish Ahead of Print, . | 1.5 | 4 |
| 7 | Voxel-Level BED Corrected Dosimetric and Radiobiological Assessment of 2 Kinds of Hybrid Radiotherapy Planning Methods for Stage III NSCLC. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211079. | 1.9 | 0 |
| 8 | Deep Learning for Patient-Specific Quality Assurance: Predicting Gamma Passing Rates for IMRT Based on Delivery Fluence Informed by log Files. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211048. | 1.9 | 5 |
| 9 | Structural insights into dsRNA processing by Drosophila Dicer-2. <i>Nature</i> , 2022, 607, 399-406. | 27.8 | 19 |
| 10 | Structural basis of the bHLH domains of MyoD-E47 heterodimer. <i>Biochemical and Biophysical Research Communications</i> , 2022, 621, 88-93. | 2.1 | 1 |
| 11 | QKI-5 regulates the alternative splicing of cytoskeletal gene <i>ADD3</i> in lung cancer. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 347-360. | 3.3 | 27 |
| 12 | FAM122A is required for hematopoietic stem cell function. <i>Leukemia</i> , 2021, 35, 2130-2134. | 7.2 | 3 |
| 13 | FAM122A promotes acute myeloid leukemia cell growth through inhibiting PP2A activity and sustaining MYC expression. <i>Haematologica</i> , 2021, 106, 903-907. | 3.5 | 4 |
| 14 | The complete genome of extracellular protease-producing <i>Deinococcus</i> sp. D7000 isolated from the hadal region of Mariana Trench Challenger Deep. <i>Marine Genomics</i> , 2021, 57, 100832. | 1.1 | 4 |
| 15 | Individualized Fraction Regimen of SBRT Patients With Non-Small Cell Lung Cancer Based on Uncomplicated and Cancer-Free Control Probability. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110119. | 1.9 | 1 |
| 16 | LOXL1 exerts oncogenesis and stimulates angiogenesis through the LOXL1-FBLN5 integrin/FAK-MAPK axis in ICC. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 797-810. | 5.1 | 18 |
| 17 | Horizontal Gene Transfer of Genes Encoding Copper-Containing Membrane-Bound Monooxygenase (CuMMO) and Soluble Di-iron Monooxygenase (SDIMO) in Ethane- and Propane-Oxidizing <i>Rhodococcus</i> Bacteria. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0022721. | 3.1 | 5 |
| 18 | PS-341 alleviates chronic low-grade inflammation and improves insulin sensitivity through the inhibition of TM4 (UBAC2) degradation. <i>Nutrition and Metabolism</i> , 2021, 18, 54. | 3.0 | 1 |

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|----|--|------|-----------|
| 19 | Regression models for predicting physical and EQD2 plan parameters of two methods of hybrid planning for stage III NSCLC. <i>Radiation Oncology</i> , 2021, 16, 119. | 2.7 | 2 |
| 20 | Geometric and Dosimetric Changes in Tumor and Lung Tissue During Radiotherapy for Lung Cancer With Atelectasis. <i>Frontiers in Oncology</i> , 2021, 11, 690278. | 2.8 | 0 |
| 21 | Virtual Patient-Specific Quality Assurance of IMRT Using UNet++: Classification, Gamma Passing Rates Prediction, and Dose Difference Prediction. <i>Frontiers in Oncology</i> , 2021, 11, 700343. | 2.8 | 10 |
| 22 | Dosimetric comparison and biological evaluation of fixed-jaw intensity-modulated radiation therapy for T-shaped esophageal cancer. <i>Radiation Oncology</i> , 2021, 16, 158. | 2.7 | 4 |
| 23 | Dosimetric Comparison, Treatment Efficiency Estimation, and Biological Evaluation of Popular Stereotactic Radiosurgery Options in Treating Single Small Brain Metastasis. <i>Frontiers in Oncology</i> , 2021, 11, 716152. | 2.8 | 4 |
| 24 | A 2D–3D hybrid convolutional neural network for lung lobe auto-segmentation on standard slice thickness computed tomography of patients receiving radiotherapy. <i>BioMedical Engineering OnLine</i> , 2021, 20, 94. | 2.7 | 6 |
| 25 | Automatic segmentation of lung tumors on CT images based on a 2D & 3D hybrid convolutional neural network. <i>British Journal of Radiology</i> , 2021, 94, 20210038. | 2.2 | 12 |
