Kun Wang

List of Publications by Year
in descending order

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265	10,756	23500	54797
papers	citations	58 h-index	84 g-index

270	270	270	10831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Energy big data: A survey. IEEE Access, 2016, 4, 3844-3861.	2.6	275
2	Enhanced non-enzymatic glucose sensing based on copper nanoparticles decorated nitrogen-doped graphene. Biosensors and Bioelectronics, 2014, 54, 273-278.	5.3	215
3	Enhanced direct electrochemistry of glucose oxidase and biosensing for glucose via synergy effect of graphene and CdS nanocrystals. Biosensors and Bioelectronics, 2011, 26, 2252-2257.	5.3	213
4	Synthesis and characterization of CeO2/g-C3N4 composites with enhanced visible-light photocatatalytic activity. RSC Advances, 2013, 3, 22269.	1.7	170
5	Colorimetric aptasensing of ochratoxin A using Au@Fe 3 O 4 nanoparticles as signal indicator and magnetic separator. Biosensors and Bioelectronics, 2016, 77, 1183-1191.	5.3	159
6	A Mitochondria-Specific Fluorescent Probe for Visualizing Endogenous Hydrogen Cyanide Fluctuations in Neurons. Journal of the American Chemical Society, 2018, 140, 1870-1875.	6.6	153
7	Visible light photoelectrochemical sensor for ultrasensitive determination of dopamine based on synergistic effect of graphene quantum dots and TiO 2 nanoparticles. Analytica Chimica Acta, 2015, 853, 258-264.	2.6	148
8	Solvent-Free Chemical Approach to Synthesize Various Morphological Co₃O₄ for CO Oxidation. ACS Applied Materials & Interfaces, 2017, 9, 16128-16137.	4.0	136
9	Label-free impedimetric aptasensor for detection of femtomole level acetamiprid using gold nanoparticles decorated multiwalled carbon nanotube-reduced graphene oxide nanoribbon composites. Biosensors and Bioelectronics, 2015, 70, 122-129.	5.3	127
10	A facile label-free colorimetric aptasensor for acetamiprid based on the peroxidase-like activity of hemin-functionalized reduced graphene oxide. Biosensors and Bioelectronics, 2015, 65, 39-46.	5.3	123
11	Boosting the Visible-Light Photoactivity of BiOCl/BiVO₄/N-GQD Ternary Heterojunctions Based on Internal Z-Scheme Charge Transfer of N-GQDs: Simultaneous Band Gap Narrowing and Carrier Lifetime Prolonging. ACS Applied Materials & Interfaces, 2017, 9, 38832-38841.	4.0	119
12	Graphene enhanced electrochemiluminescence of CdS nanocrystal for H2O2 sensing. Talanta, 2010, 82, 372-376.	2.9	116
13	Autocrine Complement Inhibits IL10-Dependent T-cellâ€“Mediated Antitumor Immunity to Promote Tumor Progression. Cancer Discovery, 2016, 6, 1022-1035.	7.7	116
14	Amplified impedimetric aptasensor based on gold nanoparticles covalently bound graphene sheet for the picomolar detection of ochratoxin A. Analytica Chimica Acta, 2014, 806, 128-135.	2.6	115
15	A highly sensitive and rapid organophosphate biosensor based on enhancement of CdSâ€“decorated graphene nanocomposite. Analytica Chimica Acta, 2011, 695, 84-88.	2.6	114
16	Mechanical properties and solubility in water of corn starch-collagen composite films: Effect of starch type and concentrations. Food Chemistry, 2017, 216, 209-216.	4.2	113
17	Multiple signal-amplification via Ag and TiO2 decorated 3D nitrogen doped graphene hydrogel for fabricating sensitive label-free photoelectrochemical thrombin aptasensor. Biosensors and Bioelectronics, 2018, 101, 14-20.	5.3	112
