

# Kun Wang

## 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.

255  
papers

7,544  
citations

50  
h-index

72  
g-index

270  
ext. papers

9,152  
ext. citations

6.9  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
255	Enhanced non-enzymatic glucose sensing based on copper nanoparticles decorated nitrogen-doped graphene. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 273-8	11.8	192
254	Enhanced direct electrochemistry of glucose oxidase and biosensing for glucose via synergy effect of graphene and CdS nanocrystals. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 2252-7	11.8	189
253	Energy big data: A survey. <i>IEEE Access</i> , <b>2016</b> , 4, 3844-3861	3.5	183
252	Synthesis and characterization of CeO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composites with enhanced visible-light photocatalytic activity. <i>RSC Advances</i> , <b>2013</b> , 3, 22269	3.7	136
251	Visible light photoelectrochemical sensor for ultrasensitive determination of dopamine based on synergistic effect of graphene quantum dots and TiO <sub>2</sub> nanoparticles. <i>Analytica Chimica Acta</i> , <b>2015</b> , 853, 258-264	6.6	122
250	Colorimetric aptasensing of ochratoxin A using Au@Fe <sub>3</sub> O <sub>4</sub> nanoparticles as signal indicator and magnetic separator. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 1183-91	11.8	122
249	A Mitochondria-Specific Fluorescent Probe for Visualizing Endogenous Hydrogen Cyanide Fluctuations in Neurons. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 1870-1875	16.4	114
248	Graphene enhanced electrochemiluminescence of CdS nanocrystal for H <sub>2</sub> O <sub>2</sub> sensing. <i>Talanta</i> , <b>2010</b> , 82, 372-6	6.2	109
247	Amplified impedimetric aptasensor based on gold nanoparticles covalently bound graphene sheet for the picomolar detection of ochratoxin A. <i>Analytica Chimica Acta</i> , <b>2014</b> , 806, 128-35	6.6	108
246	Label-free impedimetric aptasensor for detection of femtomole level acetamiprid using gold nanoparticles decorated multiwalled carbon nanotube-reduced graphene oxide nanoribbon composites. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 122-9	11.8	107
245	A highly sensitive and rapid organophosphate biosensor based on enhancement of CdS-decorated graphene nanocomposite. <i>Analytica Chimica Acta</i> , <b>2011</b> , 695, 84-8	6.6	105
244	A facile label-free colorimetric aptasensor for acetamiprid based on the peroxidase-like activity of hemin-functionalized reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 39-46	11.8	103
243	Multiple signal-amplification via Ag and TiO decorated 3D nitrogen doped graphene hydrogel for fabricating sensitive label-free photoelectrochemical thrombin aptasensor. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 101, 14-20	11.8	100
242	Solvent-Free Chemical Approach to Synthesize Various Morphological CoO for CO Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 16128-16137	9.5	97
241	One-step thermal-treatment route to fabricate well-dispersed ZnO nanocrystals on nitrogen-doped graphene for enhanced electrochemiluminescence and ultrasensitive detection of pentachlorophenol. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 3093-100	9.5	95
240	Boosting the Visible-Light Photoactivity of BiOCl/BiVO/N-GQD Ternary Heterojunctions Based on Internal Z-Scheme Charge Transfer of N-GQDs: Simultaneous Band Gap Narrowing and Carrier Lifetime Prolonging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38832-38841	9.5	92
239	Atmospheric pressure synthesis of nitrogen doped graphene quantum dots for fabrication of BiOBr nanohybrids with enhanced visible-light photoactivity and photostability. <i>Carbon</i> , <b>2016</b> , 96, 1157-1165	10.4	85

