

# Huageng Liang

## List of Publications by Year in descending order

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39  
papers

1,029  
citations

471509

17  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of high stability indium gallium zinc oxide transistor biosensors for reliable detection of bladder cancer-associated microRNA. Chinese Chemical Letters, 2022, 33, 979-982.	9.0	19
2	Electrochemical Biosensor Employing Bi <sub>2</sub> S <sub>3</sub> Nanocrystals-Modified Electrode for Bladder Cancer Biomarker Detection. Chemosensors, 2022, 10, 48.	3.6	8
3	Polydopamine-Induced Modification on the Highly Charged Surface of Asymmetric Nanofluidics: A Strategy for Adjustable Ion Current Rectification Properties. Analytical Chemistry, 2022, 94, 2493-2501.	6.5	9
4	Biologically Safe, Versatile, and Smart Bismuthene Functionalized with a Drug Delivery System Based on Red Phosphorus Quantum Dots for Cancer Theranostics. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
5	Biologically Safe, Versatile, and Smart Bismuthene Functionalized with a Drug Delivery System Based on Red Phosphorus Quantum Dots for Cancer Theranostics. Angewandte Chemie, 2022, 134, .	2.0	9
6	Piezoelectric ultrasound energy harvesting device for deep brain stimulation and analgesia applications. Science Advances, 2022, 8, eabk0159.	10.3	55
7	Folic acid-modified Exosome-PH20 enhances the efficiency of therapy via modulation of the tumor microenvironment and directly inhibits tumor cell metastasis. Bioactive Materials, 2021, 6, 963-974.	15.6	73
8	Intelligent Soft Surgical Robots for Next-Generation Minimally Invasive Surgery. Advanced Intelligent Systems, 2021, 3, 2170046.	6.1	4
9	Intelligent Soft Surgical Robots for Next-Generation Minimally Invasive Surgery. Advanced Intelligent Systems, 2021, 3, 2100011.	6.1	55
10	Robot-assisted laparoscopic retroperitoneal leiomyosarcoma resection with inferior vena cava graft replacement: a case report. Translational Andrology and Urology, 2021, 10, 2133-2139.	1.4	4
11	Low Expression Levels of SLC22A12 Indicates a Poor Prognosis and Progresses Clear Cell Renal Cell Carcinoma. Frontiers in Oncology, 2021, 11, 659208.	2.8	4
12	In Situ Nanozyme-Amplified NIR-Phototheranostics for Tumor-Specific Imaging and Therapy. Advanced Functional Materials, 2021, 31, 2103765.	14.9	44
13	PPM-18, an Analog of Vitamin K, Induces Autophagy and Apoptosis in Bladder Cancer Cells Through ROS and AMPK Signaling Pathways. Frontiers in Pharmacology, 2021, 12, 684915.	3.5	8
14	Development of a four-gene prognostic model for clear cell renal cell carcinoma based on transcriptome analysis. Genomics, 2021, 113, 1816-1827.	2.9	12
15	CENPA promotes clear cell renal cell carcinoma progression and metastasis via Wnt/β <sup>2</sup> -catenin signaling pathway. Journal of Translational Medicine, 2021, 19, 417.	4.4	28
16	HIF2α promotes tumour growth in clear cell renal cell carcinoma by increasing the expression of NUDT1 to reduce oxidative stress. Clinical and Translational Medicine, 2021, 11, e592.	4.0	6
17	Ionic Signal Enhancement by the Space Charge Effect through the DNA Rolling Circle Amplification on the Outer Surface of Nanochannels. Analytical Chemistry, 2021, 93, 16043-16050.	6.5	11
18	Non-Modified Ultrasound-Responsive Gas Vesicles from Microcystis with Targeted Tumor Accumulation. International Journal of Nanomedicine, 2021, Volume 16, 8405-8416.	6.7	11