18	One-Step Thermal-Treatment Route to Fabricate Well-Dispersed ZnO Nanocrystals on Nitrogen-Doped Graphene for Enhanced Electrochemiluminescence and Ultrasensitive Detection of Pentachlorophenol. ACS Applied Materials & Interfaces, 2015, 7, 3093-3100.	4.0	110

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19	Magneto-controlled aptasensor for simultaneous electrochemical detection of dual mycotoxins in maize using metal sulfide quantum dots coated silica as labels. Biosensors and Bioelectronics, 2017, 89, 802-809.	5.3	108
20	AgBr nanoparticles/3D nitrogen-doped graphene hydrogel for fabricating all-solid-state luminol-electrochemiluminescence Escherichia coli aptasensors. Biosensors and Bioelectronics, 2017, 97, 377-383.	5.3	105
21	Nitrogen-Doped Graphene Quantum Dots@SiO₂ Nanoparticles as Electrochemiluminescence and Fluorescence Signal Indicators for Magnetically Controlled Aptasensor with Dual Detection Channels. ACS Applied Materials & Interfaces, 2015, 7, 26865-26873.	4.0	104
22	Atmospheric pressure synthesis of nitrogen doped graphene quantum dots for fabrication of BiOBr nanohybrids with enhanced visible-light photoactivity and photostability. Carbon, 2016, 96, 1157-1165.	5.4	104
23	Electrochemical Biosensor Based on Tetrahedral DNA Nanostructures and G-Quadruplexâ€“Hemin Conformation for the Ultrasensitive Detection of MicroRNA-21 in Serum. Analytical Chemistry, 2019, 91, 7353-7359.	3.2	98
24	A sensitive Potentiometric resolved ratiometric Photoelectrochemical aptasensor for Escherichia coli detection fabricated with non-metallic nanomaterials. Biosensors and Bioelectronics, 2018, 106, 57-63.	5.3	97
25	Engineering of Heterojunction-Mediated Biointerface for Photoelectrochemical Aptasensing: Case of Direct Z-Scheme CdTe-Bi₂S₃ Heterojunction with Improved Visible-Light-Driven Photoelectrical Conversion Efficiency. ACS Applied Materials & Interfaces, 2017, 9, 18369-18376.	4.0	94
26	Magnetic-fluorescent-targeting multifunctional aptasensorfor highly sensitive and one-step rapid detection of ochratoxin A. Biosensors and Bioelectronics, 2015, 68, 783-790.	5.3	92
27	TiO2-decorated graphene nanohybrids for fabricating an amperometric acetylcholinesterase biosensor. Analyst, The, 2011, 136, 3349.	1.7	90
28	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. Carbon, 2016, 102, 10-17.	5.4	90
29	Perovskite-type BiFeO3/ultrathin graphite-like carbon nitride nanosheets p-n heterojunction: Boosted visible-light-driven photoelectrochemical activity for fabricating ampicillin aptasensor. Biosensors and Bioelectronics, 2019, 124-125, 33-39.	5.3	88
30	Bi-color FRET from two nano-donors to a single nano-acceptor: A universal aptasensing platform for simultaneous determination of dual targets. Chemical Engineering Journal, 2020, 401, 126017.	6.6	88
31	Facile one-pot synthesis of visible light-responsive BiPO4/nitrogen doped graphene hydrogel for fabricating label-free photoelectrochemical tetracycline aptasensor. Biosensors and Bioelectronics, 2018, 111, 131-137.	5.3	87
32	Label-free colorimetric aptasensor for sensitive detection of ochratoxin A utilizing hybridization chain reaction. Analytica Chimica Acta, 2015, 860, 83-88.	2.6	86
33	Design of a Dual Channel Self-Reference Photoelectrochemical Biosensor. Analytical Chemistry, 2017, 89, 10133-10136.	3.2	86
34	Performance of high amylose starch-composited gelatin films influenced by gelatinization and concentration. International Journal of Biological Macromolecules, 2017, 94, 258-265.	3.6	86