238	Magneto-controlled aptasensor for simultaneous electrochemical detection of dual mycotoxins in maize using metal sulfide quantum dots coated silica as labels. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 802-809	11.8	85
237	Magnetic-fluorescent-targeting multifunctional aptasensor for highly sensitive and one-step rapid detection of ochratoxin A. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 783-790	11.8	83
236	Autocrine Complement Inhibits IL10-Dependent T-cell-Mediated Antitumor Immunity to Promote Tumor Progression. <i>Cancer Discovery</i> , <b>2016</b> , 6, 1022-35	24.4	82
235	AgBr nanoparticles/3D nitrogen-doped graphene hydrogel for fabricating all-solid-state luminol-electrochemiluminescence Escherichia coli aptasensors. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 97, 377-383	11.8	81
234	TiO <sub>2</sub> -decorated graphene nanohybrids for fabricating an amperometric acetylcholinesterase biosensor. <i>Analyst, The</i> , <b>2011</b> , 136, 3349-54	5	81
233	Nitrogen-Doped Graphene Quantum Dots@SiO <sub>2</sub> Nanoparticles as Electrochemiluminescence and Fluorescence Signal Indicators for Magnetically Controlled Aptasensor with Dual Detection Channels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 26865-73	9.5	80
232	Engineering of Heterojunction-Mediated Biointerface for Photoelectrochemical Aptasensing: Case of Direct Z-Scheme CdTe-BiS Heterojunction with Improved Visible-Light-Driven Photoelectrical Conversion Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18369-18376	9.5	79
231	Mechanical properties and solubility in water of corn starch-collagen composite films: Effect of starch type and concentrations. <i>Food Chemistry</i> , <b>2017</b> , 216, 209-16	8.5	79
230	Label-free colorimetric aptasensor for sensitive detection of ochratoxin A utilizing hybridization chain reaction. <i>Analytica Chimica Acta</i> , <b>2015</b> , 860, 83-8	6.6	74
229	Design of a Dual Channel Self-Reference Photoelectrochemical Biosensor. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10133-10136	7.8	73
228	Facile wet chemical method for fabricating p-type BiOBr/n-type nitrogen doped graphene composites: Efficient visible-excited charge separation, and high-performance photoelectrochemical sensing. <i>Carbon</i> , <b>2016</b> , 102, 10-17	10.4	71
227	Onsite naked eye determination of cysteine and homocysteine using quencher displacement-induced fluorescence recovery of the dual-emission hybrid probes with desired intensity ratio. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 83-90	11.8	69
226	Gold nanorods plasmon-enhanced photoelectrochemical aptasensing based on hematite/N-doped graphene films for ultrasensitive analysis of 17 $\beta$ -estradiol. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 91, 706-713	11.8	68
225	New Insights toward Efficient Charge-Separation Mechanism for High-Performance Photoelectrochemical Aptasensing: Enhanced Charge-Carrier Lifetime via Coupling Ultrathin MoS <sub>2</sub> Nanoplates with Nitrogen-Doped Graphene Quantum Dots. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 4525-4531	7.8	68
224	Fabricating photoelectrochemical aptasensor for selectively monitoring microcystin-LR residues in fish based on visible light-responsive BiOBr nanoflakes/N-doped graphene photoelectrode. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 242-248	11.8	66
223	Silver nanoparticles anchored on nitrogen-doped graphene as a novel electrochemical biosensing platform with enhanced sensitivity for aptamer-based pesticide assay. <i>Analyst, The</i> , <b>2015</b> , 140, 6404-11	5	65
222	Facile one-pot synthesis of visible light-responsive BiPO <sub>4</sub> /nitrogen doped graphene hydrogel for fabricating label-free photoelectrochemical tetracycline aptasensor. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 111, 131-137	11.8	65
221	Ultrasensitive photoelectrochemical sensing of nicotinamide adenine dinucleotide based on graphene-TiO <sub>2</sub> nanohybrids under visible irradiation. <i>Analytica Chimica Acta</i> , <b>2012</b> , 745, 131-6	6.6	65

