

Qin Wei

List of Publications by Year in descending order

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590
papers

26,663
citations

6613

79
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19749

117
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592
all docs

592
docs citations

592
times ranked

19455
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic enhancement effect of polydopamine-polyethyleneimine hybrid films for a visible-light photoelectrochemical biosensing interface. <i>ChemPhysMater</i> , 2023, 2, 69-76.	2.8	1
2	A No-washing Point-of-Care Electrochemical Biosensor Based on CuS Nanoparticles for Rapid and Sensitive Detection of Neuron-specific Enolase. <i>Electroanalysis</i> , 2022, 34, 338-344.	2.9	4
3	Interface engineering of MoS ₂ @Fe(OH) ₃ nanoarray heterostructure: Electrodeposition of MoS ₂ @Fe(OH) ₃ as N ₂ and H ⁺ channels for artificial NH ₃ synthesis under mild conditions. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1374-1379.	9.4	15
4	Electrochemical aptasensor based on gold modified thiol graphene as sensing platform and gold-palladium modified zirconium metal-organic frameworks nanozyme as signal enhancer for ultrasensitive detection of mercury ions. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 510-517.	9.4	86
5	A sandwiched photoelectrochemical biosensing platform for detecting Cytokeratin-19 fragments based on Ag ₂ S-sensitized BiOI/Bi ₂ S ₃ heterostructure amplified by sulfur and nitrogen co-doped carbon quantum dots. <i>Biosensors and Bioelectronics</i> , 2022, 196, 113703.	10.1	19
6	Copper doped terbium metal organic framework as emitter for sensitive electrochemiluminescence detection of CYFRA 21-1. <i>Talanta</i> , 2022, 238, 123047.	5.5	21
7	Bioactivity-protective electrochemiluminescence sensor using CeO ₂ /Co ₄ N heterostructures as highly effective coreaction accelerators for ultrasensitive immunodetection. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131158.	7.8	10
8	Ratiometric Electrochemical Immunosensor Based on L-cysteine Grafted Ferrocene for Detection of Neuron Specific Enolase. <i>Talanta</i> , 2022, 239, 123075.	5.5	12
9	Chromium doping: A new approach to regulate electronic structure of cobalt carbonate hydroxide for oxygen evolution improvement. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 414-422.	9.4	14
10	Self-powered photoelectrochemical aptasensor based on MIL-68(In) derived In ₂ O ₃ hollow nanotubes and Ag doped ZnIn ₂ S ₄ quantum dots for oxytetracycline detection. <i>Talanta</i> , 2022, 240, 123153.	5.5	9
11	Cysteine Modification of Glutathione-Stabilized Au Nanoclusters to Red-Shift and Enhance the Electrochemiluminescence for Sensitive Bioanalysis. <i>Analytical Chemistry</i> , 2022, 94, 2313-2320.	6.5	26
12	Gold Nanoparticle-Attached Perovskite Cs ₃ Bi ₂ Br ₉ QDs/BiOBr Heterostructures for Photoelectrochemical Biosensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 2812-2819.	5.0	13
13	Au modified spindle-shaped cerium phosphate as an efficient co-reaction accelerator to amplify electrochemiluminescence signal of carbon quantum dots for ultrasensitive analysis of aflatoxin B ₁ . <i>Electrochimica Acta</i> , 2022, 407, 139912.	5.2	11
14	Electrocatalytic excitation and Co-reaction acceleration synergistic amplification signal of hydrazide-conjugated carbon dots for an electrochemiluminescence immunoassay. <i>Sensors and Actuators B: Chemical</i> , 2022, 357, 131443.	7.8	6
15	Annihilation luminescent Eu-MOF as a near-infrared electrochemiluminescence probe for trace detection of trenbolone. <i>Chemical Engineering Journal</i> , 2022, 434, 134691.	12.7	38
16	Highly sensitive photoelectrochemical neuron specific enolase analysis based on cerium and silver Co-Doped Sb ₂ WO ₆ . <i>Biosensors and Bioelectronics</i> , 2022, 203, 114047.	10.1	10
17	Dumbbell Plate-Shaped AlEgen-Based Luminescent MOF with High Quantum Yield as Self-Enhanced ECL Tags: Mechanism Insights and Biosensing Application. <i>Small</i> , 2022, 18, e2106567.	10.0	40
18	Ratiometric electrochemical immunoassay for procalcitonin based on dual signal probes: Ag NPs and Nile blue A. <i>Mikrochimica Acta</i> , 2022, 189, 126.	5.0	10