35	New Insights toward Efficient Charge-Separation Mechanism for High-Performance Photoelectrochemical Aptasensing: Enhanced Charge-Carrier Lifetime via Coupling Ultrathin MoS₂ Nanoplates with Nitrogen-Doped Graphene Quantum Dots. Analytical Chemistry, 2017, 89, 4525-4531.	3.2	85
36	Fabrication of magnetically assembled aptasensing device for label-free determination of aflatoxin B1 based on EIS. Biosensors and Bioelectronics, 2018, 108, 69-75.	5.3	83

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37	Gold nanrods plasmon-enhanced photoelectrochemical aptasensing based on hematite/N-doped graphene films for ultrasensitive analysis of 17Î²-estradiol. Biosensors and Bioelectronics, 2017, 91, 706-713.	5.3	82
38	Boron and nitrogen co-doped graphene aerogels: Facile preparation, tunable doping contents and bifunctional oxygen electrocatalysis. Carbon, 2018, 137, 458-466.	5.4	82
39	Onsite naked eye determination of cysteine and homocysteine using quencher displacement-induced fluorescence recovery of the dual-emission hybrid probes with desired intensity ratio. Biosensors and Bioelectronics, 2015, 65, 83-90.	5.3	79
40	One-pot synthesis of BiPO₄ functionalized reduced graphene oxide with enhanced photoelectrochemical performance for selective and sensitive detection of chlorpyrifos. Journal of Materials Chemistry A, 2015, 3, 13671-13678.	5.2	78
41	Silver nanoparticles anchored on nitrogen-doped graphene as a novel electrochemical biosensing platform with enhanced sensitivity for aptamer-based pesticide assay. Analyst, The, 2015, 140, 6404-6411.	1.7	78
42	Gold nanoparticles mediated designing of versatile aptasensor for colorimetric/electrochemical dual-channel detection of aflatoxin B1. Biosensors and Bioelectronics, 2020, 166, 112443.	5.3	78
43	Recent development of electrochemiluminescence sensors for food analysis. Analytical and Bioanalytical Chemistry, 2016, 408, 7035-7048.	1.9	76
44	Fabricating photoelectrochemical aptasensor for selectively monitoring microcystin-LR residues in fish based on visible light-responsive BiOBr nanoflakes/N-doped graphene photoelectrode. Biosensors and Bioelectronics, 2016, 81, 242-248.	5.3	74
45	Magnetically controlled fluorescence aptasensor for simultaneous determination of ochratoxin A and aflatoxin B1. Analytica Chimica Acta, 2018, 1019, 119-127.	2.6	74
46	A colorimetric biosensor for simultaneous ochratoxin A and aflatoxins B1 detection in agricultural products. Food Chemistry, 2020, 319, 126544.	4.2	73
47	Recent developments of photoelectrochemical biosensors for food analysis. Journal of Materials Chemistry B, 2019, 7, 7283-7300.	2.9	72
48	Highly sensitive and simultaneous electrochemical determination of 2-aminophenol and 4-aminophenol based on poly(l -arginine)-Î²-cyclodextrin/carbon nanotubes@graphene nanoribbons modified electrode. Biosensors and Bioelectronics, 2016, 77, 353-358.	5.3	70
49	Ultrasensitive photoelectrochemical sensing of nicotinamide adenine dinucleotide based on graphene-TiO2 nanohybrids under visible irradiation. Analytica Chimica Acta, 2012, 745, 131-136.	2.6	69
50	Î±â€Fe₂O₃ Cubes with High Visibleâ€Lightâ€Activated Photoelectrochemical Activity towards Glucose: Hydrothermal Synthesis Assisted by a Hydrophobic Ionic Liquid. Chemistry - A European Journal, 2014, 20, 2244-2253.	1.7	68
51	Design and construction of Z-scheme Bi2S3/nitrogen-doped graphene quantum dots: Boosted photoelectric conversion efficiency for high-performance photoelectrochemical aptasensing of sulfadimethoxine. Biosensors and Bioelectronics, 2019, 130, 230-235.	5.3	67