220	A sensitive Potentiometric resolved ratiometric Photoelectrochemical aptasensor for Escherichia coli detection fabricated with non-metallic nanomaterials. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 106, 57-63	11.8	64
219	One-pot synthesis of BiPO <sub>4</sub> functionalized reduced graphene oxide with enhanced photoelectrochemical performance for selective and sensitive detection of chlorpyrifos. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 13671-13678	13	64
218	Perovskite-type BiFeO <sub>3</sub> /ultrathin graphite-like carbon nitride nanosheets p-n heterojunction: Boosted visible-light-driven photoelectrochemical activity for fabricating ampicillin aptasensor. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 124-125, 33-39	11.8	62
217	Fabrication of magnetically assembled aptasensing device for label-free determination of aflatoxin B <sub>1</sub> based on EIS. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 108, 69-75	11.8	61
216	Ultrasensitive electrochemical aptasensor for ochratoxin A based on two-level cascaded signal amplification strategy. <i>Bioelectrochemistry</i> , <b>2014</b> , 96, 7-13	5.6	61
215	Performance of high amylose starch-composited gelatin films influenced by gelatinization and concentration. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 94, 258-265	7.9	61
214	Electrochemical Biosensor Based on Tetrahedral DNA Nanostructures and G-Quadruplex-Hemin Conformation for the Ultrasensitive Detection of MicroRNA-21 in Serum. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7353-7359	7.8	60
213	Boron and nitrogen co-doped graphene aerogels: Facile preparation, tunable doping contents and bifunctional oxygen electrocatalysis. <i>Carbon</i> , <b>2018</b> , 137, 458-466	10.4	59
212	Fe <sub>2</sub> O <sub>3</sub> cubes with high visible-light-activated photoelectrochemical activity towards glucose: hydrothermal synthesis assisted by a hydrophobic ionic liquid. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 2244-53	4.8	58
211	Magnetically controlled fluorescence aptasensor for simultaneous determination of ochratoxin A and aflatoxin B <sub>1</sub> . <i>Analytica Chimica Acta</i> , <b>2018</b> , 1019, 119-127	6.6	55
210	Highly sensitive and simultaneous electrochemical determination of 2-aminophenol and 4-aminophenol based on poly(L-arginine)- $\beta$ -cyclodextrin/carbon nanotubes@graphene nanoribbons modified electrode. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 353-8	11.8	54
209	Photoelectrochemical aptasensor based on CdTe quantum dots-single walled carbon nanohorns for the sensitive detection of streptomycin. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 564-571	8.5	53
208	Bi-color FRET from two nano-donors to a single nano-acceptor: A universal aptasensing platform for simultaneous determination of dual targets. <i>Chemical Engineering Journal</i> , <b>2020</b> , 401, 126017	14.7	53
207	Recent development of electrochemiluminescence sensors for food analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 7035-48	4.4	52
206	Resonance energy transfer from CdTe quantum dots to gold nanorods using MWCNTs/rGO nanoribbons as efficient signal amplifier for fabricating visible-light-driven "on-off-on" photoelectrochemical acetamiprid aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 647-654	8.5	50
205	A potentiometric resolved ratiometric photoelectrochemical aptasensor. <i>Chemical Communications</i> , <b>2017</b> , 53, 5810-5813	5.8	49
204	Preparation and Characterization of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles by Solid-Phase Method and Its Hydrogen Peroxide Sensing Properties. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 1069-1077	8.3	48
203	Fabrication of graphene oxide decorated with nitrogen-doped graphene quantum dots and its enhanced electrochemiluminescence for ultrasensitive detection of pentachlorophenol. <i>Analyst</i> , <b>2015</b> , 140, 1253-9	5	46