| 26 | Rett syndrome linked to defects in forming the MeCP2/Rbfox/LASR complex in mouse models. <i>Nature Communications</i> , 2021, 12, 5767. | 12.8 | 16 |
| 27 | Environmental exposure to perfluoroalkyl substances in early pregnancy, maternal glucose homeostasis and the risk of gestational diabetes: A prospective cohort study. <i>Environment International</i> , 2021, 156, 106621. | 10.0 | 50 |
| 28 | Influence of Clinical and Tumor Factors on Interfraction Setup Errors With Rotation Correction for Vacuum Cushion in Lung Stereotactic Body Radiation Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 734709. | 2.8 | 0 |
| 29 | Isotoxic investigation of 18F-FDG PET/CT-guided dose escalation with intensity-modulated radiotherapy for LA-NSCLC. <i>International Journal of Radiation Biology</i> , 2021, 97, 1-24. | 1.8 | 0 |
| 30 | Investigation of Predictors to Achieve Acceptable Lung Dose in T-Shaped Upper and Middle Esophageal Cancer With IMRT and VMAT. <i>Frontiers in Oncology</i> , 2021, 11, 735062. | 2.8 | 1 |
| 31 | A novel CRT–IMRT–combined (Co–CRIM) planning technique for peripheral lung stereotactic body radiotherapy in pinnacle treatment planning system. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 97-107. | 1.9 | 3 |
| 32 | Account for the Full Extent of Esophagus Motion in Radiation Therapy Planning: A Preliminary Study of the IRV of the Esophagus. <i>Frontiers in Oncology</i> , 2021, 11, 734552. | 2.8 | 0 |
| 33 | How Does the Gradient Measure of the Lung SBRT Treatment Plan Depend on the Tumor Volume and Shape?. <i>Frontiers in Oncology</i> , 2021, 11, 781302. | 2.8 | 2 |
| 34 | FAM122A supports the growth of hepatocellular carcinoma cells and its deletion enhances Doxorubicin-induced cytotoxicity. <i>Experimental Cell Research</i> , 2020, 387, 111714. | 2.6 | 9 |
| 35 | High-throughput single-cell cultivation reveals the underexplored rare biosphere in deep-sea sediments along the Southwest Indian Ridge. <i>Lab on A Chip</i> , 2020, 20, 363-372. | 6.0 | 31 |
| 36 | FAM122A Inhibits Erythroid Differentiation through GATA1. <i>Stem Cell Reports</i> , 2020, 15, 721-734. | 4.8 | 2 |

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|----|---|------|-----------|
| 37 | FAM122A maintains DNA stability possibly through the regulation of topoisomerase III \pm expression. <i>Experimental Cell Research</i> , 2020, 396, 112242. | 2.6 | 2 |
| 38 | Measuring the Ocular Morphological Parameters of Guinea Pig Eye with Edge Detection and Curve Fitting. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-13. | 1.3 | 0 |
| 39 | Urban airborne PM2.5-activated microglia mediate neurotoxicity through glutaminase-containing extracellular vesicles in olfactory bulb. <i>Environmental Pollution</i> , 2020, 264, 114716. | 7.5 | 36 |
| 40 | Drosophila P75 safeguards oogenesis by preventing H3K9me2 spreading. <i>Journal of Genetics and Genomics</i> , 2020, 47, 187-199. | 3.9 | 8 |
| 41 | 5-methylcytosine promotes pathogenesis of bladder cancer through stabilizing mRNAs. <i>Nature Cell Biology</i> , 2019, 21, 978-990. | 10.3 | 410 |
| 42 | RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay. <i>Molecular Cell</i> , 2019, 75, 1188-1202.e11. | 9.7 | 242 |
| 43 | Single-cell CAS-seq reveals a class of short PIWI-interacting RNAs in human oocytes. <i>Nature Communications</i> , 2019, 10, 3389. | 12.8 | 66 |
| 44 | 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 |
| 45 | A Pandas complex adapted for piRNA-guided transcriptional silencing and heterochromatin formation. <i>Nature Cell Biology</i> , 2019, 21, 1261-1272. | 10.3 | 49 |