52	Ultrasensitive electrochemical aptasensor for ochratoxin A based on two-level cascaded signal amplification strategy. Bioelectrochemistry, 2014, 96, 7-13.	2.4	65
53	Photoelectrochemical aptasensor based on CdTe quantum dots-single walled carbon nanohorns for the sensitive detection of streptomycin. Sensors and Actuators B: Chemical, 2017, 251, 564-571.	4.0	65
54	A novel ratiometric near-infrared fluorescent probe for monitoring cyanide in food samples. Food Chemistry, 2020, 331, 127359.	4.2	65

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55	Preparation and Characterization of Fe₂O₃Nanoparticles by Solid-Phase Method and Its Hydrogen Peroxide Sensing Properties. ACS Sustainable Chemistry and Engineering, 2016, 4, 1069-1077.	3.2	64
56	MoS2/nitrogen doped graphene hydrogels p-n heterojunction: Efficient charge transfer property for highly sensitive and selective photoelectrochemical analysis of chloramphenicol. Biosensors and Bioelectronics, 2019, 126, 463-469.	5.3	64
57	A pH-Resolved Colorimetric Biosensor for Simultaneous Multiple Target Detection. ACS Sensors, 2018, 3, 2159-2165.	4.0	62
58	Using Magnetic Multiwalled Carbon Nanotubes as Modified QuEChERS Adsorbent for Simultaneous Determination of Multiple Mycotoxins in Grains by UPLC-MS/MS. Journal of Agricultural and Food Chemistry, 2019, 67, 8035-8044.	2.4	61
59	Oxygen vacancy enhanced photoelectrochemical performance of Bi2MoO6/B, N co-doped graphene for fabricating lincomycin aptasensor. Biosensors and Bioelectronics, 2019, 135, 145-152.	5.3	60
60	Asymmetric Guerbet Reaction to Access Chiral Alcohols. Angewandte Chemie - International Edition, 2020, 59, 11408-11415.	7.2	60
61	Biomimic Nanozymes with Tunable Peroxidase-like Activity Based on the Confinement Effect of Metalâ€“Organic Frameworks (MOFs) for Biosensing. Analytical Chemistry, 2022, 94, 4821-4830.	3.2	60
62	Resonance energy transfer from CdTe quantum dots to gold nanorods using MWCNTs/rGO nanoribbons as efficient signal amplifier for fabricating visible-light-driven â€œon-off-onâ€• photoelectrochemical acetamiprid aptasensor. Sensors and Actuators B: Chemical, 2016, 235, 647-654.	4.0	59
63	Target-driven switch-on fluorescence aptasensor for trace aflatoxin B1 determination based on highly fluorescent ternary CdZnTe quantum dots. Analytica Chimica Acta, 2019, 1047, 163-171.	2.6	58
64	A potentiometric resolved ratiometric photoelectrochemical aptasensor. Chemical Communications, 2017, 53, 5810-5813.	2.2	57
65	Determination of Cyanide in Water and Food Samples Using an Efficient Naphthalene-Based Ratiometric Fluorescent Probe. ACS Omega, 2019, 4, 10784-10790.	1.6	57
66	Engineering efficient charge transfer based on ultrathin graphite-like carbon nitride/WO 3 semiconductor nanoheterostructures for fabrication of high-performances non-enzymatic photoelectrochemical glucose sensor. Electrochimica Acta, 2016, 215, 305-312.	2.6	55
67	Three-dimensional nitrogen-doped graphene porous hydrogel fabricated biosensing platform with enhanced photoelectrochemical performance. Sensors and Actuators B: Chemical, 2017, 250, 476-483.	4.0	54
68	Oxygen Vacancy Engineering in Europia Clusters/Graphite-Like Carbon Nitride Nanostructures Induced Signal Amplification for Highly Efficient Electrochemiluminesce Aptasensing. Analytical Chemistry, 2018, 90, 3615-3620.	3.2	54
69	Ternary Z-scheme heterojunction of Bi SPR-promoted BiVO4/g-C3N4 with effectively boosted photoelectrochemical activity for constructing oxytetracycline aptasensor. Biosensors and Bioelectronics, 2020, 166, 112453.	5.3	54