202	Magnetically Separable Fe <sub>3</sub> O <sub>4</sub> Nanoparticles-Decorated Reduced Graphene Oxide Nanocomposite for Catalytic Wet Hydrogen Peroxide Oxidation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2013</b> , 23, 907-916	3.2	45
201	Engineering efficient charge transfer based on ultrathin graphite-like carbon nitride/WO <sub>3</sub> semiconductor nanoheterostructures for fabrication of high-performances non-enzymatic photoelectrochemical glucose sensor. <i>Electrochimica Acta</i> , <b>2016</b> , 215, 305-312	6.7	44
200	Graphitic Carbon Nitride Nanorods for Photoelectrochemical Sensing of Trace Copper(II) Ions. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3665-3673	2.3	44
199	Building a Three-Dimensional Nano-Bio Interface for Aptasensing: An Analytical Methodology Based on Steric Hindrance Initiated Signal Amplification Effect. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 9622-9629	7.8	44
198	Three-dimensional nitrogen-doped graphene porous hydrogel fabricated biosensing platform with enhanced photoelectrochemical performance. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 250, 476-483	8.5	43
197	One-pot hydrothermal route to fabricate nitrogen doped graphene/Ag-TiO <sub>2</sub> : Efficient charge separation, and high-performance "on-off-on" switch system based photoelectrochemical biosensing. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 83, 149-55	11.8	43
196	Design and construction of Z-scheme BiS/nitrogen-doped graphene quantum dots: Boosted photoelectric conversion efficiency for high-performance photoelectrochemical aptasensing of sulfadimethoxine. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 130, 230-235	11.8	42
195	A FRET-based ratiometric fluorescent aptasensor for rapid and onsite visual detection of ochratoxin A. <i>Analyst, The</i> , <b>2015</b> , 140, 7434-42	5	41
194	Recent developments of photoelectrochemical biosensors for food analysis. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 7283-7300	7.3	41
193	Preparation of graphene quantum dots based core-satellite hybrid spheres and their use as the ratiometric fluorescence probe for visual determination of mercury(II) ions. <i>Analytica Chimica Acta</i> , <b>2015</b> , 888, 173-81	6.6	40
192	Sensitive electrochemical sensing for polycyclic aromatic amines based on a novel core-shell multiwalled carbon nanotubes@ graphene oxide nanoribbons heterostructure. <i>Analytica Chimica Acta</i> , <b>2014</b> , 845, 30-7	6.6	40
191	MoS <sub>2</sub> /nitrogen doped graphene hydrogels p-n heterojunction: Efficient charge transfer property for highly sensitive and selective photoelectrochemical analysis of chloramphenicol. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 126, 463-469	11.8	40
190	Fluorescent "on-off-on" switching sensor based on CdTe quantum dots coupled with multiwalled carbon nanotubes@graphene oxide nanoribbons for simultaneous monitoring of dual foreign DNAs in transgenic soybean. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 26-32	11.8	39
189	A highly sensitive signal-amplified gold nanoparticle-based electrochemical immunosensor for dibutyl phthalate detection. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 91, 199-202	11.8	38
188	An ultrasensitive electrochemical biosensor for detection of microRNA-21 based on redox reaction of ascorbic acid/iodine and duplex-specific nuclease assisted target recycling. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 130, 81-87	11.8	38
187	A pH-Resolved Colorimetric Biosensor for Simultaneous Multiple Target Detection. <i>ACS Sensors</i> , <b>2018</b> , 3, 2159-2165	9.2	38
186	CeO nanocrystallines ensemble-on-nitrogen-doped graphene nanocomposites: one-pot, rapid synthesis and excellent electrocatalytic activity for enzymatic biosensing. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 681-688	11.8	37
185	Amplified solid-state electrochemiluminescence detection of cholesterol in near-infrared range based on CdTe quantum dots decorated multiwalled carbon nanotubes@reduced graphene oxide nanoribbons. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 73, 221-227	11.8	37