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19	A photoelectrochemical biosensor for detecting Cytokeratin-19 fragments based on CdS/Ni(OH) ₂ core-shell nanosphere composites amplified by CdSe@MoSe ₂ . <i>Sensors and Actuators B: Chemical</i> , 2022, 360, 131643.	7.8	13
20	Interface engineering of Fe ₃ O ₄ @MoS ₂ Nanocomposites: High efficiency electrocatalytic synthesis of NH ₃ under mild conditions. <i>Chemical Engineering Journal</i> , 2022, 437, 135417.	12.7	27
21	Detection of NSE by a photoelectrochemical self-powered immunosensor integrating RGO photocathode and WO ₃ /Mn: CdS nanomaterial photoanode. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114196.	10.1	17
22	Nanoarrays-propped in situ photoelectrochemical system for microRNA detection. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114291.	10.1	16
23	Highly effective visible-photocatalytic hydrogen evolution and simultaneous organic pollutant degradation over an urchin-like oxygen-doped MoS ₂ /ZnIn ₂ S ₄ composite. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	12
24	Hollow Double-Shell CuCo ₂ O ₄ @Cu ₂ O Heterostructures as a Highly Efficient Coreaction Accelerator for Amplifying NIR Electrochemiluminescence of Gold Nanoclusters in Immunoassay. <i>Analytical Chemistry</i> , 2022, 94, 7132-7139.	6.5	22
25	Self-powered photoelectrochemical biosensor with inherent potential for charge carriers drive. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114361.	10.1	14
26	Construction of a photoelectrochemical immunosensor based on CuInS ₂ photocathode and BiVO ₄ /BiOI/Ag ₂ S photoanode and sensitive detection of NSE. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114368.	10.1	13
27	Design of MOF-Derived NiO-Carbon Nanohybrids Photocathodes Sensitized with Quantum Dots for Solar Hydrogen Production. <i>Small</i> , 2022, 18, e2201815.	10.0	4
28	Addressable Label-Free Photoelectric Sensor Array with Self-Calibration for Detection of Neuron Specific Enolase. <i>Analytical Chemistry</i> , 2022, 94, 6996-7003.	6.5	13
29	Eu(II)-MOF as NIR probe for highly efficient instantaneous anodic electroluminescence realized environmental pollutant trace monitoring. <i>Chemical Engineering Journal</i> , 2022, 446, 136912.	12.7	11
30	Cobalt ion doping to improve electrochemiluminescence emission of gold nanoclusters for sensitive NIR biosensing. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132034.	7.8	6
31	CuO Nanozymes as Multifunctional Signal Labels for Efficiently Quenching the Photocurrent of ZnO/Au/AgSbS ₂ Hybrids and Initiating a Strong Fluorescent Signal in a Dual-Mode Microfluidic Sensing Platform. <i>ACS Sensors</i> , 2022, 7, 1732-1739.	7.8	25
32	Designing Triangular Silver Nanoplates with GSH/GSSG Surface Mixed States as Novel Nanoparticle-based Redox Mediators for Electrochemical Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26271-26278.	8.0	10
33	Self-powered Aptasensors Made with the In ₂ O ₃ @In ₂ S ₃ @Ti ₃ C ₂ Composite for Dual-mode Detection of Microcystin-LR. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 25308-25316.	8.0	21
34	Photoelectrochemical immunosensor for the sensitive detection of neuron-specific enolase based on the effect of Z-scheme WO ₃ /NiCo ₂ O ₄ nanoarrays p-n heterojunction. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114452.	10.1	13
35	A hierarchical CoMoO ₄ @CoFe-LDH heterostructure as a highly effective catalyst to boost electrocatalytic water oxidation. <i>Dalton Transactions</i> , 2022, 51, 10552-10557.	3.3	14
36	Self-supported and defect-rich CoP nanowire arrays with abundant catalytic sites as a highly efficient bifunctional electrocatalyst for water splitting. <i>New Journal of Chemistry</i> , 2022, 46, 13117-13121.	2.8	1

