

Juan Hu

List of Publications by Year in descending order

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32
papers

899
citations

516215

16
h-index

476904

29
g-index

40
all docs

40
docs citations

40
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of isothermal amplification with quantum dot-based fluorescence resonance energy transfer for simultaneous detection of multiple microRNAs. <i>Chemical Science</i> , 2018, 9, 4258-4267.	3.7	105
2	An electrochemical biosensor based on the enhanced quasi-reversible redox signal of prussian blue generated by self-sacrificial label of iron metal-organic framework. <i>Biosensors and Bioelectronics</i> , 2018, 122, 168-174.	5.3	78
3	Advances in single quantum dot-based nanosensors. <i>Chemical Communications</i> , 2017, 53, 13284-13295.	2.2	74
4	Mimic Peroxidase- and Bi ₂ S ₃ Nanorod-Based Photoelectrochemical Biosensor for Signal-On Detection of Polynucleotide Kinase. <i>Analytical Chemistry</i> , 2018, 90, 11478-11485.	3.2	72
5	Construction of Tetrahedral DNA-Quantum Dot Nanostructure with the Integration of Multistep Förster Resonance Energy Transfer for Multiplex Enzymes Assay. <i>ACS Nano</i> , 2019, 13, 7191-7201.	7.3	68
6	Simultaneous sensitive detection of multiple DNA glycosylases from lung cancer cells at the single-molecule level. <i>Chemical Science</i> , 2018, 9, 712-720.	3.7	64
7	Quantum dot-based electrochemical biosensor for stripping voltammetric detection of telomerase at the single-cell level. <i>Biosensors and Bioelectronics</i> , 2018, 122, 51-57.	5.3	56
8	Single Quantum Dot-Based Nanosensor for Sensitive Detection of O-GlcNAc Transferase Activity. <i>Analytical Chemistry</i> , 2017, 89, 12992-12999.	3.2	46
9	A single quantum dot-based nanosensor with multilayer of multiple acceptors for ultrasensitive detection of human alkyladenine DNA glycosylase. <i>Chemical Science</i> , 2019, 10, 8675-8684.	3.7	41
10	Rolling circle amplification-driven encoding of different fluorescent molecules for simultaneous detection of multiple DNA repair enzymes at the single-molecule level. <i>Chemical Science</i> , 2020, 11, 5724-5734.	3.7	41
11	Label-Free and Immobilization-Free Electrochemical Magnetobiosensor for Sensitive Detection of 5-Hydroxymethylcytosine in Genomic DNA. <i>Analytical Chemistry</i> , 2019, 91, 1232-1236.	3.2	37
12	Risk of type 2 diabetes mellitus after gestational diabetes mellitus: A systematic review & meta-analysis. <i>Indian Journal of Medical Research</i> , 2021, 154, 62.	0.4	31
13	Simple Mix-and-Read Assay with Multiple Cyclic Enzymatic Repairing Amplification for Rapid and Sensitive Detection of DNA Glycosylase. <i>Analytical Chemistry</i> , 2021, 93, 6913-6918.	3.2	24
14	Label-Free and Template-Free Chemiluminescent Biosensor for Sensitive Detection of 5-Hydroxymethylcytosine in Genomic DNA. <i>Analytical Chemistry</i> , 2021, 93, 1939-1943.	3.2	20
15	The ligand-gated ion channel P2X7 receptor mediates NLRP3/caspase-1-mediated pyroptosis in cerebral cortical neurons of juvenile rats with sepsis. <i>Brain Research</i> , 2020, 1748, 147109.	1.1	18
16	Construction of a sensitive protease sensor with DNA-peptide conjugates for single-molecule detection of multiple matrix metalloproteinases. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112647.	5.3	18
17	Relationship between the IADPSG-criteria-defined abnormal glucose values and adverse pregnancy outcomes among women having gestational diabetes mellitus. <i>Medicine (United States)</i> , 2018, 97, e12920.	0.4	17
18	Metabolomic profiling of fatty acid biomarkers for intracerebral hemorrhage stroke. <i>Talanta</i> , 2021, 222, 121679.	2.9	14

#	ARTICLE	IF	CITATIONS
19	Construction of a single quantum dot nanosensor with the capability of sensing methylcytosine sites for sensitive quantification of methyltransferase. <i>Nanoscale</i> , 2020, 12, 4519-4526.	2.8	10
20	Promoting breastfeeding in Chinese women undergoing cesarean section based on the health belief model. <i>Medicine (United States)</i> , 2020, 99, e20815.	0.4	8
21	The risk factors for perioperative venous thromboembolism in patients with gynecological malignancies: A meta-analysis. <i>Thrombosis Research</i> , 2020, 196, 325-334.	0.8	7
22	A multifunctional DNA nanostructure based on multicolor FRET for nuclease activity assay. <i>Analyst, The</i> , 2020, 145, 6054-6060.	1.7	7
23	A single quantum dot-based fluorescence resonance energy transfer biosensor for antibody-free detection of ten-eleven translocation 1. <i>Chemical Communications</i> , 2021, 57, 3543-3546.	2.2	7
24	Mental state of central sterile supply department staff during COVID-19 epidemic and CART analysis. <i>BMC Health Services Research</i> , 2020, 20, 1006.	0.9	6
25	The surgical safety checklist: a quantitative study on attitudes and barriers among gynecological surgery teams. <i>BMC Health Services Research</i> , 2021, 21, 1106.	0.9	6
26	Deacetylation-activated construction of single quantum dot-based nanosensor for sirtuin 1 assay. <i>Talanta</i> , 2021, 224, 121918.	2.9	5
27	Cumulative evidence for association of rhinitis and depression. <i>Allergy, Asthma and Clinical Immunology</i> , 2021, 17, 111.	0.9	5
28	Investigation on the status of oral intake management measures during labor in China. <i>Medicine (United States)</i> , 2020, 99, e20626.	0.4	4
29	Current practices of peripheral intravenous catheter fixation in pediatric patients and factors influencing pediatric nurses' knowledge, attitude and practice concerning peripheral intravenous catheter fixation: a cross-sectional study. <i>BMC Nursing</i> , 2021, 20, 236.	0.9	3
30	Factors affecting implementation and pass rates of surgical instrument moistening. <i>BMC Infectious Diseases</i> , 2021, 21, 752.	1.3	2
31	Factors associated with deficiencies in packaging of surgical instrument by staff at a single center in China. <i>BMC Health Services Research</i> , 2022, 22, 660.	0.9	2
32	Factors Associated with Deficiencies in Packaging of Surgical Instrument by Staff at a Single Center in China. <i>Medical Science Monitor</i> , 0, 27, .	0.5	0