184	Visible-light photocatalytic efficiencies and anti-photocorrosion behavior of CdS/graphene nanocomposites: Evaluation using methylene blue degradation. <i>Chinese Journal of Catalysis</i> , <b>2013</b> , 34, 1876-1882	11.3	37
183	Photocatalytic degradation of methylene blue on magnetically separable FePc/Fe <sub>3</sub> O <sub>4</sub> nanocomposite under visible irradiation. <i>Pure and Applied Chemistry</i> , <b>2009</b> , 81, 2327-2335	2.1	37
182	Using Magnetic Multiwalled Carbon Nanotubes as Modified QuEChERS Adsorbent for Simultaneous Determination of Multiple Mycotoxins in Grains by UPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 8035-8044	5.7	35
181	A Sunlight Powered Portable Photoelectrochemical Biosensor Based on a Potentiometric Resolve Ratiometric Principle. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 13207-13211	7.8	35
180	Oxygen Vacancy Engineering in Europia Clusters/Graphite-Like Carbon Nitride Nanostructures Induced Signal Amplification for Highly Efficient Electrochemiluminescence Aptasensing. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 3615-3620	7.8	34
179	One-pot synthesis of Cd <sub>x</sub> Zn <sub>1-x</sub> S reduced graphene oxide nanocomposites with improved photoelectrochemical performance for selective determination of Cu <sup>2+</sup> . <i>RSC Advances</i> , <b>2013</b> , 3, 14451	3.7	34
178	One-dimensional Ni(OH) <sub>2</sub> nanostructures: Ionic liquid etching synthesis, formation mechanism, and application for electrochemical capacitors. <i>CrystEngComm</i> , <b>2011</b> , 13, 7108	3.3	34
177	A colorimetric biosensor for simultaneous ochratoxin A and aflatoxins B1 detection in agricultural products. <i>Food Chemistry</i> , <b>2020</b> , 319, 126544	8.5	32
176	Dual signal amplification coupling dual inhibition effect for fabricating photoelectrochemical chlorpyrifos biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 239-248	8.5	32
175	A disposable aptasensing device for label-free detection of fumonisin B1 by integrating PDMS film-based micro-cell and screen-printed carbon electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 192-199	8.5	31
174	Nitrogen functionalized graphene quantum dots/3D bismuth oxyiodine hybrid hollow microspheres as remarkable photoelectrode for photoelectrochemical sensing of chlorpyrifos. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 260, 1034-1042	8.5	31
173	Mechanical and barrier properties of maize starch-gelatin composite films: effects of amylose content. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 3613-3622	4.3	30
172	A novel ratiometric near-infrared fluorescent probe for monitoring cyanide in food samples. <i>Food Chemistry</i> , <b>2020</b> , 331, 127359	8.5	30
171	Polyoxometalate@magnetic graphene as versatile immobilization matrix of Ru(bpy) <sub>3</sub> ( <sup>2+</sup> ) for sensitive magneto-controlled electrochemiluminescence sensor and its application in biosensing. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 57, 149-56	11.8	30
170	Oxygen vacancy enhanced photoelectrochemical performance of BiMoO <sub>4</sub> /B, N co-doped graphene for fabricating lincomycin aptasensor. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 135, 145-152	11.8	29
169	Ultrasensitive and visible light-responsive photoelectrochemical aptasensor for edifenphos based on Zinc phthalocyanine sensitized MoS <sub>2</sub> nanosheets. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111867	11.8	29
168	Target-driven switch-on fluorescence aptasensor for trace aflatoxin B1 determination based on highly fluorescent ternary CdZnTe quantum dots. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1047, 163-171	6.6	29
167	Reactable ionic liquid assisted preparation of porous Co <sub>3</sub> O <sub>4</sub> nanostructures with enhanced supercapacitive performance. <i>CrystEngComm</i> , <b>2014</b> , 16, 2395	3.3	28



166	Gold nanoparticles mediated designing of versatile aptasensor for colorimetric/electrochemical dual-channel detection of aflatoxin B1. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 166, 112443	11.8	28
165	A novel universal colorimetric sensor for simultaneous dual target detection through DNA-directed self-assembly of graphene oxide and magnetic separation. <i>Chemical Communications</i> , <b>2017</b> , 53, 7096-7099	5.8	27
164	Ingenious Dual-Photoelectrode Internal-Driven Self-Powered Sensing Platform for the Power Generation and Simultaneous Microcystin Monitoring Based on the Membrane/Mediator-Free Photofuel Cell. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 1728-1732	7.8	27
163	Hepatic resection provided long-term survival for patients with intermediate and advanced-stage resectable hepatocellular carcinoma. <i>World Journal of Surgical Oncology</i> , <b>2016</b> , 14, 62	3.4	27
162	A visible light photoelectrochemical biosensor coupling enzyme-inhibition for organophosphates monitoring based on a dual-functional Cd(0.5)Zn(0.5)S-reduced graphene oxide nanocomposite. <i>Analyst, The</i> , <b>2014</b> , 139, 1121-6	5	27
161	Asymmetric Guerbet Reaction to Access Chiral Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11408-11415	16.4	27
160	Ternary heterojunctions composed of BiOCl, BiVO <sub>4</sub> and nitrogen-doped carbon quantum dots for use in photoelectrochemical sensing: effective charge separation and application to ultrasensitive sensing of dopamine. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4827-4833	5.8	26
159	Systematic oligoaniline-based derivatives: ACQ/AIE conversion with a tunable insertion effect and quantitative fluorescence "turn-on" detection of BSA. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 331-338	7.8	26
158	An intriguing signal-off responsive photoelectrochemical aptasensor for ultrasensitive detection of microcystin-LR and its mechanism study. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 316-324	8.5	26
157	A novel signal amplification strategy based on the competitive reaction between 2D Cu-TCPP(Fe) and polyethyleneimine (PEI) in the application of an enzyme-free and ultrasensitive electrochemical immunosensor for sulfonamide detection. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111883	11.8	26
156	Porous Gold Nanocages: High Atom Utilization for Thiolated Aptamer Immobilization to Well Balance the Simplicity, Sensitivity, and Cost of Disposable Aptasensors. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 8660-8666	7.8	25
155	Long-term postoperative survival prediction in patients with colorectal liver metastasis. <i>Oncotarget</i> , <b>2017</b> , 8, 79927-79934	3.3	25
154	Photoelectrochemical CaMV35S biosensor for discriminating transgenic from non-transgenic soybean based on SiO <sub>2</sub> @CdTe quantum dots core-shell nanoparticles as signal indicators. <i>Talanta</i> , <b>2016</b> , 161, 211-218	6.2	25
153	Fabrication of l-cysteine-capped CdTe quantum dots based ratiometric fluorescence nanosensor for onsite visual determination of trace TNT explosive. <i>Analytica Chimica Acta</i> , <b>2016</b> , 946, 80-87	6.6	25
152	Postoperative adjuvant transcatheter arterial chemoembolization should be considered selectively in patients who have hepatocellular carcinoma with microvascular invasion. <i>Hpb</i> , <b>2019</b> , 21, 425-433	3.8	25
151	One-step hydrothermal treatment to fabricate BiWO <sub>3</sub> -reduced graphene oxide nanocomposites for enhanced visible light photoelectrochemical performance. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3718-3724	7.3	24
150	The preparation of Fe <sub>2</sub> O <sub>3</sub> nanoparticles by liquid phase-based ultrasonic-assisted method and its application as enzyme-free sensor for the detection of H <sub>2</sub> O <sub>2</sub> . <i>RSC Advances</i> , <b>2015</b> , 5, 21161-21169	3.7	24
149	The impact of primary tumour location in patients undergoing hepatic resection for colorectal liver metastasis. <i>European Journal of Surgical Oncology</i> , <b>2018</b> , 44, 771-777	3.6	24

