Kun Wang

List of Publications by Year in Descending Order

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	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	11.8	2
254	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	8.5	3
253	Identification of NO hotspots from oversampled TROPOMI NO column based on image segmentation method. *Science of the Total Environment*, **2022**, 803, 150007	10.2	1
252	Biomimic Nanozymes with Tunable Peroxidase-like Activity Based on the Confinement Effect of Metal-Organic Frameworks (MOFs) for Biosensing.. *Analytical Chemistry*, **2022**,	7.8	9
251	A Visualized Isothermal Amplification Method for Rapid and Specific Detection of Emetic and Non-emetic in Dairy Products.. *Frontiers in Microbiology*, **2022**, 13, 802656	5.7	
250	Effect of Electroacupuncture at Wushu Acupoints of the Cardiopulmonary Meridian on the Autophagy in Rats with Acute Myocardial Ischemia.. *Evidence-based Complementary and Alternative Medicine*, **2022**, 2022, 2114517	2.3	1
249	Enhanced cathodic electrochemiluminescent microcystin-LR aptasensor based on surface plasmon resonance of Bi nanoparticles.. *Journal of Hazardous Materials*, **2022**, 434, 128877	12.8	3
248	Region separation type bio-photoelectrode based all-solid-state self-powered aptasensor for ochratoxin A and aflatoxin B1 detection. *Sensors and Actuators B: Chemical*, **2022**, 364, 131897	8.5	0
247	Unit-based emissions and environmental impacts of industrial condensable particulate matter in China in 2020.. *Chemosphere*, **2022**, 134759	8.4	0
246	2D/2D Heterojunction of ZnIn2S4/N-doped Graphene Nanosheets for Off-Type High-Performance Photoelectrochemical Aptasensor. *Sensors and Actuators B: Chemical*, **2022**, 132033	8.5	1
245	Development and Application of Rapid Clinical Visualization Molecular Diagnostic Technology for / Based on Recombinase Polymerase Amplification Combined With a Lateral Flow Strip.. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 803798	5.9	2
244	An upgraded 2D nanosheet-based FRET biosensor: insights into avoiding background and eliminating effects of background fluctuations.. *Chemical Communications*, **2021**,	5.8	4
243	Cys-SH based quantitative redox proteomics of salt induced response in sugar beet monosomic addition line M14. *Botanical Studies*, **2021**, 62, 16	2.3	1
242	High-Throughput Detection of Multiple Contaminants Based on Portable Photoelectrochromic Sensor Chip. *Analytical Chemistry*, **2021**, 93, 14053-14058	7.8	2
241	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	7.8	14
240	A photoelectrochemical/colorimetric immunosensor for broad-spectrum detection of ochratoxins using bifunctional copper oxide nanoflowers. *Sensors and Actuators B: Chemical*, **2021**, 330, 129380	8.5	16
239	g-CN/FeO Nanocomposites as Adsorbents Analyzed by UPLC-MS/MS for Highly Sensitive Simultaneous Determination of 27 Mycotoxins in Maize: Aiming at Increasing Purification Efficiency and Reducing Time. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 4874-4882	5.7	5

238	Zwitterionic modified electrostatic flocking surfaces for diatoms and mussels resistance. *Journal of Colloid and Interface Science*, **2021**, 588, 9-18	9.3	7
237	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	7.8	9
236	Rapid Potentiometric Detection of Chemical Oxygen Demand Using a Portable Self-Powered Sensor Chip. *Analytical Chemistry*, **2021**, 93, 8393-8398	7.8	3
235	The prognostic impact of resection margin status varies according to the genetic and morphological evaluation (GAME) score for colorectal liver metastasis. *Journal of Surgical Oncology*, **2021**, 124, 619-626	2.8	0
234	Mass-produced flexible Br doped PEDOT modified carbon paper electrodes for constructing mercury ion photoelectrochemical sensor. *Sensors and Actuators B: Chemical*, **2021**, 339, 129871	8.5	9
233	Characterization of genomic alterations in Chinese colorectal cancer patients with liver metastases. *Journal of Translational Medicine*, **2021**, 19, 313	8.5	0
232	Modified FOLFOXIRI With or Without Cetuximab as Conversion Therapy in Patients with RAS/BRAF Wild-Type Unresectable Liver Metastases Colorectal Cancer: The FOCULM Multicenter Phase II Trial. *Oncologist*, **2021**, 26, e90-e98	5.7	9
231	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	14.7	14
230	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	12.8	6
229	Hollow porous nitrogen-doped carbon embedded with ultrafine Co nanoparticles boosting lithium-ion storage. *CrystEngComm*, **2021**, 23, 2006-2015	3.3	3
228	Closed bipolar electrode based fluorescence visualization biosensor for anti-interference detection of T-2 toxin. *Chemical Communications*, **2021**, 57, 6511-6513	5.8	0
227	Controlling the ligands of CdZnTe quantum dots to design a super simple ratiometric fluorescence nanosensor for silver ion detection. *Analyst, The*, **2021**, 146, 5747-5755	5	
226	Measure-specific environmental benefits of air pollution control for coal-fired industrial boilers in China from 2015 to 2017. *Environmental Pollution*, **2021**, 273, 116470	9.3	10
225	Selective and sensitive photoelectrochemical aptasensor for streptomycin detection based on BiVOBr/TiC nanohybrids. *Journal of Hazardous Materials*, **2021**, 414, 125539	12.8	10
224	Recurrent colorectal liver metastasis patients could benefit from repeat hepatic resection. *BMC Surgery*, **2021**, 21, 327	2.3	2
223	Simultaneous detection of enrofloxacin and ciprofloxacin in milk using a bias potentials controlling-based photoelectrochemical aptasensor. *Journal of Hazardous Materials*, **2021**, 416, 125988	12.8	9
222	Development of a model to predict pathologic response to chemotherapy in patients with colorectal liver metastases. *Journal of Gastrointestinal Oncology*, **2021**, 12, 1498-1508	2.8	2
221	Novel Anti-Interference Strategy for a Self-Powered Sensor: Mediator-Free and Biospecific Photocathode Interface. *Analytical Chemistry*, **2021**, 93, 12690-12697	7.8	7