70	Fabrication of graphene oxide decorated with nitrogen-doped graphene quantum dots and its enhanced electrochemiluminescence for ultrasensitive detection of pentachlorophenol. Analyst, The, 2015, 140, 1253-1259.	1.7	53
71	Mechanical and barrier properties of maize starchâ€“gelatin composite films: effects of amylose content. Journal of the Science of Food and Agriculture, 2017, 97, 3613-3622.	1.7	52
72	A highly sensitive signal-amplified gold nanoparticle-based electrochemical immunosensor for dibutyl phthalate detection. Biosensors and Bioelectronics, 2017, 91, 199-202.	5.3	52

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73	Graphitic Carbon Nitride Nanorods for Photoelectrochemical Sensing of Trace Copper(II) Ions. European Journal of Inorganic Chemistry, 2014, 2014, 3665-3673.	1.0	51
74	One-pot hydrothermal route to fabricate nitrogen doped graphene/Ag-TiO2: Efficient charge separation, and high-performance â€œon-off-onâ€•switch system based photoelectrochemical biosensing. Biosensors and Bioelectronics, 2016, 83, 149-155.	5.3	51
75	Building a Three-Dimensional Nanoâ€“Bio Interface for Aptasensing: An Analytical Methodology Based on Steric Hindrance Initiated Signal Amplification Effect. Analytical Chemistry, 2016, 88, 9622-9629.	3.2	51
76	Magnetically Separable Fe3O4 Nanoparticles-Decorated Reduced Graphene Oxide Nanocomposite for Catalytic Wet Hydrogen Peroxide Oxidation. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 907-916.	1.9	50
77	Amplified solid-state electrochemiluminescence detection of cholesterol in near-infrared range based on CdTe quantum dots decorated multiwalled carbon nanotubes@reduced graphene oxide nanoribbons. Biosensors and Bioelectronics, 2015, 73, 221-227.	5.3	49
78	A FRET-based ratiometric fluorescent aptasensor for rapid and onsite visual detection of ochratoxin A. Analyst, The, 2015, 140, 7434-7442.	1.7	49
79	A Sunlight Powered Portable Photoelectrochemical Biosensor Based on a Potentiometric Resolve Ratiometric Principle. Analytical Chemistry, 2018, 90, 13207-13211.	3.2	49
80	Antiâ€Markovnikov Hydroamination of Racemic Allylic Alcohols to Access Chiral Î³â€Amino Alcohols. Angewandte Chemie - International Edition, 2020, 59, 21959-21964.	7.2	48
81	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. Biosensors and Bioelectronics, 2020, 150, 111883.	5.3	47
82	Fluorescent â€œon-off-onâ€•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. Biosensors and Bioelectronics, 2017, 92, 26-32.	5.3	46
83	Dual signal amplification coupling dual inhibition effect for fabricating photoelectrochemical chlorpyrifos biosensor. Sensors and Actuators B: Chemical, 2017, 238, 239-248.	4.0	45
84	An ultrasensitive electrochemical biosensor for detection of microRNA-21 based on redox reaction of ascorbic acid/iodine and duplex-specï¬c nuclease assisted target recycling. Biosensors and Bioelectronics, 2019, 130, 81-87.	5.3	45
85	Porous Gold Nanocages: High Atom Utilization for Thiolated Aptamer Immobilization to Well Balance the Simplicity, Sensitivity, and Cost of Disposable Aptasensors. Analytical Chemistry, 2019, 91, 8660-8666.	3.2	45
86	Simultaneous detection of enrofloxacin and ciprofloxacin in milk using a bias potentials controlling-based photoelectrochemical aptasensor. Journal of Hazardous Materials, 2021, 416, 125988.	6.5	45