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37	Efficient ABEIâ€“Dissolved O ₂ â€“Ce(III, IV)-MOF Ternary Electrochemiluminescent System Combined with Self-Assembled Microfluidic Chips for Bioanalysis. <i>Analytical Chemistry</i> , 2022, 94, 9363-9371.	6.5	11
38	High-Efficiency CdSe Quantum Dots/Fe ₃ O ₄ @MoS ₂ /S ₂ O ₈ ²⁻ Electrochemiluminescence System Based on a Microfluidic Analysis Platform for the Sensitive Detection of Neuron-Specific Enolase. <i>Analytical Chemistry</i> , 2022, 94, 9176-9183.	6.5	12
39	Dual Direct Z-Scheme Heterojunction with Growing Photoactive Property for Sensitive Photoelectrochemical and Colorimetric Bioanalysis. <i>Analytical Chemistry</i> , 2022, 94, 9888-9893.	6.5	11
40	Progress and Prospects of Electrochemiluminescence Biosensors Based on Porous Nanomaterials. <i>Biosensors</i> , 2022, 12, 508.	4.7	10
41	Structural basis and molecular mechanism of biased GPBAR signaling in regulating NSCLC cell growth via YAP activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
42	Enhancing Electrochemiluminescence Efficiency through Introducing Atomically Dispersed Ruthenium in Nickel-Based Metalâ€“Organic Frameworks. <i>Analytical Chemistry</i> , 2022, 94, 10557-10566.	6.5	24
43	Achieving Z-scheme charge transfer through constructing Bi ₄ Ti ₃ O ₁₂ /Pd@Au/Ag ₂ S heterostructure for photoelectrochemical aptasensor of Hg ²⁺ detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132385.	7.8	11
44	â€œGreenâ€“, gradient multi-shell CuInSe ₂ /(CuInSexS _{1-x}) ₅ /CuInS ₂ quantum dots for photo-electrochemical hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119402.	20.2	46
45	Ratiometric electrochemical immunosensor for the detection of procalcitonin based on the ratios of SiO ₂ -Fcâ€“COOHâ€“Au and UiO-66-TB complexes. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112713.	10.1	60
46	Dual Intramolecular Electron Transfer for In Situ Coreactantâ€“Embedded Electrochemiluminescence Microimaging of Membrane Protein. <i>Angewandte Chemie</i> , 2021, 133, 199-203.	2.0	8
47	Electrochemiluminescence detection for β -amyloid ₁₋₄₂ oligomers using silver nanoparticle decorated CuS@CoS ₂ double shelled nanoboxes as dual-quencher. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129155.	7.8	13
48	Electrochemiluminescence immunosensor based on the quenching effect of CuO@GO on m-CNNS for cTnl detection. <i>Analytical Biochemistry</i> , 2021, 612, 114012.	2.4	12
49	Preparation of PbS NPs/RGO/NiO nanosheet arrays heterostructure: Function-switchable self-powered photoelectrochemical biosensor for H ₂ O ₂ and glucose monitoring. <i>Biosensors and Bioelectronics</i> , 2021, 173, 112803.	10.1	34
50	Defect-rich ZnS nanoparticles supported on reduced graphene oxide for high-efficiency ambient N ₂ -to-NH ₃ conversion. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119746.	20.2	46
51	Polyacrylic acid/polyethylene glycol hybrid antifouling interface for photoelectrochemical immunosensing of MDA-MB-231 cells using BiOBr/FeTPPCL/BiOI co-sensitized composite as matrix. <i>Sensors and Actuators B: Chemical</i> , 2021, 328, 129081.	7.8	10
52	A microfluidic cathodic photoelectrochemical biosensor chip for the targeted detection of cytokeratin 19 fragments 21-1. <i>Lab on A Chip</i> , 2021, 21, 378-384.	6.0	29
53	A sensitive biosensor of CdS sensitized BiVO ₄ /GaON composite for the photoelectrochemical immunoassay of procalcitonin. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129244.	7.8	13
54	Electrochemiluminescence immunosensor based on ferrocene functionalized ZIF-8 quenching the electrochemiluminescence of Ru(bpy) ₃ ²⁺ -doped silica nanoparticles embodied N-butyl diethanolamine. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129101.	7.8	14