220	Rapid heavy metal sensing platform: A case of triple signal amplification strategy for the sensitive detection of serum copper. *Analytica Chimica Acta*, **2021**, 1181, 338908	6.6	4
219	Nanoparticles-doped induced defective ZIF-8 as the novel cathodic luminophore for fabricating high-performance electrochemiluminescence aptasensor for detection of omethoate. *Biosensors and Bioelectronics*, **2021**, 192, 113492	11.8	6
218	Highly-resolved spatial-temporal variations of air pollutants from Chinese industrial boilers. *Environmental Pollution*, **2021**, 289, 117931	9.3	2
217	B, N co-doped graphene synergistic catalyzed ZnO quantum dots with amplified cathodic electrochemiluminescence for fabricating microcystin-LR aptasensor. *Sensors and Actuators B: Chemical*, **2021**, 349, 130795	8.5	5
216	A dual-photoelectrode photofuel cell based self-powered aptasensor using a multimeter as a direct visual readout strategy. *Chemical Communications*, **2021**, 57, 5973-5976	5.8	3
215	Catalysis-induced performance enhancement of an electrochemical microcystin-LR aptasensor based on cobalt-based oxide on a B, N co-doped graphene hydrogel. *Analyst, The*, **2021**, 146, 2574-2580	5	4
214	A homogeneous DNA nanosphere for fluorescence detection of microRNAs with high-ordered aggregation enhanced emission and enzyme-free cascade amplification. *Sensors and Actuators B: Chemical*, **2020**, 320, 128394	8.5	9
213	Engineering CuOx□rO2□eO2 nanocatalysts with abundant surface Cu species and oxygen vacancies toward high catalytic performance in CO oxidation and 4-nitrophenol reduction. *CrystEngComm*, **2020**, 22, 4005-4013	3.3	8
212	A sensitive and stable visible-light-driven photoelectrochemical aptasensor for determination of oxytetracycline in tomato samples. *Journal of Hazardous Materials*, **2020**, 398, 122944	12.8	18
211	A novel ratiometric near-infrared fluorescent probe for monitoring cyanide in food samples. *Food Chemistry*, **2020**, 331, 127359	8.5	30
210	A colorimetric biosensor for simultaneous ochratoxin A and aflatoxins B1 detection in agricultural products. *Food Chemistry*, **2020**, 319, 126544	8.5	32
209	Simultaneous Discrimination of Hypochlorite and Single Oxygen during Sepsis by a Dual-Functional Fluorescent Probe. *Analytical Chemistry*, **2020**, 92, 6072-6080	7.8	21
208	A novel self-powered aptasensor for digoxin monitoring based on the dual-photoelectrode membrane/mediator-free photofuel cell. *Biosensors and Bioelectronics*, **2020**, 156, 112135	11.8	17
207	R□ktitelbild: Asymmetric Guerbet Reaction to Access Chiral Alcohols (Angew. Chem. 28/2020). *Angewandte Chemie*, **2020**, 132, 11768-11768	3.6	
206	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	14.7	53
205	Catalytic Membrane Microreactors with an Ultrathin Freestanding Membrane for Nitrobenzene Hydrogenation. *ACS Applied Materials & Interfaces*, **2020**, 12, 9806-9813	9.5	8
204	Structured NiB amorphous alloy catalysts on Ni foam for a gas□quid□olid microreactor. *Catalysis Science and Technology*, **2020**, 10, 1933-1940	5.5	2
203	Stereoselective synthesis of amino-substituted cyclopentafullerenes promoted by magnesium perchlorate/ferric perchlorate. *Organic and Biomolecular Chemistry*, **2020**, 18, 964-974	3.9	5