87	Development and Validation of a Nomogram to Preoperatively Estimate Post-hepatectomy Liver Dysfunction Risk and Long-term Survival in Patients With Hepatocellular Carcinoma. Annals of Surgery, 2021, 274, e1209-e1217.	2.1	45
88	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. Analytica Chimica Acta, 2015, 888, 173-181.	2.6	44
89	Construction of a Novel Fluorescent Probe for On-site Measuring Hydrogen Sulfide Levels in Food Samples. Food Analytical Methods, 2019, 12, 852-858.	1.3	44
90	Sensitive electrochemical sensing for polycyclic aromatic amines based on a novel coreâ€“shell multiwalled carbon nanotubes@ graphene oxide nanoribbons heterostructure. Analytica Chimica Acta, 2014, 845, 30-37.	2.6	43

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91	A disposable aptasensing device for label-free detection of fumonisin B1 by integrating PDMS film-based micro-cell and screen-printed carbon electrode. Sensors and Actuators B: Chemical, 2017, 251, 192-199.	4.0	43
92	Nitrogen functionlized graphene quantum dots/3D bismuth oxyiodine hybrid hollow microspheres as remarkable photoelectrode for photoelectrochemical sensing of chlopyrifos. Sensors and Actuators B: Chemical, 2018, 260, 1034-1042.	4.0	43
93	Visible-light photocatalytic efficiencies and anti-photocorrosion behavior of CdS/graphene nanocomposites: Evaluation using methylene blue degradation. Chinese Journal of Catalysis, 2013, 34, 1876-1882.	6.9	42
94	CeO2 nanocrystallines ensemble-on-nitrogen-doped graphene nanocomposites: one-pot, rapid synthesis and excellent electrocatalytic activity for enzymatic biosensing. Biosensors and Bioelectronics, 2017, 89, 681-688.	5.3	42
95	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. Analytical Chemistry, 2019, 91, 1728-1732.	3.2	42
96	Postoperative adjuvant transcatheter arterial chemoembolization should be considered selectively in patients who have hepatocellular carcinoma with microvascular invasion. Hpb, 2019, 21, 425-433.	0.1	42
97	Photocatalytic degradation of methylene blue on magnetically separable FePc/Fe3O4 nanocomposite under visible irradiation. Pure and Applied Chemistry, 2009, 81, 2327-2335.	0.9	41
98	Ultrasensitive and visible light-responsive photoelectrochemical aptasensor for edifenphos based on Zinc phthalocyanine sensitized MoS2 nanosheets. Biosensors and Bioelectronics, 2020, 150, 111867.	5.3	41
99	Simultaneous Discrimination of Hypochlorite and Single Oxygen during Sepsis by a Dual-Functional Fluorescent Probe. Analytical Chemistry, 2020, 92, 6072-6080.	3.2	41
100	Novel Anti-Interference Strategy for a Self-Powered Sensor: Mediator-Free and Biospecific Photocathode Interface. Analytical Chemistry, 2021, 93, 12690-12697.	3.2	41
101	High-performance photoelectrochemical aptasensor for enrofloxacin based on Bi-doped ultrathin polymeric carbon nitride nanocomposites with SPR effect and carbon vacancies. Sensors and Actuators B: Chemical, 2020, 316, 128142.	4.0	40
102	A sensitive and stable visible-light-driven photoelectrochemical aptasensor for determination of oxytetracycline in tomato samples. Journal of Hazardous Materials, 2020, 398, 122944.	6.5	39
103	One-pot synthesis of CdxZn1â^'xSâ€“reduced graphene oxide nanocomposites with improved photoelectrochemical performance for selective determination of Cu2+. RSC Advances, 2013, 3, 14451.	1.7	38
104	Polyoxometalate@magnetic graphene as versatile immobilization matrix of Ru(bpy)32+ for sensitive magneto-controlled electrochemiluminescence sensor and its application in biosensing. Biosensors and Bioelectronics, 2014, 57, 149-156.	5.3	38