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55	Dual Intramolecular Electron Transfer for In Situ Coreactant-Embedded Electrochemiluminescence Microimaging of Membrane Protein. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 197-201.	13.8	121
56	Vanadium-doped NiS ₂ porous nanospheres with high selectivity and stability for the electroreduction of nitrogen to ammonia. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3266-3272.	6.0	10
57	High-performance ammonia fixation electrocatalyzed by ReS ₂ nanosheet array. <i>New Journal of Chemistry</i> , 2021, 45, 11457-11460.	2.8	2
58	A novel molecularly imprinted electrochemiluminescence sensor based on cobalt nitride nanoarray electrode for the sensitive detection of bisphenol S. <i>RSC Advances</i> , 2021, 11, 11011-11019.	3.6	7
59	A dual-mode label-free electrochemical immunosensor for ultrasensitive detection of procalcitonin based on g-C ₃ N ₄ -NiCo ₂ S ₄ -CNTs-Ag NPs. <i>Analyst</i> , The, 2021, 146, 3169-3176.	3.5	13
60	Dual-Signaling Electrochemical Ratiometric Method for Competitive Immunoassay of CYFRA21-1 Based on Urchin-like Fe ₃ O ₄ @PDA-Ag and Ni ₃ Si ₂ O ₅ (OH) ₄ -Au Absorbed Methylene Blue Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5795-5802.	8.0	31
61	Liposome encapsulated electron donor strategy for signal-on CYFRA 21-1 photoelectrochemical analysis. <i>Mikrochimica Acta</i> , 2021, 188, 75.	5.0	6
62	Molecular imprinted photoelectrochemical sensor for bisphenol A supported by flower-like AgBiS ₂ /In ₂ S ₃ matrix. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129387.	7.8	15
63	Near-Infrared Electrochemiluminescence of Dual-Stabilizer-Capped Au Nanoclusters for Immunoassays. <i>ACS Applied Nano Materials</i> , 2021, 4, 2657-2663.	5.0	26
64	Coupling of nitrifying granular sludge into microbial fuel cell system for wastewater treatment: System performance, electricity production and microbial community shift. <i>Bioresource Technology</i> , 2021, 326, 124741.	9.6	17
65	Self-Powered Cathodic Photoelectrochemical Aptasensor Comprising a Photocathode and a Photoanode in Microfluidic Analysis Systems. <i>Analytical Chemistry</i> , 2021, 93, 7125-7132.	6.5	44
66	Ni foam supported photocathode platform for DNA detection based on antifouling interface. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129593.	7.8	6
67	Dual-Mode Sensing Platform Guided by Intramolecular Electrochemiluminescence of a Ruthenium Complex and Cationic <i>N,N</i> -Bis(2-(trimethylammonium iodide)propylene) Perylene-3,4,9,10-tetracarboxydiimide for Estradiol Assay. <i>Analytical Chemistry</i> , 2021, 93, 6088-6093.	6.5	27
68	Label-Free Antifouling Photoelectrochemical Sensing Strategy for Detecting Breast Tumor Cells Based on Ligand-Receptor Interactions. <i>ACS Applied Bio Materials</i> , 2021, 4, 4479-4485.	4.6	9
69	A duple nanozyme stimulating tandem catalysis assisted multiple signal inhibition strategy for photoelectrochemical bioanalysis. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129608.	7.8	15
70	Electrochemiluminescence resonance energy transfer system fabricated by quantum state complexes for cardiac troponin I detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129733.	7.8	13
71	Direct growth of nickel-doped cobalt phosphide nanowire cluster on carbon cloth for efficient hydrogen evolution reaction. <i>Electrochemistry Communications</i> , 2021, 127, 107051.	4.7	11
72	Sphere-on-Tube Biomimetic Hierarchical Nanostructures Coupled with Engineered Surfaces for Enhanced Photoelectrochemical Biosensing of Cancer Cells Expressing Folate Receptors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100421.	3.7	7