202	Simultaneous detection of TNOS and P35S in transgenic soybean based on magnetic bicolor fluorescent probes. *Talanta*, **2020**, 212, 120764	6.2	3
201	Core-shell LaFeO3@g-C3N4 p-n heterostructure with improved photoelectrochemical performance for fabricating streptomycin aptasensor. *Applied Surface Science*, **2020**, 511, 145571	6.7	19
200	Asymmetric Guerbet Reaction to Access Chiral Alcohols. *Angewandte Chemie*, **2020**, 132, 11505-11512	3.6	12
199	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	11.8	26
198	Highly active metal-free peroxidase mimics based on oxygen-doped carbon nitride by promoting electron transfer capacity. *Chemical Communications*, **2020**, 56, 1409-1412	5.8	13
197	A portable solar-driven ratiometric photo-electrochromic visualization biosensor for detection of ochratoxin A. *Sensors and Actuators B: Chemical*, **2020**, 306, 127594	8.5	21
196	Ultrasensitive and visible light-responsive photoelectrochemical aptasensor for edifenphos based on Zinc phthalocyanine sensitized MoS nanosheets. *Biosensors and Bioelectronics*, **2020**, 150, 111867	11.8	29
195	Occupational benzene exposure and the risk of genetic damage: a systematic review and meta-analysis. *BMC Public Health*, **2020**, 20, 1113	4.1	5
194	Ternary Z-scheme heterojunction of Bi SPR-promoted BiVO/g-CN with effectively boosted photoelectrochemical activity for constructing oxytetracycline aptasensor. *Biosensors and Bioelectronics*, **2020**, 166, 112453	11.8	21
193	Thermally responsive AIE-active polyurethanes based on a tetraaniline derivative.. *RSC Advances*, **2020**, 10, 41424-41429	3.7	3
192	One-pot hydrothermal preparation of B and N co-doped graphene aerogels loaded with cobalt oxides for the synergistic enhancement of oxygen reduction electrocatalysis. *Journal of Electroanalytical Chemistry*, **2020**, 877, 114555	4.1	8
191	Accurately monitoring of sulfur dioxide derivatives in agricultural crop leaf tissues by a novel sensing system. *Sensors and Actuators B: Chemical*, **2020**, 323, 128711	8.5	5
190	Gold nanoparticles mediated designing of versatile aptasensor for colorimetric/electrochemical dual-channel detection of aflatoxin B1. *Biosensors and Bioelectronics*, **2020**, 166, 112443	11.8	28
189	Controlling over the terminal functionalities of thiol-capped CdZnTe QDs to develop fluorescence nanosensor for selective discrimination and determination of Fe(II) ions. *Sensors and Actuators B: Chemical*, **2020**, 322, 128636	8.5	12
188	Anti-Markovnikov Hydroamination of Racemic Allylic Alcohols to Access Chiral β-Amino Alcohols. *Angewandte Chemie - International Edition*, **2020**, 59, 21959-21964	16.4	14
187	Interfacial Engineering of Bimetallic Carbide and Cobalt Encapsulated in Nitrogen-Doped Carbon Nanotubes for Electrocatalytic Oxygen Reduction. *ChemSusChem*, **2020**, 13, 5539-5548	8.3	7
186	Anti-Markovnikov Hydroamination of Racemic Allylic Alcohols to Access Chiral β-Amino Alcohols. *Angewandte Chemie*, **2020**, 132, 22143-22148	3.6	3
185	The solid-state in situ construction of Cu2O/CuO heterostructures with adjustable phase compositions to promote CO oxidation activity. *CrystEngComm*, **2020**, 22, 7808-7815	3.3	3

184	Robust Conformal Perfect Absorber Involving Lossy Ultrathin Film. *Photonics*, **2020**, 7, 57	2.2	1
183	Portable Photoelectrochromic Visualization Sensor for Detection of Chemical Oxygen Demand. *Analytical Chemistry*, **2020**, 92, 13604-13609	7.8	12
182	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	8.5	23
181	Electroacupuncture Ameliorates Acute Myocardial Ischemia: A Potential Role of the Locus Coeruleus. *Evidence-based Complementary and Alternative Medicine*, **2020**, 2020, 4298657	2.3	4
180	Asymmetric Guerbet Reaction to Access Chiral Alcohols. *Angewandte Chemie - International Edition*, **2020**, 59, 11408-11415	16.4	27
179	Visible light-driven photoelectrochemical ampicillin aptasensor based on an artificial Z-scheme constructed from Ru(bpy)-sensitized BiOI microspheres. *Biosensors and Bioelectronics*, **2020**, 173, 112771	11.8	12
178	An ultrasensitive electrochemical biosensor for detection of microRNA-21 based on redox reaction of ascorbic acid/iodine and duplex-specific nuclease assisted target recycling. *Biosensors and Bioelectronics*, **2019**, 130, 81-87	11.8	38
177	A universal photoelectrochemical biosensor for dual microRNA detection based on two CdTe nanocomposites. *Journal of Materials Chemistry B*, **2019**, 7, 1133-1141	7.3	18
176	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	7.8	27
175	Systematic oligoaniline-based derivatives: ACQ/AIE conversion with a tunable insertion effect and quantitative fluorescence turn-on detection of BSA. *Materials Chemistry Frontiers*, **2019**, 3, 331-338	7.8	26
174	Visualization of two-phase reacting flow behavior in a gas–liquid–solid microreactor. *Reaction Chemistry and Engineering*, **2019**, 4, 715-723	4.9	5
173	Construction of a fluorescent probe for selectively detecting singlet oxygen with a high sensitivity and large concentration range based on a two-step cascade sensing reaction. *Chemical Communications*, **2019**, 55, 8462-8465	5.8	14
172	Determination of Cyanide in Water and Food Samples Using an Efficient Naphthalene-Based Ratiometric Fluorescent Probe. *ACS Omega*, **2019**, 4, 10784-10790	3.9	23
171	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	7.8	25
170	An Attempt of Using β-Sitosterol-Corn Oil Oleogels to Improve Water Barrier Properties of Gelatin Film. *Journal of Food Science*, **2019**, 84, 1447-1455	3.4	4
169	In Situ Synthesis of a Multilayered (PSS-PAH-Pd)n Catalytic Hybrid Film Synthesized by the Layer-by-Layer Self-Assembly. *Industrial & Engineering Chemistry Research*, **2019**, 58, 9038-9047	3.9	3
168	Electrochemical Biosensor Based on Tetrahedral DNA Nanostructures and G-Quadruplex-Hemin Conformation for the Ultrasensitive Detection of MicroRNA-21 in Serum. *Analytical Chemistry*, **2019**, 91, 7353-7359	7.8	60
167	A Green, Simple, and Rapid Detection for Amaranth in Candy Samples Based on the Fluorescence Quenching of Nitrogen-Doped Graphene Quantum Dots. *Food Analytical Methods*, **2019**, 12, 1658-1665	3.4	18