105	A Multiplexed Self-Powered Dual-Photoelectrode Biosensor for Detecting Dual Analytes Based on an Electron-Transfer-Regulated Conversion Strategy. Analytical Chemistry, 2021, 93, 6214-6222.	3.2	38
106	One-dimensional Î²-Ni(OH)2 nanostructures: Ionic liquid etching synthesis, formation mechanism, and application for electrochemical capacitors. CrystEngComm, 2011, 13, 7108.	1.3	37
107	A portable solar-driven ratiometric photo-electrochromic visualization biosensor for detection of ochratoxin A. Sensors and Actuators B: Chemical, 2020, 306, 127594.	4.0	37
108	A novel self-powered aptasensor for digoxin monitoring based on the dual-photoelectrode membrane/mediator-free photofuel cell. Biosensors and Bioelectronics, 2020, 156, 112135.	5.3	37

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109	Hepatic resection provided long-term survival for patients with intermediate and advanced-stage resectable hepatocellular carcinoma. World Journal of Surgical Oncology, 2016, 14, 62.	0.8	36
110	Characterisation of microemulsion nanofilms based on Tilapia fish skin gelatine and ZnO nanoparticles incorporated with ginger essential oil: meat packaging application. International Journal of Food Science and Technology, 2017, 52, 1670-1679.	1.3	36
111	The impact of primary tumour location in patients undergoing hepatic resection for colorectal liver metastasis. European Journal of Surgical Oncology, 2018, 44, 771-777.	0.5	36
112	Fibrinogenâ€“Albumin Ratio Index (FARI): A More Promising Inflammation-Based Prognostic Marker for Patients Undergoing Hepatectomy for Colorectal Liver Metastases. Annals of Surgical Oncology, 2019, 26, 3682-3692.	0.7	36
113	Systematic oligoaniline-based derivatives: ACQâ€“AIE conversion with a tunable insertion effect and quantitative fluorescence â€œturn-onâ€•detection of BSA. Materials Chemistry Frontiers, 2019, 3, 331-338.	3.2	36
114	Overexpression of a S-Adenosylmethionine Decarboxylase from Sugar Beet M14 Increased Araidopsis Salt Tolerance. International Journal of Molecular Sciences, 2019, 20, 1990.	1.8	36
115	Pavement Distress Detection Based on Transfer Learning. , 2018, , .		35
116	Portable Photoelectrochromic Visualization Sensor for Detection of Chemical Oxygen Demand. Analytical Chemistry, 2020, 92, 13604-13609.	3.2	35
117	A photoelectrochemical/colorimetric immunosensor for broad-spectrum detection of ochratoxins using bifunctional copper oxide nanoflowers. Sensors and Actuators B: Chemical, 2021, 330, 129380.	4.0	34
118	Selective and sensitive photoelectrochemical aptasensor for streptomycin detection based on Bi4VO8Br/Ti3C2 nanohybrids. Journal of Hazardous Materials, 2021, 414, 125539.	6.5	34
119	A disposable ratiometric electrochemical aptasensor with exonuclease I-powered target recycling amplification for highly sensitive detection of aflatoxin B1. Sensors and Actuators B: Chemical, 2022, 355, 131238.	4.0	34
120	An intriguing signal-off responsive photoelectrochemical aptasensor for ultrasensitive detection of microcystin-LR and its mechanism study. Sensors and Actuators B: Chemical, 2018, 259, 316-324.	4.0	33
121	The primary tumor location impacts survival outcome of colorectal liver metastases after hepatic resection: A systematic review and meta-analysis. European Journal of Surgical Oncology, 2019, 45, 1349-1356.	0.5	33
