

Hui Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,170
citations

20
h-index

33
g-index

51
ext. papers

1,526
ext. citations

7.2
avg. IF

4.6
L-index

#	Paper	IF	Citations
50	An ultrasensitive polydopamine bi-functionalized SERS immunoassay for exosome-based diagnosis and classification of pancreatic cancer. <i>Chemical Science</i> , 2018 , 9, 5372-5382	9.4	114
49	Protein chips and nanomaterials for application in tumor marker immunoassays. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3399-411	11.8	100
48	Visual and highly sensitive detection of cancer cells by a colorimetric aptasensor based on cell-triggered cyclic enzymatic signal amplification. <i>Analytical Chemistry</i> , 2014 , 86, 5567-72	7.8	80
47	DNase I enzyme-aided fluorescence signal amplification based on graphene oxide-DNA aptamer interactions for colorectal cancer exosome detection. <i>Talanta</i> , 2018 , 184, 219-226	6.2	76
46	Visual and high-throughput detection of cancer cells using a graphene oxide-based FRET aptasensing microfluidic chip. <i>Lab on A Chip</i> , 2012 , 12, 4864-9	7.2	70
45	A real-time microfluidic multiplex electrochemical loop-mediated isothermal amplification chip for differentiating bacteria. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 84-91	11.8	67
44	Free radical sensors based on inner-cutting graphene field-effect transistors. <i>Nature Communications</i> , 2019 , 10, 1544	17.4	49
43	Ratiometric Fluorescent Silicon Quantum Dots-Ce6 Complex Probe for the Live Cell Imaging of Highly Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2052-2058	9.5	45
42	A new biosensor based on the recognition of phages and the signal amplification of organic-inorganic hybrid nanoflowers for discriminating and quantitating live pathogenic bacteria in urine. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 803-812	8.5	42
41	Cisplatin and paclitaxel target significant long noncoding RNAs in laryngeal squamous cell carcinoma. <i>Medical Oncology</i> , 2014 , 31, 246	3.7	40
40	A novel enzyme-free electrochemical biosensor for rapid detection of <i>Pseudomonas aeruginosa</i> based on high catalytic Cu-ZrMOF and conductive Super P. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111486	11.8	39
39	A label-free and high-efficient GO-based aptasensor for cancer cells based on cyclic enzymatic signal amplification. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 76-81	11.8	37
38	A novel exonuclease III aided amplification method for sensitive nucleic acid detection based on single walled carbon nanotube induced quenching. <i>Chemical Communications</i> , 2012 , 48, 269-71	5.8	37
37	BMI1W maintenance of the proliferative capacity of laryngeal cancer stem cells. <i>Head and Neck</i> , 2011 , 33, 1115-25	4.2	31
36	Rapid detection of malachite green residues in fish using a surface-enhanced Raman scattering-active glass fiber paper prepared by in situ reduction method. <i>Talanta</i> , 2019 , 200, 272-278	6.2	29
35	BMI1 promotes the progression of laryngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2011 , 47, 472-81	4.4	29
34	Circular RNAs and their roles in head and neck cancers. <i>Molecular Cancer</i> , 2019 , 18, 44	42.1	28