166	Overexpression of a -Adenosylmethionine Decarboxylase from Sugar Beet M14 Increased Salt Tolerance. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
165	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	3.6	16
164	Oxygen vacancy enhanced photoelectrochemical performance of BiMoO/B, N co-doped graphene for fabricating lincomycin aptasensor. *Biosensors and Bioelectronics*, **2019**, 135, 145-152	11.8	29
163	Sub-millimeter surgical margin is acceptable in patients with good tumor biology after liver resection for colorectal liver metastases. *European Journal of Surgical Oncology*, **2019**, 45, 1551-1558	3.6	8
162	Mechano-fluorochromic behavior of AEE polyurethane films and their high sensitivity to halogen acid gas.. *RSC Advances*, **2019**, 9, 9517-9521	3.7	5
161	Optimum Balance of Cu+ and Oxygen Vacancies of CuOx-CeO2 Composites for CO Oxidation Based on Thermal Treatment. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1714-1723	2.3	17
160	A competitive immunosensor for ultrasensitive detection of sulphonamides from environmental waters using silver nanoparticles decorated single-walled carbon nanohorns as labels. *Chemosphere* , **2019**, 225, 282-287	8.4	18
159	A facile design for multifunctional AIEgen based on tetraaniline derivatives. *Science China Chemistry* , **2019**, 62, 732-738	7.9	7
158	Design and construction of Z-scheme BiS/nitrogen-doped graphene quantum dots: Boosted photoelectric conversion efficiency for high-performance photoelectrochemical aptasensing of sulfadimethoxine. *Biosensors and Bioelectronics*, **2019**, 130, 230-235	11.8	42
157	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. *Sensors and Actuators B: Chemical*, **2019**, 299, 126834	8.5	16
156	Nomogram predicted disease free survival for colorectal liver metastasis patients with preoperative chemotherapy followed by hepatic resection. *European Journal of Surgical Oncology*, **2019**, 45, 2070-2077	3.6	14
155	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	5.7	35
154	Genome-Wide Identification and Characterization of JAZ Protein Family in Two Progenitors. *Plants*, **2019**, 8,	4.5	6
153	New Micro- and Nanotechnologies for Electrochemical Biosensor Development **2019**, 279-313		1
152	A nitro-capped tetraaniline derivative with AIE features for BSA detection and the selective imaging of Gram-positive bacteria. *New Journal of Chemistry*, **2019**, 43, 11816-11820	3.6	8
151	Fibrinogen-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	3.1	24
150	Electrochemical immunosensor based on Ag-dependent CTAB-AuNPs for ultrasensitive detection of sulfamethazine. *Biosensors and Bioelectronics*, **2019**, 144, 111643	11.8	14
149	Recent developments of photoelectrochemical biosensors for food analysis. *Journal of Materials Chemistry B*, **2019**, 7, 7283-7300	7.3	41

148	MoS/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	11.8	40
147	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	8.3	16
146	Construction of a Novel Fluorescent Probe for On-site Measuring Hydrogen Sulfide Levels in Food Samples. *Food Analytical Methods*, **2019**, 12, 852-858	3.4	23
145	A modified staging of early and intermediate hepatocellular carcinoma based on single tumour >7 cm and multiple tumours beyond up-to-seven criteria. *Alimentary Pharmacology and Therapeutics* , **2019**, 49, 202-210	6.1	12
144	A novel electrochemical immunosensor based on catalase functionalized AuNPs-loaded self-assembled polymer nanospheres for ultrasensitive detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether. *Analytica Chimica Acta*, **2019**, 1048, 50-57	6.6	16
143	Postoperative adjuvant transcatheter arterial chemoembolization should be considered selectively in patients who have hepatocellular carcinoma with microvascular invasion. *Hpb*, **2019**, 21, 425-433	3.8	25
142	Perovskite-type BiFeO/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	11.8	62
141	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	6.6	29
140	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	8.5	31
139	A sensitive Potentiometric resolved ratiometric Photoelectrochemical aptasensor for Escherichia coli detection fabricated with non-metallic nanomaterials. *Biosensors and Bioelectronics*, **2018**, 106, 57-63	11.8	64
138	The impact of primary tumour location in patients undergoing hepatic resection for colorectal liver metastasis. *European Journal of Surgical Oncology*, **2018**, 44, 771-777	3.6	24
137	Magnetically controlled fluorescence aptasensor for simultaneous determination of ochratoxin A and aflatoxin B1. *Analytica Chimica Acta*, **2018**, 1019, 119-127	6.6	55
136	Facile one-pot synthesis of visible light-responsive BiPO/nitrogen doped graphene hydrogel for fabricating label-free photoelectrochemical tetracycline aptasensor. *Biosensors and Bioelectronics*, **2018**, 111, 131-137	11.8	65
135	On Full Duplex Scheduling for Energy Efficiency Maximization in Multi-Hop Wireless Networks. *IEEE Access*, **2018**, 6, 2604-2614	3.5	4
134	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	7.8	34
133	Bifunctional Fluorescent Probe for Sequential Sensing of Thiols and Primary Aliphatic Amines in Distinct Fluorescence Channels. *Chemistry - an Asian Journal*, **2018**, 13, 560-567	4.5	2
132	A Mitochondria-Specific Fluorescent Probe for Visualizing Endogenous Hydrogen Cyanide Fluctuations in Neurons. *Journal of the American Chemical Society*, **2018**, 140, 1870-1875	16.4	114
131	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	8.5	26

