

Wei Liu

List of Publications by Year in descending order

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30
papers

1,005
citations

535685

17
h-index

536525

29
g-index

30
all docs

30
docs citations

30
times ranked

1214
citing authors

#	ARTICLE	IF	CITATIONS
1	Laminated Paper-Based Analytical Devices (LPAD) with Origami-Enabled Chemiluminescence Immunoassay for Cotinine Detection in Mouse Serum. <i>Analytical Chemistry</i> , 2013, 85, 10270-10276.	3.2	126
2	Plasma treatment of paper for protein immobilization on paper-based chemiluminescence immunodevice. <i>Biosensors and Bioelectronics</i> , 2016, 79, 581-588.	5.3	97
3	Paper-based chromatographic chemiluminescence chip for the detection of dichlorvos in vegetables. <i>Biosensors and Bioelectronics</i> , 2014, 52, 76-81.	5.3	77
4	A molecularly imprinted polymer based a lab-on-paper chemiluminescence device for the detection of dichlorvos. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 141, 51-57.	2.0	73
5	Ring-Oven Washing Technique Integrated Paper-based Immunodevice for Sensitive Detection of Cancer Biomarker. <i>Analytical Chemistry</i> , 2015, 87, 7951-7957.	3.2	71
6	Recent Advances and Applications in Paper-Based Devices for Point-of-Care Testing. <i>Journal of Analysis and Testing</i> , 2022, 6, 247-273.	2.5	65
7	Nanoparticle coated paper-based chemiluminescence device for the determination of l-cysteine. <i>Talanta</i> , 2014, 120, 336-341.	2.9	49
8	Paper-based laser induced fluorescence immunodevice combining with CdTe embedded silica nanoparticles signal enhancement strategy. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 87-94.	4.0	45
9	Paper-based chemiluminescence immunodevice with temporal controls of reagent transport technique. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 324-332.	4.0	44
10	A paper-based chemiluminescence device for the determination of ofloxacin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1298-1303.	2.0	42
11	Paper-based fluorometric immunodevice with quantum-dot labeled antibodies for simultaneous detection of carcinoembryonic antigen and prostate specific antigen. <i>Mikrochimica Acta</i> , 2019, 186, 112.	2.5	42
12	Paper-based chemiluminescence immunodevice for the carcinoembryonic antigen by employing multi-enzyme carbon nanosphere signal enhancement. <i>Mikrochimica Acta</i> , 2018, 185, 187.	2.5	35
13	Oxygen Vacancy-Dependent Chemiluminescence: A Facile Approach for Quantifying Oxygen Defects in ZnO. <i>Analytical Chemistry</i> , 2022, 94, 8642-8650.	3.2	31
14	Determination of nitrofurans in feeds based on silver nanoparticle-catalyzed chemiluminescence. <i>Journal of Luminescence</i> , 2012, 132, 1048-1054.	1.5	27
15	Highly sensitive homogenous chemiluminescence immunoassay using gold nanoparticles as label. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 243-248.	2.0	22
16	Polydimethylsiloxane microfluidic chemiluminescence immunodevice with the signal amplification strategy for sensitive detection of human immunoglobulin G. <i>Talanta</i> , 2016, 147, 430-436.	2.9	18
17	Paper-based immunosensor with NH ₂ -MIL-53(Fe) as stable and multifunctional signal label for dual-mode detection of prostate specific antigen. <i>Journal of Luminescence</i> , 2021, 230, 117708.	1.5	17
18	Copper-based metal-organic xerogels on paper for chemiluminescence detection of dopamine. <i>Analytical Methods</i> , 2020, 12, 4191-4198.	1.3	16

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19	Fabrication of paper-based microfluidic device by recycling foamed plastic and the application for multiplexed measurement of biomarkers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117341.	2.0	14
20	Target-controlled <i>in situ</i> formation of G-quadruplex DNAzyme for a sensitive visual assay of telomerase activity. <i>Analyst, The</i> , 2019, 144, 5959-5964.	1.7	14
21	Long-Lasting Luminol Chemiluminescence Emission with 1,10-Phenanthroline-2,9-dicarboxylic Acid Copper(II) Complex on Paper. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53787-53797.	4.0	13
22	Rhombic dodecahedral gold nanoparticles: chiral sensing probes for naked-eye recognition of histidine enantiomers. <i>Chemical Communications</i> , 2022, 58, 427-430.	2.2	12
23	An inkjet printing paper-based immunodevice for fluorescence determination of immunoglobulin G. <i>Analytical Methods</i> , 2019, 11, 3452-3459.	1.3	11
24	Sensitive detection of intracellular telomerase activity <i>via</i> double signal amplification and ratiometric fluorescence resonance energy transfer. <i>Analyst, The</i> , 2020, 145, 6992-6999.	1.7	10
25	Effect of amino compounds on luminol-H ₂ O ₂ -gold nanoparticle chemiluminescence system. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8821-8830.	1.9	9
26	Fe(III) bipyridyl or phenanthroline complexes with oxidase-like activity for sensitive colorimetric detection of glutathione. <i>Luminescence</i> , 2020, 35, 1350-1359.	1.5	8
27	Comparative evaluation and design of a G-triplex/thioflavin T-based molecular beacon. <i>Analyst, The</i> , 2021, 146, 2567-2573.	1.7	8
28	Three-dimensional ringoven washing technique for a paper-based immunodevice. <i>Luminescence</i> , 2020, 35, 503-511.	1.5	4
29	Portable and sensitive detection of cancer cells <i>via</i> a handheld luminometer. <i>Analyst, The</i> , 0, , .	1.7	3
30	Visual detection of glucose by hydrogen peroxide test strips. <i>New Journal of Chemistry</i> , 2022, 46, 4162-4166.	1.4	2