148	Fibrinogen-Albumin Ratio Index (FARI): A More Promising Inflammation-Based Prognostic Marker for Patients Undergoing Hepatectomy for Colorectal Liver Metastases. <i>Annals of Surgical Oncology</i> , <b>2019</b> , 26, 3682-3692	3.1	24
147	Characterisation of microemulsion nanofilms based on Tilapia fish skin gelatine and ZnO nanoparticles incorporated with ginger essential oil: meat packaging application. <i>International Journal of Food Science and Technology</i> , <b>2017</b> , 52, 1670-1679	3.8	23
146	Determination of Cyanide in Water and Food Samples Using an Efficient Naphthalene-Based Ratiometric Fluorescent Probe. <i>ACS Omega</i> , <b>2019</b> , 4, 10784-10790	3.9	23
145	Flavin mononucleotide (FMN)-based fluorescent protein (FbFP) as reporter for promoter screening in <i>Clostridium cellulolyticum</i> . <i>Journal of Microbiological Methods</i> , <b>2015</b> , 119, 37-43	2.8	23
144	Construction of a Novel Fluorescent Probe for On-site Measuring Hydrogen Sulfide Levels in Food Samples. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 852-858	3.4	23
143	High-performance photoelectrochemical aptasensor for enrofloxacin based on Bi-doped ultrathin polymeric carbon nitride nanocomposites with SPR effect and carbon vacancies. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 316, 128142	8.5	23
142	Controllable ionic liquid-assisted electrochemical exfoliation of carbon fibers for the green and large-scale preparation of functionalized graphene quantum dots endowed with multicolor emission and size tunability. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 6092-6100	7.1	21
141	Simultaneous Discrimination of Hypochlorite and Single Oxygen during Sepsis by a Dual-Functional Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6072-6080	7.8	21
140	Synthesis, characterization, and bioactivities of copper complexes with N-substituted Di(picolyl)amines. <i>Transition Metal Chemistry</i> , <b>2009</b> , 34, 337-345	2.1	21
139	A portable solar-driven ratiometric photo-electrochromic visualization biosensor for detection of ochratoxin A. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 306, 127594	8.5	21
138	Ternary Z-scheme heterojunction of Bi SPR-promoted BiVO/g-CN with effectively boosted photoelectrochemical activity for constructing oxytetracycline aptasensor. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 166, 112453	11.8	21
137	Green solid-state synthesis and photocatalytic hydrogen production activity of anatase TiO <sub>2</sub> nanoplates with super heat-stability. <i>RSC Advances</i> , <b>2017</b> , 7, 11827-11833	3.7	19
136	A facile strategy to construct pure thiophene-sulfur-doped graphene/ZnO nanoplates sensitized structure for fabricating a novel on-off-on switch photoelectrochemical aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 99-107	8.5	19
135	An ON(1)-OFF-ON(2) electrochemiluminescence response: combining the intermolecular specific binding with a radical scavenger. <i>Chemical Communications</i> , <b>2015</b> , 51, 11236-9	5.8	19
134	Core-shell LaFeO <sub>3</sub> @g-C <sub>3</sub> N <sub>4</sub> p-n heterostructure with improved photoelectrochemical performance for fabricating streptomycin aptasensor. <i>Applied Surface Science</i> , <b>2020</b> , 511, 145571	6.7	19
133	A homogeneous assay for highly sensitive detection of CaMV35S promoter in transgenic soybean by Förster resonance energy transfer between nitrogen-doped graphene quantum dots and Ag nanoparticles. <i>Analytica Chimica Acta</i> , <b>2016</b> , 948, 90-97	6.6	19
132	Preparation of 1D CuO Nanorods by Means of a Metal Ion Containing Ionic Liquid and Their Supercapacitance. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2315-2323	2.3	19
131	Ionic Liquid Assisted Solvothermal Synthesis of Cu Polyhedron-Pattern Nanostructures and Their Application as Enhanced Nanoelectrocatalysts for Glucose Detection. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1361-1365	2.3	19