130	Fabrication of magnetically assembled aptasensing device for label-free determination of aflatoxin B1 based on EIS. *Biosensors and Bioelectronics*, **2018**, 108, 69-75	11.8	61
129	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. *Biosensors and Bioelectronics*, **2018**, 105, 77-80	11.8	18
128	A rapid approach to assess cardiac contractility by ballistocardiogram and electrocardiogram. *Biomedizinische Technik*, **2018**, 63, 113-122	1.3	8
127	Knowledge based differential evolution for cloud computing service composition. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 9, 565-574	3.7	18
126	Multiple signal-amplification via Ag and TiO decorated 3D nitrogen doped graphene hydrogel for fabricating sensitive label-free photoelectrochemical thrombin aptasensor. *Biosensors and Bioelectronics*, **2018**, 101, 14-20	11.8	100
125	V-modified Co3O4 nanorods with superior catalytic activity and thermostability for CO oxidation. *CrystEngComm*, **2018**, 20, 5191-5199	3.3	11
124	Spatial receptive field shift by preceding cross-modal stimulation in the cat superior colliculus. *Journal of Physiology*, **2018**, 596, 5033-5050	3.9	1
123	Pavement Distress Detection Based on Transfer Learning **2018**,		16
122	A Sunlight Powered Portable Photoelectrochemical Biosensor Based on a Potentiometric Resolve Ratiometric Principle. *Analytical Chemistry*, **2018**, 90, 13207-13211	7.8	35
121	A pH-Resolved Colorimetric Biosensor for Simultaneous Multiple Target Detection. *ACS Sensors*, **2018**, 3, 2159-2165	9.2	38
120	Boron and nitrogen co-doped graphene aerogels: Facile preparation, tunable doping contents and bifunctional oxygen electrocatalysis. *Carbon*, **2018**, 137, 458-466	10.4	59
119	CeO 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	11.8	37
118	Mechanical and barrier properties of maize starch-gelatin composite films: effects of amylose content. *Journal of the Science of Food and Agriculture*, **2017**, 97, 3613-3622	4.3	30
117	Gold nanrods plasmon-enhanced photoelectrochemical aptasensing based on hematite/N-doped graphene films for ultrasensitive analysis of 17β-estradiol. *Biosensors and Bioelectronics*, **2017**, 91, 706-713	11.8	68
116	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. *Biosensors and Bioelectronics*, **2017**, 92, 26-32	11.8	39
115	Green solid-state synthesis and photocatalytic hydrogen production activity of anatase TiO2 nanoplates with super heat-stability. *RSC Advances*, **2017**, 7, 11827-11833	3.7	19
114	Effect of photochemical UV/riboflavin-mediated cross-links on different properties of fish gelatin films. *Journal of Food Process Engineering*, **2017**, 40, e12536	2.4	8
113	One-step hydrothermal treatment to fabricate BiWO-reduced graphene oxide nanocomposites for enhanced visible light photoelectrochemical performance. *Journal of Materials Chemistry B*, **2017**, 5, 3718-3727	7.3	24

112	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	8.5	31
111	Engineering of Heterojunction-Mediated Biointerface for Photoelectrochemical Aptasensing: Case of Direct Z-Scheme CdTe-BiS Heterojunction with Improved Visible-Light-Driven Photoelectrical Conversion Efficiency. *ACS Applied Materials & Interfaces*, **2017**, 9, 18369-18376	9.5	79
110	Three-dimensional nitrogen-doped graphene porous hydrogel fabricated biosensing platform with enhanced photoelectrochemical performance. *Sensors and Actuators B: Chemical*, **2017**, 250, 476-483	8.5	43
109	Solvent-Free Chemical Approach to Synthesize Various Morphological CoO for CO Oxidation. *ACS Applied Materials & Interfaces*, **2017**, 9, 16128-16137	9.5	97
108	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	8.5	53
107	AgBr nanoparticles/3D nitrogen-doped graphene hydrogel for fabricating all-solid-state luminol-electrochemiluminescence Escherichia coli aptasensors. *Biosensors and Bioelectronics*, **2017** , 97, 377-383	11.8	81
106	A facile strategy to construct pure thiophene-sulfur-doped graphene/ZnO nanoplates sensitized structure for fabricating a novel □n-off-on□switch photoelectrochemical aptasensor. *Sensors and Actuators B: Chemical*, **2017**, 251, 99-107	8.5	19
105	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	5.8	27
104	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	7.1	21
103	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	3.8	23
102	New Insights toward Efficient Charge-Separation Mechanism for High-Performance Photoelectrochemical Aptasensing: Enhanced Charge-Carrier Lifetime via Coupling Ultrathin MoS Nanoplates with Nitrogen-Doped Graphene Quantum Dots. *Analytical Chemistry*, **2017**, 89, 4525-4531	7.8	68
101	A potentiometric resolved ratiometric photoelectrochemical aptasensor. *Chemical Communications*, **2017**, 53, 5810-5813	5.8	49
100	A highly sensitive signal-amplified gold nanoparticle-based electrochemical immunosensor for dibutyl phthalate detection. *Biosensors and Bioelectronics*, **2017**, 91, 199-202	11.8	38
99	Determination of pentachlorophenol by anodic electrochemiluminescence of Ru(bpy)32+ based on nitrogen-doped graphene quantum dots as co-reactant. *RSC Advances*, **2017**, 7, 50634-50642	3.7	18
98	In situ solid-state fabrication of hybrid AgCl/AgI/AgIO with improved UV-to-visible photocatalytic performance. *Scientific Reports*, **2017**, 7, 12365	4.9	12
97	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	5.8	26
96	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. *ACS Applied Materials & Interfaces*, **2017**, 9, 38832-38841	9.5	92
95	Long-term postoperative survival prediction in patients with colorectal liver metastasis. *Oncotarget* , **2017**, 8, 79927-79934	3.3	25