#	ARTICLE	IF	CITATIONS
19	Paclitaxel-Potentiated Photodynamic Theranostics for Synergistic Tumor Ablation and Precise Anticancer Efficacy Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5476-5487.	8.0	26
20	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIR-II Window. <i>Small</i> , 2020, 16, e2002748.	10.0	56
21	The Identification of Critical m6A RNA Methylation Regulators as Malignant Prognosis Factors in Prostate Adenocarcinoma. <i>Frontiers in Genetics</i> , 2020, 11, 602485.	2.3	23
22	Construction of MoS <sub>2</sub> field effect transistor sensor array for the detection of bladder cancer biomarkers. <i>Science China Chemistry</i> , 2020, 63, 997-1003.	8.2	39
23	Vitamin K2 promotes PI3K/AKT/HIF-1 $\alpha$ -mediated glycolysis that leads to AMPK-dependent autophagic cell death in bladder cancer cells. <i>Scientific Reports</i> , 2020, 10, 7714.	3.3	44
24	Design of high stability thin-film transistor biosensor for the diagnosis of bladder cancer. <i>Chinese Chemical Letters</i> , 2020, 31, 1387-1391.	9.0	26
25	IMPDH1/YB-1 Positive Feedback Loop Assembles Cytophidia and Represents a Therapeutic Target in Metastatic Tumors. <i>Molecular Therapy</i> , 2020, 28, 1299-1313.	8.2	20
26	ISG20 serves as a potential biomarker and drives tumor progression in clear cell renal cell carcinoma. <i>Aging</i> , 2020, 12, 1808-1827.	3.1	25
27	LINC00160 mediates sunitinib resistance in renal cell carcinoma via SAA1 that is implicated in STAT3 activation and compound transportation. <i>Aging</i> , 2020, 12, 17459-17479.	3.1	10
28	LXR $\alpha$ promotes cell metastasis by regulating the NLRP3 inflammasome in renal cell carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 159.	6.3	30
29	A cluster of long non-coding RNAs exhibit diagnostic and prognostic values in renal cell carcinoma. <i>Aging</i> , 2019, 11, 9597-9615.	3.1	31
30	A self-tuned graph-based framework for localization and grading prostate cancer lesions: An initial evaluation based on multiparametric magnetic resonance imaging. <i>Computers in Biology and Medicine</i> , 2018, 96, 252-265.	7.0	3
31	UBIAD1 suppresses the proliferation of bladder carcinoma cells by regulating H-Ras intracellular trafficking via interaction with the C-terminal domain of H-Ras. <i>Cell Death and Disease</i> , 2018, 9, 1170.	6.3	12
32	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. <i>Medical Physics</i> , 2018, 45, 4607-4618.	3.0	6
33	Combining Protein and miRNA Quantification for Bladder Cancer Analysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23420-23427.	8.0	39
34	PMN-PT single crystal for endoscopic ultrasound 2D array application. <i>Electronic Materials Letters</i> , 2017, 13, 184-189.	2.2	3
35	Vitamin K2 Induces Mitochondria-Related Apoptosis in Human Bladder Cancer Cells via ROS and JNK/p38 MAPK Signal Pathways. <i>PLoS ONE</i> , 2016, 11, e0161886.	2.5	46
36	Antibody-Modified Reduced Graphene Oxide Films with Extreme Sensitivity to Circulating Tumor Cells. <i>Advanced Materials</i> , 2015, 27, 6848-6854.	21.0	126

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37	Novel lactoferrin-conjugated amphiphilic poly(aminoethyl ethylene phosphate)/poly(L-lactide) copolymer nanobubbles for tumor-targeting ultrasonic imaging. International Journal of Nanomedicine, 2015, 10, 5805.	6.7	14
38	ELL Protein-associated Factor 2 (EAF2) Inhibits Transforming Growth Factor $\beta^2$ Signaling through a Direct Interaction with Smad3. Journal of Biological Chemistry, 2015, 290, 25933-25945.	3.4	10
39	Quencher Group Induced High Specificity Detection of Telomerase in Clear and Bloody Urines by AIEgens. Analytical Chemistry, 2015, 87, 9487-9493.	6.5	70