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73	Rare Self-Luminous Mixed-Valence Eu-MOF with a Self-Enhanced Characteristic as a Near-Infrared Fluorescent ECL Probe for Nondestructive Immunodetection. <i>Analytical Chemistry</i> , 2021, 93, 8613-8621.	6.5	50
74	Split-Type Electrochemical Immunoassay System Triggering Ascorbic Acid-Mediated Signal Magnification Based on a Controlled-Release Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29179-29186.	8.0	8
75	Modulating the OD/2D Interface of Hybrid Semiconductors for Enhanced Photoelectrochemical Performances. <i>Small Methods</i> , 2021, 5, e2100109.	8.6	14
76	Rationally engineered high-performance BiVO ₄ /Ag ₃ VO ₄ /SnS ₂ photoelectrodes for ultrasensitive immunosensing of CYFRA21-1 based on HRP-tyramine-triggered insoluble precipitates. <i>Mikrochimica Acta</i> , 2021, 188, 270.	5.0	5
77	In situ evolution of surface Co ₂ CrO ₄ to CoOOH/CrOOH by electrochemical method: Toward boosting electrocatalytic water oxidation. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1096-1101.	14.0	19
78	MoSe ₂ /CdSe Heterojunction Destruction by Cation Exchange for Photoelectrochemical Immunoassays with a Controlled-Release Strategy. <i>Analytical Chemistry</i> , 2021, 93, 10712-10718.	6.5	22
79	Peptide-Based Biosensor with a Luminescent Copper-Based Metal-Organic Framework as an Electrochemiluminescence Emitter for Trypsin Assay. <i>Analytical Chemistry</i> , 2021, 93, 9704-9710.	6.5	27
80	Facile Encapsulation of Iridium(III) Complexes in Apoferritin Nanocages as Promising Electrochemiluminescence Nanodots for Immunoassays. <i>Analytical Chemistry</i> , 2021, 93, 11329-11336.	6.5	14
81	A photoelectrochemical self-powered sensor for the detection of sarcosine based on NiO NSs/PbS/Au NPs as photocathodic material. <i>Journal of Hazardous Materials</i> , 2021, 416, 126201.	12.4	22
82	[Ru(bpy) ₃] ²⁺ @Ce-Uio-66/Mn:Bi ₂ S ₃ Heterojunction and Its Exceptional Photoelectrochemical Aptasensing Properties for Ofloxacin Detection. <i>ACS Applied Bio Materials</i> , 2021, 4, 7186-7194.	4.6	13
83	Cation Decorated Ferric Oxide with a Polyhedral-like Structure for the Electrocatalytic Nitrogen Reduction Reaction. <i>ChemCatChem</i> , 2021, 13, 4990-4997.	3.7	1
84	Interface Engineering of CoS ₂ @CeO ₂ /Ti Nanocatalyst for Artificial N ₂ Fixation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13399-13405.	6.7	12
85	A dual signal-amplified electrochemiluminescence immunosensor based on core-shell CeO ₂ -Au@Pt nanosphere for procalcitonin detection. <i>Mikrochimica Acta</i> , 2021, 188, 344.	5.0	10
86	Microfluidic Ratiometric Photoelectrochemical Biosensor Using a Magnetic Field on a Photochromic Composite Platform: A Proof-of-Concept Study for Magnetic-Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2021, 93, 13680-13686.	6.5	14
87	Peptide-Based Electrochemiluminescence Biosensors Using Silver Nanoclusters as Signal Probes and Pd-Cu ₂ O Hybrid Nanoconcaves as Coreactant Promoters for Immunoassays. <i>Analytical Chemistry</i> , 2021, 93, 13045-13053.	6.5	23
88	Hollow performances quenching label of Au NPs@CoSnO ₃ nanoboxes-based sandwich photoelectrochemical immunosensor for sensitive CYFRA 21-1 detection. <i>Talanta</i> , 2021, 233, 122552.	5.5	9
89	Dual-signal electrochemiluminescence immunosensor for Neuron-specific enolase detection based on a dual-potential-emitter Ru(bpy) ₃ ²⁺ functionalized zinc-based metal-organic frameworks. <i>Biosensors and Bioelectronics</i> , 2021, 192, 113505.	10.1	37
90	A dual-signal amplification photoelectrochemical immunosensor for ultrasensitive detection of CYFRA 21-1 based on the synergistic effect of SnS ₂ /SnS/Bi ₂ S ₃ and ZnCdS@NPC-ZnO. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130456.	7.8	18