94	Design of a Dual Channel Self-Reference Photoelectrochemical Biosensor. *Analytical Chemistry*, **2017**, 89, 10133-10136	7.8	73
93	Non-light-driven reduced graphene oxide anchored TiO nanocatalysts with enhanced catalytic oxidation performance. *Journal of Colloid and Interface Science*, **2017**, 507, 35-41	9.3	10
92	Role of intrinsic hydrogen bonds in the assembly of perylene imide derivatives in solution and at the liquid-solid interface. *Physical Chemistry Chemical Physics*, **2017**, 19, 23007-23014	3.6	9
91	Impact of Linear Alkyl Length on the Assembly of Twisted Perylene Bisimides: From Molecular Arrangement to Nanostructures. *Chemistry - an Asian Journal*, **2017**, 12, 2827-2833	4.5	4
90	Synergy effect of specific electrons and surface plasmonic resonance enhanced visible-light photoelectrochemical sensing for sensitive analysis of the CaMV 35S promoter. *Journal of Materials Chemistry B*, **2017**, 5, 8999-9005	7.3	12
89	Dual signal amplification coupling dual inhibition effect for fabricating photoelectrochemical chlorpyrifos biosensor. *Sensors and Actuators B: Chemical*, **2017**, 238, 239-248	8.5	32
88	Fabrication of acid-swollen collagen fiber-based composite films: Effect of nano-hydroxyapatite on packaging related properties. *International Journal of Food Properties*, **2017**, 20, 968-978	3	5
87	Polyurethanes with aggregation-enhanced emission characteristics: preparation and properties. *Faraday Discussions*, **2017**, 196, 43-54	3.6	6
86	Ultrafine □Fe2O3 nanocrystals anchored on N-doped graphene: a nanomaterial with long hole diffusion length and efficient visible light-excited charge separation for use in photoelectrochemical sensing. *Mikrochimica Acta*, **2017**, 184, 137-145	5.8	10
85	Mechanical properties and solubility in water of corn starch-collagen composite films: Effect of starch type and concentrations. *Food Chemistry*, **2017**, 216, 209-16	8.5	79
84	Performance of high amylose starch-composited gelatin films influenced by gelatinization and concentration. *International Journal of Biological Macromolecules*, **2017**, 94, 258-265	7.9	61
83	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	11.8	85
82	Investigation on electrical tree propagation in polyethylene based on etching method. *AIP Advances*, **2017**, 7, 115012	1.5	1
81	Survival prediction in patients with resectable colorectal liver metastases: Clinical risk scores and tumor response to chemotherapy. *Oncology Letters*, **2017**, 14, 8051-8059	2.6	9
80	Photoelectrochemical CaMV35S biosensor for discriminating transgenic from non-transgenic soybean based on SiO@CdTe quantum dots core-shell nanoparticles as signal indicators. *Talanta*, **2016**, 161, 211-218	6.2	25
79	Energy big data: A survey. *IEEE Access*, **2016**, 4, 3844-3861	3.5	183
78	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	6.7	44
77	One-pot hydrothermal synthesis of platinum nanoparticle-decorated three-dimensional nitrogen-doped graphene aerogel as a highly efficient electrocatalyst for methanol oxidation. *RSC Advances*, **2016**, 6, 69973-69976	3.7	9

76	A homogeneous assay for highly sensitive detection of CaMV35S promoter in transgenic soybean by fluorescence resonance energy transfer between nitrogen-doped graphene quantum dots and Ag nanoparticles. *Analytica Chimica Acta*, **2016**, 948, 90-97	6.6	19
75	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. *Sensors and Actuators B: Chemical*, **2016**, 235, 647-654	8.5	50
74	Hepatic resection provided long-term survival for patients with intermediate and advanced-stage resectable hepatocellular carcinoma. *World Journal of Surgical Oncology*, **2016**, 14, 62	3.4	27
73	Autocrine Complement Inhibits IL10-Dependent T-cell-Mediated Antitumor Immunity to Promote Tumor Progression. *Cancer Discovery*, **2016**, 6, 1022-35	24.4	82
72	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	10.4	71
71	Preparation and Characterization of Fe2O3 Nanoparticles by Solid-Phase Method and Its Hydrogen Peroxide Sensing Properties. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 1069-1077	8.3	48
70	Colorimetric aptasensing of ochratoxin A using Au@Fe3O4 nanoparticles as signal indicator and magnetic separator. *Biosensors and Bioelectronics*, **2016**, 77, 1183-91	11.8	122
69	Highly sensitive and simultaneous electrochemical determination of 2-aminophenol and 4-aminophenol based on poly(l-arginine)-cyclodextrin/carbon nanotubes@graphene nanoribbons modified electrode. *Biosensors and Bioelectronics*, **2016**, 77, 353-8	11.8	54
68	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	10.4	85
67	Role of a liver-first approach for synchronous colorectal liver metastases. *World Journal of Gastroenterology*, **2016**, 22, 2126-32	5.6	7
66	Copper(I) oxide nanospheres decorated with graphene quantum dots display improved electrocatalytic activity for enhanced luminol electrochemiluminescence. *Mikrochimica Acta*, **2016**, 183, 1591-1599	5.8	12
65	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	11.8	66
64	Recent development of electrochemiluminescence sensors for food analysis. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 7035-48	4.4	52
63	One-pot hydrothermal route to fabricate nitrogen doped graphene/Ag-TiO2: Efficient charge separation, and high-performance "on-off-on" switch system based photoelectrochemical biosensing. *Biosensors and Bioelectronics*, **2016**, 83, 149-55	11.8	43
62	Building a Three-Dimensional Nano-Bio Interface for Aptasensing: An Analytical Methodology Based on Steric Hindrance Initiated Signal Amplification Effect. *Analytical Chemistry*, **2016**, 88, 9622-9629	7.8	44
61	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	6.6	25
60	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, 3093-100	9.5	95
59	The preparation of Fe2O3 nanoparticles by liquid phase-based ultrasonic-assisted method and its application as enzyme-free sensor for the detection of H2O2. *RSC Advances*, **2015**, 5, 21161-21169	3.7	24