33	An intelligent and biocompatible photosensitizer conjugated silicon quantum dots-MnO nanosystem for fluorescence imaging-guided efficient photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4592-4601	7.3	27
32	A novel near-infrared protein assay based on the dissolution and aggregation of aptamer-wrapped single-walled carbon nanotubes. <i>Chemical Communications</i> , 2009 , 5006-8	5.8	20
31	Recent Progress in Detection and Profiling of Cancer Cell-Derived Exosomes. <i>Small</i> , 2021 , 17, e2007971	11	20
30	Sensitive polydopamine bi-functionalized SERS immunoassay for microalbuminuria detection. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111542	11.8	18
29	Voltammetric immunoassay for Mycobacterium tuberculosis secretory protein MPT64 based on a synergistic amplification strategy using rolling circle amplification and a gold electrode modified with graphene oxide, FeO and Pt nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 436	5.8	18
28	Colorimetric determination of staphylococcal enterotoxin B via DNAzyme-guided growth of gold nanoparticles. <i>Mikrochimica Acta</i> , 2016 , 183, 2753-2760	5.8	17
27	A fluoride activated methylene blue releasing platform for imaging and antimicrobial photodynamic therapy of human dental plaque. <i>Chemical Communications</i> , 2018 , 54, 13115-13118	5.8	17
26	Hepatic artery infusion with raltitrexed or 5-fluorouracil for colorectal cancer liver metastasis. <i>World Journal of Gastroenterology</i> , 2017 , 23, 1406-1411	5.6	16
25	Graphene Oxide-Based Suppression of Nonspecificity in Loop-Mediated Isothermal Amplification Enabling the Sensitive Detection of Cyclooxygenase-2 mRNA in Colorectal Cancer. <i>Analytical Chemistry</i> , 2019 , 91, 15694-15702	7.8	12
24	Whole-Brain Monosynaptic Inputs to Hypoglossal Motor Neurons in Mice. <i>Neuroscience Bulletin</i> , 2020 , 36, 585-597	4.3	10
23	EZH2 is overexpressed in laryngeal squamous cell carcinoma and enhances the stem-like properties of AMC-HN-8 cells. <i>Oncology Letters</i> , 2016 , 12, 837-846	2.6	10
22	Terminal deoxynucleotidyl transferase based signal amplification for enzyme-linked aptamer-sorbent assay of colorectal cancer exosomes. <i>Talanta</i> , 2020 , 218, 121089	6.2	8
21	Fluorescent polymer dots and graphene oxide based nanocomplexes for "off-on" detection of metalloproteinase-9. <i>Nanoscale</i> , 2019 , 11, 20903-20909	7.7	8
20	Clinical significance of serum IGFBP-3 in colorectal cancer. <i>Journal of Clinical Laboratory Analysis</i> , 2019 , 33, e22912	3	7
19	Lab in a tube: Isolation, extraction, and isothermal amplification detection of exosomal long noncoding RNA of gastric cancer. <i>Talanta</i> , 2021 , 225, 122090	6.2	7
18	Surface Plasmon Coupling Electrochemiluminescence Immunosensor Based on Polymer Dots and AuNPs for Ultrasensitive Detection of Pancreatic Cancer Exosomes.. <i>Analytical Chemistry</i> , 2021 ,	7.8	7
17	Surface-enhanced Raman scattering detection of dibenzothiophene and its derivatives without π acceptor compound using multilayer Ag NPs modified glass fiber paper. <i>Talanta</i> , 2020 , 220, 121357	6.2	6
16	Overexpressed miR-128a enhances chemoradiotherapy to laryngeal cancer cells and its correlation with BMI1. <i>Future Oncology</i> , 2018 , 14, 611-620	3.6	5

15	Fast detection of with a novel fluorescent biosensor based on a FRET system between UCNPs and GO@FeO in urine specimens. <i>Analytical Methods</i> , 2021 , 13, 2209-2214	3.2	5
14	Cascade signal amplification for sensitive detection of exosomes by integrating tyramide and surface-initiated enzymatic polymerization. <i>Chemical Communications</i> , 2020 , 56, 12793-12796	5.8	4
13	Real-time fluorescence loop-mediated isothermal amplification assay for rapid and sensitive detection of <i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> associated with colorectal cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6877-6887	4.4	3
12	Clinical efficacy of neoadjuvant chemotherapy with platinum-based regimen for patients with locoregionally advanced head and neck squamous cell carcinoma: an evidence-based meta-analysis. <i>Annals of Saudi Medicine</i> , 2011 , 31, 502-12	1.6	3
11	A novel specific and ultrasensitive method detecting extracellular vesicles secreted from lung cancer by padlock probe-based exponential rolling circle amplification. <i>Nano Today</i> , 2022 , 42, 101334	17.9	2
10	Rapid and specific detection nanoplatfrom of serum exosomes for prostate cancer diagnosis. <i>Mikrochimica Acta</i> , 2021 , 188, 283	5.8	2
9	Mid-term outcomes of uncemented or cemented arthroplasty revision following metal-on-metal total hip arthroplasty failure: a retrospective observational study. <i>Journal of International Medical Research</i> , 2020 , 48, 300060520932051	1.4	1
8	Evaluation of serum insulin-like growth factor 1 and its significance in thyroid cancer: An observational study. <i>Medicine (United States)</i> , 2021 , 100, e26165	1.8	1
7	Dual-modality loop-mediated isothermal amplification for pretreatment-free detection of Septin9 methylated DNA in colorectal cancer. <i>Mikrochimica Acta</i> , 2021 , 188, 307	5.8	1
6	Facile Synthesis Strategy from Sludge-Derived Extracellular Polymeric Substances to Nitrogen-Doped Graphene Oxide-Like Material and Quantum Dots. <i>ACS Omega</i> , 2021 , 6, 24940-24948	3.9	1
5	Facile Preparation and Extensive Characterization of Naproxen β -Cyclodextrin Inclusion Complex. <i>Journal of Analysis and Testing</i> , 2017 , 1, 1	3.2	0
4	Sensitive Fluorescent Sensor for the Fuzzy Exosomes in Serum Based on the Exosome Imprinted Polymer Sandwiched with Aggregation Induced Emission. <i>Sensors and Actuators B: Chemical</i> , 2021 , 358, 131182	8.5	0
3	Clinical significance of serum S100A10 in lung cancer. <i>Journal of International Medical Research</i> , 2021 , 49, 3000605211049653	1.4	0
2	DIAPH1 Promotes Laryngeal Squamous Cell Carcinoma Progression Through Cell Cycle Regulation. <i>Frontiers in Oncology</i> , 2021 , 11, 716876	5.3	0
1	The expression and clinical significance of miR-1226 in patients with periodontitis. <i>BMC Oral Health</i> , 2021 , 21, 487	3.7	0