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91	Highly selective electrochemiluminescence aptasensor coupled with mesoporous Fe ₃ O ₄ @Cu@Cu ₂ O as co-reaction accelerator for ATP assay based on target-triggered emitter release. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130581.	7.8	15
92	Ultrasensitive near-infrared electrochemiluminescence biosensor derived from Eu-MOF with antenna effect and high efficiency catalysis of specific CoS ₂ hollow triple shelled nanoboxes for procalcitonin. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113409.	10.1	58
93	Photoelectrochemical aptasensor based on La ₂ Ti ₂ O ₇ /Sb ₂ S ₃ and V ₂ O ₅ for effectively signal change strategy for cancer marker detection. <i>Biosensors and Bioelectronics</i> , 2021, 192, 113528.	10.1	14
94	Dual-quenching electrochemiluminescence resonance energy transfer system from IRMOF-3 coreaction accelerator enriched nitrogen-doped GQDs to ZnO@Au for sensitive detection of procalcitonin. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130495.	7.8	10
95	No-wash point-of-care biosensing assay for rapid and sensitive detection of aflatoxin B ₁ . <i>Talanta</i> , 2021, 235, 122772.	5.5	8
96	Competitive electrochemiluminescence aptasensor based on the Ru(II) derivative utilizing intramolecular ECL emission for E ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130717.	7.8	11
97	Rational design of bimetallic Rh _{0.6} Ru _{0.4} nanoalloys for enhanced nitrogen reduction electrocatalysis under mild conditions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 259-263.	10.3	25
98	Aggregation-Induced Electrochemiluminescence Bioconjugates of Apoferritin-Encapsulated Iridium(III) Complexes for Biosensing Application. <i>Analytical Chemistry</i> , 2021, 93, 1553-1560.	6.5	54
99	Self-Luminescent Lanthanide Metal-Organic Frameworks as Signal Probes in Electrochemiluminescence Immunoassay. <i>Journal of the American Chemical Society</i> , 2021, 143, 504-512.	13.7	195
100	Electrocatalytic N ₂ Reduction on FeS ₂ Nanoparticles Embedded in Graphene Oxide in Acid and Neutral Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50027-50036.	8.0	11
101	Ultrasensitive Double-Channel Microfluidic Biosensor-Based Cathodic Photo-electrochemical Analysis via Signal Amplification of SOD-Au@PANI for Cardiac Troponin I Detection. <i>Analytical Chemistry</i> , 2021, 93, 14196-14203.	6.5	13
102	MoS ₂ -Based Catalysts for N ₂ Electroreduction to NH ₃ : An Overview of MoS ₂ Optimization Strategies. <i>ChemistryOpen</i> , 2021, 10, 1041-1054.	1.9	10
103	Sandwich-type photoelectrochemical immunosensor for procalcitonin detection based on Mn ²⁺ -doped CdS sensitized Bi ₂ WO ₆ and signal amplification of NaYF ₄ :Yb, Tm upconversion nanomaterial. <i>Analytica Chimica Acta</i> , 2021, 1188, 339190.	5.4	9
104	Ultrasensitive Photochemical Immunosensor Based on Flowerlike SnO ₂ /BiOI/Ag ₂ S Composites for Detection of Procalcitonin. <i>Biosensors</i> , 2021, 11, 421.	4.7	7
105	PEGylation Improved Electrochemiluminescence Supramolecular Assembly of Iridium(III) Complexes in Apoferritin for Immunoassays Using 2D/2D MXene/TiO ₂ Hybrids as Signal Amplifiers. <i>Analytical Chemistry</i> , 2021, 93, 16906-16914.	6.5	23
106	Electrochemiluminescence immunosensor of signal-off for Î ² -amyloid detection based on dual metal-organic frameworks. <i>Talanta</i> , 2020, 208, 120376.	5.5	27
107	Electrochemiluminescence behaviour of silver/silver orthophosphate/graphene oxide quenched by Pd@Au core-shell nanoflowers for ultrasensitive detection of insulin. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111767.	10.1	19
108	Fe-doped Ni ₂ P nanosheets with porous structure for electroreduction of nitrogen to ammonia under ambient conditions. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118296.	20.2	120