58	An ON(1)-OFF-ON(2) electrochemiluminescence response: combining the intermolecular specific binding with a radical scavenger. *Chemical Communications*, **2015**, 51, 11236-9	5.8	19
57	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, 6404-11	5	65
56	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	11.8	37
55	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, 122-9	11.8	107
54	Laboratory evaluation of aqueous leaf extract of Tephrosia vogelii against larvae of Aedes albopictus (Diptera: Culicidae) and non-target aquatic organisms. *Acta Tropica*, **2015**, 146, 36-41	3.2	8
53	Magnetic-fluorescent-targeting multifunctional aptasensorfor highly sensitive and one-step rapid detection of ochratoxin A. *Biosensors and Bioelectronics*, **2015**, 68, 783-790	11.8	83
52	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, 26865-73	9.5	80
51	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, 173-81	6.6	40
50	A FRET-based ratiometric fluorescent aptasensor for rapid and onsite visual detection of ochratoxin A. *Analyst, The*, **2015**, 140, 7434-42	5	41
49	Fabrication of graphene oxide decorated with nitrogen-doped graphene quantum dots and its enhanced electrochemiluminescence for ultrasensitive detection of pentachlorophenol. *Analyst, The*, **2015**, 140, 1253-9	5	46
48	"Signal on" electrochemiluminescence pentachlorophenol sensor based on luminol-MWCNTs@graphene oxide nanoribbons system. *Talanta*, **2015**, 134, 448-452	6.2	15
47	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	11.8	69
46	Visible light photoelectrochemical sensor for ultrasensitive determination of dopamine based on synergistic effect of graphene quantum dots and TiO2 nanoparticles. *Analytica Chimica Acta*, **2015**, 853, 258-264	6.6	122
45	Enhanced electrochemiluminescence sensing platform using nitrogen-doped graphene as a novel two-dimensional mat of silver nanoparticles. *Talanta*, **2015**, 132, 146-9	6.2	10
44	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	11.8	103
43	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	13	64
42	Application of intra-molecular fluorescence complementation in the topology examination of polytopic proteins in living cells. *Acta Biochimica Et Biophysica Sinica*, **2015**, 47, 654-6	2.8	
41	Flavin mononucleotide (FMN)-based fluorescent protein (FbFP) as reporter for promoter screening in Clostridium cellulolyticum. *Journal of Microbiological Methods*, **2015**, 119, 37-43	2.8	23

40	Development of gold nanoparticle based colorimetric method for quantitatively studying the inhibitors of Cu(2+)/Zn(2+) induced □amyloid peptide assembly. *Analytica Chimica Acta*, **2015**, 858, 42-8	6.6	7
39	Label-free colorimetric aptasensor for sensitive detection of ochratoxin A utilizing hybridization chain reaction. *Analytica Chimica Acta*, **2015**, 860, 83-8	6.6	74
38	An Improved Routing Algorithm Based on Social Link Awareness in Delay Tolerant Networks. *Wireless Personal Communications*, **2014**, 75, 397-414	1.9	15
37	Effect of two formulations on the decline curves and residue levels of rotenone in cabbage and soil under field conditions. *Ecotoxicology and Environmental Safety*, **2014**, 104, 23-7	7	12
36	□Fe2O3 cubes with high visible-light-activated photoelectrochemical activity towards glucose: hydrothermal synthesis assisted by a hydrophobic ionic liquid. *Chemistry - A European Journal*, **2014**, 20, 2244-53	4.8	58
35	Amplified impedimetric aptasensor based on gold nanoparticles covalently bound graphene sheet for the picomolar detection of ochratoxin A. *Analytica Chimica Acta*, **2014**, 806, 128-35	6.6	108
34	Ultrasensitive electrochemical aptasensor for ochratoxin A based on two-level cascaded signal amplification strategy. *Bioelectrochemistry*, **2014**, 96, 7-13	5.6	61
33	Enhanced non-enzymatic glucose sensing based on copper nanoparticles decorated nitrogen-doped graphene. *Biosensors and Bioelectronics*, **2014**, 54, 273-8	11.8	192
32	Reactable ionic liquid assisted preparation of porous Co3O4 nanostructures with enhanced supercapacitive performance. *CrystEngComm*, **2014**, 16, 2395	3.3	28
31	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. *Analyst, The*, **2014**, 139, 1121-6	5	27
30	Graphitic Carbon Nitride Nanorods for Photoelectrochemical Sensing of Trace Copper(II) Ions. *European Journal of Inorganic Chemistry*, **2014**, 2014, 3665-3673	2.3	44
29	Sensitive electrochemical sensing for polycyclic aromatic amines based on a novel core-shell multiwalled carbon nanotubes@ graphene oxide nanoribbons heterostructure. *Analytica Chimica Acta*, **2014**, 845, 30-7	6.6	40
28	A Highly Sensitive Carbendazim Sensor Based on Electrochemically Reduced Graphene Oxide. *Electrochemistry*, **2014**, 82, 1061-1066	1.2	7
27	Insecticidal, fumigant, and repellent activities of sweet wormwood oil and its individual components against red imported fire ant workers (Hymenoptera: Formicidae). *Journal of Insect Science*, **2014**, 14,	2	12
26	An Efficient Palladium-Catalyzed Synthesis of Cinnamyl Ethers from Aromatic Halides, Phenols, and Allylic Chloride. *Advanced Synthesis and Catalysis*, **2014**, 356, 616-622	5.6	7
25	Preparation of hierarchical mesoporous Co3O4 bundle using [Bmim]TA as a multi-role starting material and its supercapacitor application. *Monatshefte F□ Chemie*, **2014**, 145, 19-22	1.4	7
24	Polyoxometalate@magnetic graphene as versatile immobilization matrix of Ru(bpy)3(2+) for sensitive magneto-controlled electrochemiluminescence sensor and its application in biosensing. *Biosensors and Bioelectronics*, **2014**, 57, 149-56	11.8	30
23	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	3.2	45