122	Facile Preparation of Unsubstituted Iron(II) Phthalocyanine/Carbon Nitride Nanocomposites: A Multipurpose Catalyst with Reciprocally Enhanced Photo/Electrocatalytic Activity. ACS Sustainable Chemistry and Engineering, 2019, 7, 3319-3328.	3.2	33
123	Core-shell LaFeO3@g-C3N4 p-n heterostructure with improved photoelectrochemical performance for fabricating streptomycin aptasensor. Applied Surface Science, 2020, 511, 145571.	3.1	33
124	One-step hydrothermal synthesis of telluride molybdenum/reduced graphene oxide with Schottky barrier for fabricating label-free photoelectrochemical profenofos aptasensor. Chemical Engineering Journal, 2021, 407, 127213.	6.6	33
125	Reactable ionic liquid assisted preparation of porous Co3O4 nanostructures with enhanced supercapacitive performance. CrystEngComm, 2014, 16, 2395.	1.3	32
126	Photoelectrochemical CaMV35S biosensor for discriminating transgenic from non-transgenic soybean based on SiO2@CdTe quantum dots core-shell nanoparticles as signal indicators. Talanta, 2016, 161, 211-218.	2.9	32

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127	A facile strategy to construct pure thiophene-sulfur-doped graphene/ZnO nanoplates sensitized structure for fabricating a novel â€œon-off-onâ€•switch photoelectrochemical aptasensor. Sensors and Actuators B: Chemical, 2017, 251, 99-107.	4.0	32
128	Long-term postoperative survival prediction in patients with colorectal liver metastasis. Oncotarget, 2017, 8, 79927-79934.	0.8	31
129	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. Journal of Materials Chemistry C, 2017, 5, 6092-6100.	2.7	30
130	Ternary heterojunctions composed of BiOCl, BiVO4 and nitrogen-doped carbon quantum dots for use in photoelectrochemical sensing: effective charge separation and application to ultrasensitive sensing of dopamine. Mikrochimica Acta, 2017, 184, 4827-4833.	2.5	30
131	Fabrication of l -cysteine-capped CdTe quantum dots based ratiometric fluorescence nanosensor for onsite visual determination of trace TNT explosive. Analytica Chimica Acta, 2016, 946, 80-87.	2.6	29
132	A novel universal colorimetric sensor for simultaneous dual target detection through DNA-directed self-assembly of graphene oxide and magnetic separation. Chemical Communications, 2017, 53, 7096-7099.	2.2	29
133	A visible light photoelectrochemical biosensor coupling enzyme-inhibition for organophosphates monitoring based on a dual-functional Cd0.5Zn0.5S-reduced graphene oxide nanocomposite. Analyst, The, 2014, 139, 1121.	1.7	28
134	A homogeneous assay for highly sensitive detection of CaMV35S promoter in transgenic soybean by fÃ¶rster resonance energy transfer between nitrogen-doped graphene quantum dots and Ag nanoparticles. Analytica Chimica Acta, 2016, 948, 90-97.	2.6	28
135	Optimum Balance of Cu⁺ and Oxygen Vacancies of CuO_xâ€“CeO₂ Composites for CO Oxidation Based on Thermal Treatment. European Journal of Inorganic Chemistry, 2019, 2019, 1714-1723.	1.0	28
136	Amplified photocurrent signal for fabricating photoelectrochemical sulfadimethoxine aptasensor based on carbon nitride photosensitization with visible/near-infrared light responsive zinc phthalocyanine. Journal of Hazardous Materials, 2021, 406, 124749.	6.5	28
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138	Ultrasensitive photoelectrochemical aptasensor for carbendazim detection based on in-situ constructing Schottky junction via photoreducing Pd nanoparticles onto CdS microsphere. Biosensors and Bioelectronics, 2022, 203, 114036.	5.3	28
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