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109	GO/PEDOT:NaPSS modified cathode as heterogeneous electro-Fenton pretreatment and subsequently aerobic granular sludge biological degradation for dye wastewater treatment. <i>Science of the Total Environment</i> , 2020, 700, 134536.	8.0	24
110	Bifunctional Pd-decorated polysulfide nanoparticle of Co ₉ S ₈ supported on graphene oxide: A new and efficient label-free immunosensor for amyloid β -protein detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127413.	7.8	18
111	Photoelectrochemical competitive immunosensor for 17 β -estradiol detection based on ZnIn ₂ S ₄ @NH ₂ -MIL-125(Ti) amplified by PDA NS/Mn:ZnCdS. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111739.	10.1	39
112	Phase-junction design of MOF-derived TiO ₂ photoanodes sensitized with quantum dots for efficient hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118317.	20.2	63
113	Co-Doped FeS ₂ with a porous structure for efficient electrocatalytic overall water splitting. <i>New Journal of Chemistry</i> , 2020, 44, 1711-1718.	2.8	28
114	A photoelectrochemical aptasensor for the detection of 17 β -estradiol based on In ₂ S ₃ and CdS co-sensitized cerium doped TiO ₂ . <i>New Journal of Chemistry</i> , 2020, 44, 346-353.	2.8	4
115	Ultrasensitive photoelectrochemical immunosensor for procalcitonin detection with porous nanoarray BiVO ₄ /Cu _x S platform as advanced signal amplification under anodic bias. <i>Sensors and Actuators B: Chemical</i> , 2020, 308, 127685.	7.8	19
116	A procalcitonin photoelectrochemical immunosensor: NCQDs and Sb ₂ S ₃ co-sensitized hydrangea-shaped WO ₃ as a matrix through a layer-by-layer assembly. <i>New Journal of Chemistry</i> , 2020, 44, 2452-2458.	2.8	10
117	A photoelectrochemical immunosensor based on CdS/CdTe-cosensitized SnO ₂ as a platform for the ultrasensitive detection of amyloid β -protein. <i>Analyst</i> , 2020, 145, 619-625.	3.5	19
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347	Achievement, performance and characteristics of microbial products in a partial nitrification sequencing batch reactor as a pretreatment for anaerobic ammonium oxidation. <i>Chemosphere</i> , 2017, 183, 212-218.	8.2	39
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355	Magnetic chitosan/anaerobic granular sludge composite: Synthesis, characterization and application in heavy metal ions removal. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 405-414.	9.4	83
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360	Sulfur Incorporated CoFe ₂ O ₄ /Multiwalled Carbon Nanotubes toward Enhanced Oxygen Evolution Reaction. <i>Electrochimica Acta</i> , 2017, 247, 843-850.	5.2	36

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447	Mechanism of Pb(II) and methylene blue adsorption onto magnetic carbonate hydroxyapatite/graphene oxide. <i>RSC Advances</i> , 2015, 5, 9759-9770.	3.6	98
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471	3D sandwich-type prostate specific antigen (PSA) immunosensor based on rGO@MWCNT@Pd nanocomposite. <i>New Journal of Chemistry</i> , 2015, 39, 5522-5528.	2.8	26
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506	Label-free photoelectrochemical immunosensor for sensitive detection of Ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2015, 64, 13-18.	10.1	73
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510	Nonenzymatic immunosensor for detection of carbohydrate antigen 15-3 based on hierarchical nanoporous PtFe alloy. <i>Biosensors and Bioelectronics</i> , 2014, 56, 295-299.	10.1	41
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517	Ultrasensitive nonenzymatic immunosensor based on bimetallic gold-silver nanoclusters synthesized by simple mortar grinding route. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 64-70.	7.8	38
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537	Enhanced electrochemiluminescence from luminol at carboxyl graphene for detection of α -fetoprotein. <i>Analytical Biochemistry</i> , 2014, 457, 59-64.	2.4	26
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