130	Determination of pentachlorophenol by anodic electrochemiluminescence of Ru(bpy) <sub>3</sub> <sup>2+</sup> based on nitrogen-doped graphene quantum dots as co-reactant. <i>RSC Advances</i> , <b>2017</b> , 7, 50634-50642	3.7	18
129	A universal photoelectrochemical biosensor for dual microRNA detection based on two CdTe nanocomposites. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 1133-1141	7.3	18
128	A Green, Simple, and Rapid Detection for Amaranth in Candy Samples Based on the Fluorescence Quenching of Nitrogen-Doped Graphene Quantum Dots. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 1658-1665	3.4	18
127	A competitive immunosensor for ultrasensitive detection of sulphonamides from environmental waters using silver nanoparticles decorated single-walled carbon nanohorns as labels. <i>Chemosphere</i> , <b>2019</b> , 225, 282-287	8.4	18
126	A sensitive and stable visible-light-driven photoelectrochemical aptasensor for determination of oxytetracycline in tomato samples. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 398, 122944	12.8	18
125	An ultrasensitive competitive immunosensor using silica nanoparticles as an enzyme carrier for simultaneous impedimetric detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether and tetrabromobisphenol A mono(hydroxyethyl) ether. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 105, 77-80	11.8	18
124	Knowledge based differential evolution for cloud computing service composition. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 9, 565-574	3.7	18
123	Optimum Balance of Cu <sup>+</sup> and Oxygen Vacancies of CuO <sub>x</sub> -CeO <sub>2</sub> Composites for CO Oxidation Based on Thermal Treatment. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 1714-1723	2.3	17
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121	The primary tumor location impacts survival outcome of colorectal liver metastases after hepatic resection: A systematic review and meta-analysis. <i>European Journal of Surgical Oncology</i> , <b>2019</b> , 45, 1349-1356	3.6	16
120	Visible/near-infrared light response VOPc/carbon nitride nanocomposites: VOPc sensitizing carbon nitride to improve photo-to-current conversion efficiency for fabricating photoelectrochemical diclofenac aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 299, 126834	8.5	16
119	A photoelectrochemical/colorimetric immunosensor for broad-spectrum detection of ochratoxins using bifunctional copper oxide nanoflowers. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 330, 129380	8.5	16
118	Facile Preparation of Unsubstituted Iron(II) Phthalocyanine/Carbon Nitride Nanocomposites: A Multipurpose Catalyst with Reciprocally Enhanced Photo/Electrocatalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 3319-3328	8.3	16
117	A novel electrochemical immunosensor based on catalase functionalized AuNPs-loaded self-assembled polymer nanospheres for ultrasensitive detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1048, 50-57	6.6	16
116	Pavement Distress Detection Based on Transfer Learning <b>2018</b> ,		16
115	"Signal on" electrochemiluminescence pentachlorophenol sensor based on luminol-MWCNTs@graphene oxide nanoribbons system. <i>Talanta</i> , <b>2015</b> , 134, 448-452	6.2	15
114	An Improved Routing Algorithm Based on Social Link Awareness in Delay Tolerant Networks. <i>Wireless Personal Communications</i> , <b>2014</b> , 75, 397-414	1.9	15
113	Palladium-catalyzed Suzuki-Miyaura coupling with aryl and heteroaryl bromides using N,N,N',N'-tetra(diphenylphosphinomethyl)-1,2-ethylenediamine. <i>Applied Organometallic Chemistry</i> , <b>2012</b> , 26, 342-346	3.1	15