22	One-pot synthesis of CdxZn1−xS reduced graphene oxide nanocomposites with improved photoelectrochemical performance for selective determination of Cu2+. *RSC Advances*, **2013**, 3, 14451	3.7	34
21	An Easily Prepared Tetraphosphine and Its Use in the Palladium-Catalyzed Suzuki–Miyaura Coupling of Aryl Chlorides. *Catalysis Letters*, **2013**, 143, 1214-1219	2.8	6
20	Synthesis and characterization of CeO2/g-C3N4 composites with enhanced visible-light photocatatalytic activity. *RSC Advances*, **2013**, 3, 22269	3.7	136
19	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	11.3	37
18	Tetraphosphine/palladium-catalyzed Suzuki–Miyaura coupling of heteroaryl halides with 3-pyridine- and 3-thiopheneboronic acid: an efficient catalyst for the formation of biheteroaryls. *Applied Organometallic Chemistry*, **2013**, 27, 232-238	3.1	11
17	Preparation of 1D CuO Nanorods by Means of a Metal Ion Containing Ionic Liquid and Their Supercapacitance. *European Journal of Inorganic Chemistry*, **2013**, 2013, 2315-2323	2.3	19
16	An improved BP algorithm over out-of-order streams for big data **2013**,		1
15	Ultrasensitive photoelectrochemical sensing of nicotinamide adenine dinucleotide based on graphene-TiO2 nanohybrids under visible irradiation. *Analytica Chimica Acta*, **2012**, 745, 131-6	6.6	65
14	Palladium-catalyzed Suzuki–Miyaura coupling with aryl and heteroaryl bromides using N,N,N?,N?-tetra(diphenylphosphinomethyl)-1,2-ethylenediamine. *Applied Organometallic Chemistry*, **2012**, 26, 342-346	3.1	15
13	One-dimensional α-Ni(OH)2 nanostructures: Ionic liquid etching synthesis, formation mechanism, and application for electrochemical capacitors. *CrystEngComm*, **2011**, 13, 7108	3.3	34
12	Enhanced direct electrochemistry of glucose oxidase and biosensing for glucose via synergy effect of graphene and CdS nanocrystals. *Biosensors and Bioelectronics*, **2011**, 26, 2252-7	11.8	189
11	Ionic Liquid Assisted Solvothermal Synthesis of Cu Polyhedron-Pattern Nanostructures and Their Application as Enhanced Nanoelectrocatalysts for Glucose Detection. *European Journal of Inorganic Chemistry*, **2011**, 2011, 1361-1365	2.3	19
10	Electrodeposition of unsubstituted iron phthalocyanine nano-structure film in a functionalized ionic liquid and its electrocatalytic and electroanalysis applications. *Analyst, The*, **2011**, 136, 4344-9	5	11
9	TiO2-decorated graphene nanohybrids for fabricating an amperometric acetylcholinesterase biosensor. *Analyst, The*, **2011**, 136, 3349-54	5	81
8	A highly sensitive and rapid organophosphate biosensor based on enhancement of CdS-decorated graphene nanocomposite. *Analytica Chimica Acta*, **2011**, 695, 84-8	6.6	105
7	Graphene enhanced electrochemiluminescence of CdS nanocrystal for H2O2 sensing. *Talanta*, **2010**, 82, 372-6	6.2	109
6	3D nanostructured Ni(OH)2 microspheres as an efficient immobilization matrix of Ru(bpy)3(2+) for high-performance electrochemiluminescence sensor. *Talanta*, **2010**, 82, 1068-71	6.2	4
5	Photocatalytic degradation of methylene blue on magnetically separable FePc/Fe3O4 nanocomposite under visible irradiation. *Pure and Applied Chemistry*, **2009**, 81, 2327-2335	2.1	37

4	Controlled growth of BaMoO4 hierarchical superstructures in functionalized ionic liquids. *Pure and Applied Chemistry*, **2009**, 81, 2355-2367	2.1	2
3	Synthesis, characterization, and bioactivities of copper complexes with N-substituted Di(picolyl)amines. *Transition Metal Chemistry*, **2009**, 34, 337-345	2.1	21
2	Turning on High-Sensitive Organic Electrochemical Transistor-Based Photoelectrochemical-Type Sensor over Modulation of Fe-MOF by PEDOT. *Advanced Functional Materials*,2202735	15.6	5
1	Simulation design of natural enzyme binding pocket structure in MOFs for enhanced catalytic activity. *Chemical Communications*,	5.8	