Huageng Liang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1359782/publications.pdf

Version: 2024-02-01

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	Antibodyâ€Modified Reduced Graphene Oxide Films with Extreme Sensitivity to Circulating Tumor Cells. Advanced Materials, 2015, 27, 6848-6854.	21.0	126
2	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
3	Quencher Group Induced High Specificity Detection of Telomerase in Clear and Bloody Urines by AIEgens. Analytical Chemistry, 2015, 87, 9487-9493.	6.5	70
4	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIRâ€Ⅱ Window. Small, 2020, 16, e2002748.	10.0	56
5	Intelligent Soft Surgical Robots for Nextâ€Generation Minimally Invasive Surgery. Advanced Intelligent Systems, 2021, 3, 2100011.	6.1	55
6	Piezoelectric ultrasound energyâ€“harvesting device for deep brain stimulation and analgesia applications. Science Advances, 2022, 8, eabk0159.	10.3	55
7	Vitamin K2 Induces Mitochondria-Related Apoptosis in Human Bladder Cancer Cells via ROS and JNK/p38 MAPK Signal Pathways. PLoS ONE, 2016, 11, e0161886.	2.5	46
8	Vitamin K2 promotes PI3K/AKT/HIF-1Î±-mediated glycolysis that leads to AMPK-dependent autophagic cell death in bladder cancer cells. Scientific Reports, 2020, 10, 7714.	3.3	44
9	In Situ Nanozymeâ€Amplified NIRâ€Ⅱ Phototheranostics for Tumorâ€Specific Imaging and Therapy. Advanced Functional Materials, 2021, 31, 2103765.	14.9	44
10	Combining Protein and miRNA Quantification for Bladder Cancer Analysis. ACS Applied Materials & Interfaces, 2017, 9, 23420-23427.	8.0	39
11	Construction of MoS2 field effect transistor sensor array for the detection of bladder cancer biomarkers. Science China Chemistry, 2020, 63, 997-1003.	8.2	39
12	A cluster of long non-coding RNAs exhibit diagnostic and prognostic values in renal cell carcinoma. Aging, 2019, 11, 9597-9615.	3.1	31
13	LXRÎ± promotes cell metastasis by regulating the NLRP3 inflammasome in renal cell carcinoma. Cell Death and Disease, 2019, 10, 159.	6.3	30
14	CENPA promotes clear cell renal cell carcinoma progression and metastasis via Wnt/Î²-catenin signaling pathway. Journal of Translational Medicine, 2021, 19, 417.	4.4	28
15	Paclitaxel-Potentiated Photodynamic Theranostics for Synergistic Tumor Ablation and Precise Anticancer Efficacy Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 5476-5487.	8.0	26
16	Design of high stability thin-film transistor biosensor for the diagnosis of bladder cancer. Chinese Chemical Letters, 2020, 31, 1387-1391.	9.0	26
17	ISG20 serves as a potential biomarker and drives tumor progression in clear cell renal cell carcinoma. Aging, 2020, 12, 1808-1827.	3.1	25
18	The Identification of Critical m6A RNA Methylation Regulators as Malignant Prognosis Factors in Prostate Adenocarcinoma. Frontiers in Genetics, 2020, 11, 602485.	2.3	23

#	Article	IF	Citations
19	IMPDH1/YB-1 Positive Feedback Loop Assembles Cytoophidia and Represents a Therapeutic Target in Metastatic Tumors. Molecular Therapy, 2020, 28, 1299-1313.	8.2	20
20	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
21	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
22	UBIAD1 suppresses the proliferation of bladder carcinoma cells by regulating H-Ras intracellular trafficking via interaction with the C-terminal domain of H-Ras. Cell Death and Disease, 2018, 9, 1170.	6.3	12
23	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
24	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
25	Non-Modified Ultrasound-Responsive Gas Vesicles from Microcystis with Targeted Tumor Accumulation. International Journal of Nanomedicine, 2021, Volume 16, 8405-8416.	6.7	11
26	ELL Protein-associated Factor 2 (EAF2) Inhibits Transforming Growth Factor Î² Signaling through a Direct Interaction with Smad3. Journal of Biological Chemistry, 2015, 290, 25933-25945.	3.4	10
27	LINC00160 mediates sunitinib resistance in renal cell carcinoma via SAA1 that is implicated in STAT3 activation and compound transportation. Aging, 2020, 12, 17459-17479.	3.1	10
28	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
29	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
30	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
31	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
32	Electrochemical Biosensor Employing Bi2S3 Nanocrystals-Modified Electrode for Bladder Cancer Biomarker Detection. Chemosensors, 2022, 10, 48.	3.6	8
33	Prostate lesion delineation from multiparametric magnetic resonance imaging based on locality alignment discriminant analysis. Medical Physics, 2018, 45, 4607-4618.	3.0	6
34	HIF2Î± 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
35	Intelligent Soft Surgical Robots for Nextâ€Generation Minimally Invasive Surgery. Advanced Intelligent Systems, 2021, 3, 2170046.	6.1	4
36	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

#	Article	IF	Citations
37	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
38	PMN-PT single crystal for endoscopic ultrasound 2D array application. Electronic Materials Letters, 2017, 13, 184-189.	2.2	3
39	A self-tuned graph-based framework for localization and grading prostate cancer lesions: An initial evaluation based on multiparametric magnetic resonance imaging. Computers in Biology and Medicine, 2018, 96, 252-265.	7.0	3