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110	Electrochemical immunosensor based on Ag-dependent CTAB-AuNPs for ultrasensitive detection of sulfamethazine. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 144, 111643	11.8	14
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21	Development of a model to predict pathologic response to chemotherapy in patients with colorectal liver metastases. <i>Journal of Gastrointestinal Oncology</i> , <b>2021</b> , 12, 1498-1508	2.8	2
20	Highly-resolved spatial-temporal variations of air pollutants from Chinese industrial boilers. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117931	9.3	2
19	Spatial receptive field shift by preceding cross-modal stimulation in the cat superior colliculus. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5033-5050	3.9	1
18	New Micro- and Nanotechnologies for Electrochemical Biosensor Development <b>2019</b> , 279-313		1
17	Investigation on electrical tree propagation in polyethylene based on etching method. <i>AIP Advances</i> , <b>2017</b> , 7, 115012	1.5	1
16	An improved BP algorithm over out-of-order streams for big data <b>2013</b> ,		1
15	Cys-SH based quantitative redox proteomics of salt induced response in sugar beet monosomic addition line M14. <i>Botanical Studies</i> , <b>2021</b> , 62, 16	2.3	1
14	Robust Conformal Perfect Absorber Involving Lossy Ultrathin Film. <i>Photonics</i> , <b>2020</b> , 7, 57	2.2	1
13	Identification of NO hotspots from oversampled TROPOMI NO column based on image segmentation method. <i>Science of the Total Environment</i> , <b>2022</b> , 803, 150007	10.2	1
12	Effect of Electroacupuncture at Wushu Acupoints of the Cardiopulmonary Meridian on the Autophagy in Rats with Acute Myocardial Ischemia.. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2022</b> , 2022, 2114517	2.3	1
11	2D/2D Heterojunction of ZnIn2S4/N-doped Graphene Nanosheets for Off-Type High-Performance Photoelectrochemical Aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 132033	8.5	1
10	The prognostic impact of resection margin status varies according to the genetic and morphological evaluation (GAME) score for colorectal liver metastasis. <i>Journal of Surgical Oncology</i> , <b>2021</b> , 124, 619-626	2.8	0
9	Characterization of genomic alterations in Chinese colorectal cancer patients with liver metastases. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 313	8.5	0
8	Closed bipolar electrode based fluorescence visualization biosensor for anti-interference detection of T-2 toxin. <i>Chemical Communications</i> , <b>2021</b> , 57, 6511-6513	5.8	0
7	Region separation type bio-photoelectrode based all-solid-state self-powered aptasensor for ochratoxin A and aflatoxin B1 detection. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 364, 131897	8.5	0
6	Unit-based emissions and environmental impacts of industrial condensable particulate matter in China in 2020.. <i>Chemosphere</i> , <b>2022</b> , 134759	8.4	0
5	Räktitelbild: Asymmetric Guerbet Reaction to Access Chiral Alcohols (Angew. Chem. 28/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11768-11768	3.6	

4	Application of intra-molecular fluorescence complementation in the topology examination of polytopic proteins in living cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2015</b> , 47, 654-6	2.8
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2	A Visualized Isothermal Amplification Method for Rapid and Specific Detection of Emetic and Non-emetic in Dairy Products.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 802656	5.7
1	Simulation design of natural enzyme binding pocket structure in MOFs for enhanced catalytic activity. <i>Chemical Communications</i> ,	5.8