| 46 | Crystal structure of a Y-box binding protein 1 (YB-1)â€“RNA complex reveals key features and residues interacting with RNA. <i>Journal of Biological Chemistry</i> , 2019, 294, 10998-11010. | 3.4 | 47 |
| 47 | Sleep deprivation of rats increases postsurgical expression and activity of L-type calcium channel in the dorsal root ganglion and slows recovery from postsurgical pain. <i>Acta Neuropathologica Communications</i> , 2019, 7, 217. | 5.2 | 16 |
| 48 | Uncovering the mechanistic basis for specific recognition of monomethylated H3K4 by the CW domain of Arabidopsis histone methyltransferase SDG8. <i>Journal of Biological Chemistry</i> , 2018, 293, 6470-6481. | 3.4 | 34 |
| 49 | Identification of substrates of the small RNA methyltransferase Hen1 in mouse spermatogonial stem cells and analysis of its methyl-transfer domain. <i>Journal of Biological Chemistry</i> , 2018, 293, 9981-9994. | 3.4 | 13 |
| 50 | Vanadium(IV)-chlorodipicolinate alleviates hepatic lipid accumulation by inducing autophagy via the LKB1/AMPK signaling pathway in vitro and in vivo. <i>Journal of Inorganic Biochemistry</i> , 2018, 183, 66-76. | 3.5 | 19 |
| 51 | Glucocorticoids induce apoptosis and matrix metalloproteinase-13 expression in chondrocytes through the NOX4/ROS/p38 MAPK pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 181, 52-62. | 2.5 | 44 |
| 52 | Structural insights into the sequence-specific recognition of Piwi by <i>Drosophila</i> Papi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3374-3379. | 7.1 | 18 |
| 53 | Structural Insights into the pH-Dependent Conformational Change and Collagen Recognition of the Human Mannose Receptor. <i>Structure</i> , 2018, 26, 60-71.e3. | 3.3 | 26 |
| 54 | Structural Analysis of the Arabidopsis AL2-PAL and PRC1 Complex Provides Mechanistic Insight into Active-to-Repressive Chromatin State Switch. <i>Journal of Molecular Biology</i> , 2018, 430, 4245-4259. | 4.2 | 11 |

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|----|---|------|-----------|
| 55 | Structural and biochemical insights into small RNA 3' end trimming by Arabidopsis SDN1. <i>Nature Communications</i> , 2018, 9, 3585. | 12.8 | 23 |
| 56 | Structural insights into Rhino-Deadlock complex for germline piRNA cluster specification. <i>EMBO Reports</i> , 2018, 19, . | 4.5 | 19 |
| 57 | Architecture of cell-cell adhesion mediated by sidekicks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9246-9251. | 7.1 | 23 |
| 58 | Readers, writers and erasers of N6-methylated adenosine modification. <i>Current Opinion in Structural Biology</i> , 2017, 47, 67-76. | 5.7 | 82 |
| 59 | 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 |
| 60 | 2-Deoxy-d-Glucose Treatment Decreases Anti-inflammatory M2 Macrophage Polarization in Mice with Tumor and Allergic Airway Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 637. | 4.8 | 70 |
| 61 | 5-HT3a Receptors Modulate Hippocampal Gamma Oscillations by Regulating Synchrony of Parvalbumin-Positive Interneurons. <i>Cerebral Cortex</i> , 2016, 26, bhu209. | 2.9 | 15 |
| 62 | Transcription factors AS1 and AS2 interact with LHP1 to repress <i>KNOX</i> genes in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2016, 58, 959-970. | 8.5 | 45 |
| 63 | Structural studies on MRG701 chromodomain reveal a novel dimerization interface of MRG proteins in green plants. <i>Protein and Cell</i> , 2016, 7, 792-803. | 11.0 | 6 |
| 64 | Keto acid metabolites of branched-chain amino acids inhibit oxidative stress-induced necrosis and attenuate myocardial ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 101, 90-98. | 1.9 | 16 |
| 65 | Vanadium(IV)-chlorodipicolinate inhibits 3T3-L1 preadipocyte adipogenesis by activating LKB1/AMPK signaling pathway. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 1-8. | 3.5 | 24 |
| 66 | FAM122A, a new endogenous inhibitor of protein phosphatase 2A. <i>Oncotarget</i> , 2016, 7, 63887-63900. | 1.8 | 26 |
| 67 | Picoside II protects against sepsis via suppressing inflammation in mice. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5519-5531. | 0.0 | 4 |
| 68 | Structural insights into Rhino-mediated germline piRNA cluster formation. <i>Cell Research</i> , 2015, 25, 525-528. | 12.0 | 32 |
| 69 | MORF-RELATED GENE702, a Reader Protein of Trimethylated Histone H3 Lysine 4 and Histone H3 Lysine 36, Is Involved in Brassinosteroid-Regulated Growth and Flowering Time Control in Rice. <i>Plant Physiology</i> , 2015, 168, 1275-1285. | 4.8 | 31 |
| 70 | Salivary uric acid as a noninvasive biomarker for monitoring the efficacy of urate-lowering therapy in a patient with chronic gouty arthropathy. <i>Clinica Chimica Acta</i> , 2015, 450, 115-120. | 1.1 | 28 |
| 71 | Structure of Zeste-DNA Complex Reveals a New Modality of DNA Recognition by Homeodomain-Like Proteins. <i>Journal of Molecular Biology</i> , 2015, 427, 3824-3833. | 4.2 | 1 |
| 72 | Rhino defines H3K9me3-marked piRNA clusters. <i>Oncotarget</i> , 2015, 6, 20740-20741. | 1.8 | 1 |

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|----|---|------|-----------|
| 73 | Regulation of Arabidopsis Flowering by the Histone Mark Readers MRC1/2 via Interaction with CONSTANS to Modulate FT Expression. <i>PLoS Genetics</i> , 2014, 10, e1004617. | 3.5 | 79 |
| 74 | 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 |
| 75 | Technical Details and Clinical Outcomes of Transpopliteal Venous Stent Placement for Postthrombotic Chronic Total Occlusion of the Iliofemoral Vein. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 925-932. | 0.5 | 56 |
| 76 | Endovascular treatment for symptomatic stent failures in long-segment chronic total occlusion of femoropopliteal arteries. <i>Journal of Vascular Surgery</i> , 2014, 60, 362-368. | 1.1 | 11 |
| 77 | PML-RAR α enhances constitutive autophagic activity through inhibiting the Akt/mTOR pathway. <i>Autophagy</i> , 2011, 7, 1132-1144. | 9.1 | 37 |
| 78 | Post-transcriptional regulation of miRNA biogenesis and functions. <i>Frontiers in Biology</i> , 2010, 5, 32-40. | 0.7 | 6 |
| 79 | Structural basis for methylarginine-dependent recognition of Aubergine by Tudor. <i>Genes and Development</i> , 2010, 24, 1876-1881. | 5.9 | 117 |
| 80 | Structural insights into mechanisms of the small RNA methyltransferase HEN1. <i>FASEB Journal</i> , 2010, 24, 499.6. | 0.5 | 0 |
| 81 | Systematic studies on the recognition of 3' methylated small silencing RNAs by PAZ domains. <i>FASEB Journal</i> , 2010, 24, . | 0.5 | 0 |
| 82 | Structural insights into mechanisms of the small RNA methyltransferase HEN1. <i>Nature</i> , 2009, 461, 823-827. | 27.8 | 129 |
| 83 | Specific interaction between Lin28 and pri-miR7g. <i>FASEB Journal</i> , 2009, 23, 844.2. | 0.5 | 0 |
| 84 | Abdominal aortic wall motion of healthy and hypertensive subjects: Evaluation of tissue Doppler velocity imaging. <i>Journal of Clinical Ultrasound</i> , 2008, 36, 218-225. | 0.8 | 3 |
| 85 | Detection of Small Inflammatory and Metastatic Lymph Nodes in Rabbits by Sonography. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 233-241. | 1.7 | 1 |
| 86 | Recognition of Histone H3 Lysine-4 Methylation by the Double Tudor Domain of JMJD2A. <i>Science</i> , 2006, 312, 748-751. | 12.6 | 406 |
| 87 | Crystal Structure of the HP1-EMSY Complex Reveals an Unusual Mode of HP1 Binding. <i>Structure</i> , 2006, 14, 703-712. | 3.3 | 44 |
| 88 | Crystallization and preliminary crystallographic study of rBmK1IT1, a recombinant δ -insect toxin from the scorpion <i>Buthus martensii</i> Karsch. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1635-1636. | 2.5 | 3 |