

# Lin Tang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/955487/lin-tang-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

352  
papers

19,369  
citations

79  
h-index

127  
g-index

366  
ext. papers

24,349  
ext. citations

8.7  
avg, IF

7.2  
L-index

#	Paper	IF	Citations
352	Enhanced electro-oxidation performance of FeCoLDH to organic pollutants using hydrophilic structure.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 430, 128464	12.8	3
351	Non-radical oxidation in environmental catalysis: Recognition, identification, and perspectives. <i>Chemical Engineering Journal</i> , <b>2022</b> , 433, 134385	14.7	1
350	Metal-organic frameworks (MOFs) and their derivatives as emerging catalysts for electro-Fenton process in water purification. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 451, 214277	23.2	12
349	Rhizobium rhizogenes-mediated root proliferation in Cd/Zn hyperaccumulator <i>Sedum alfredii</i> and its effects on plant growth promotion, root exudates and metal uptake efficiency. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127442	12.8	3
348	A flexible photoelectrochemical aptasensor using heterojunction architecture of FeO/d-CN for ultrasensitive detection of penbritin. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 197, 113734	11.8	0
347	Tube wall delamination engineering induces photogenerated carrier separation to achieve photocatalytic performance improvement of tubular g-CN. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127177	12.8	17
346	A novel electrocatalytic system with high reactive chlorine species utilization capacity to degrade tetracycline in marine aquaculture wastewater.. <i>Chemosphere</i> , <b>2022</b> , 134449	8.4	0
345	Study on the Coevolution Mechanism of Slope and Prevention Structures under Rainfall. <i>Geofluids</i> , <b>2022</b> , 2022, 1-14	1.5	0
344	Effect of CuO/ZnO/FTO electrode properties on the performance of a photo-assisted microbial fuel cell sensor for the detection of heavy metals.. <i>Chemosphere</i> , <b>2022</b> , 134779	8.4	0
343	The effects of biochar on antibiotic resistance genes (ARGs) removal during different environmental governance processes: A review. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 435, 129067	12.8	0
342	A Self-Powered Photoelectrochemical Aptasensor Based on Dual-Photoelectrode Photofuel Cell for Chloramphenicol Detection. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 132144	8.5	0
341	Construction of BiWO/CoAl-LDHs S-scheme heterojunction with efficient photo-Fenton-like catalytic performance: Experimental and theoretical studies. <i>Chemosphere</i> , <b>2021</b> , 291, 133001	8.4	1
340	Structural and Functional Alterations of Gut Microbiota in Males With Hyperuricemia and High Levels of Liver Enzymes. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 779994	4.9	3
339	Organic/inorganic amendments for the remediation of a red paddy soil artificially contaminated with different cadmium levels: Leaching, speciation, and phytoavailability tests. <i>Journal of Environmental Management</i> , <b>2021</b> , 114148	7.9	2
338	A strategy to improve electrochemical water oxidation of FeOOH by modulating the electronic structure. <i>Applied Materials Today</i> , <b>2021</b> , 25, 101252	6.6	1
337	Distinct Polarization Dynamics of Microglia and Infiltrating Macrophages: A Novel Mechanism of Spinal Cord Ischemia/Reperfusion Injury. <i>Journal of Inflammation Research</i> , <b>2021</b> , 14, 5227-5239	4.8	3
336	Tailoring biochar for persulfate-based environmental catalysis: Impact of biomass feedstocks. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127663	12.8	6

335	Recent advances in waste water treatment through transition metal sulfides-based advanced oxidation processes. <i>Water Research</i> , <b>2021</b> , 192, 116850	12.5	48
334	Unique MIL-53(Fe)/PDI Supermolecule Composites: Z-Scheme Heterojunction and Covalent Bonds for Uprating Photocatalytic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 16364-16373	9.5	9
333	Ameliorative role of SIRT1 in peritoneal fibrosis: an in vivo and in vitro study. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 79	9.8	2
332	Activation of the NLRC4 inflammasome in renal tubular epithelial cell injury in diabetic nephropathy. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 814	2.1	4
331	Self-Powered Photoelectrochemical Aptasensor for Oxytetracycline Cathodic Detection Based on a Dual Z-Scheme WO <sub>3</sub> /g-CN/MnO Photoanode. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9129-9138	7.8	19
330	Inflammatory tumor microenvironment responsive neutrophil exosomes-based drug delivery system for targeted glioma therapy. <i>Biomaterials</i> , <b>2021</b> , 273, 120784	15.6	29
329	Activation of peroxymonosulfate by biochar-based catalysts and applications in the degradation of organic contaminants: A review. <i>Chemical Engineering Journal</i> , <b>2021</b> , 416, 128829	14.7	59
328	The mechanism and application of bidirectional extracellular electron transport in the field of energy and environment. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2021</b> , 51, 1924-1969	11.1	8
327	Visible light-activated self-powered photoelectrochemical aptasensor for ultrasensitive chloramphenicol detection based on DFT-proved Z-scheme AgCrO <sub>2</sub> /g-CN/graphene oxide. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123395	12.8	29
326	In-situ self-assembly construction of hollow tubular g-CN isotype heterojunction for enhanced visible-light photocatalysis: Experiments and theories. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123355	12.8	83
325	Insight into the key factors in fast adsorption of organic pollutants by hierarchical porous biochar. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123610	12.8	29
324	The reduction of nitrobenzene by extracellular electron transfer facilitated by Fe-bearing biochar derived from sewage sludge. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123682	12.8	23
323	Recent advances of melamine self-assembled graphitic carbon nitride-based materials: Design, synthesis and application in energy and environment. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126951	14.7	60
322	A novel sulfur-assisted annealing method of g-C <sub>3</sub> N <sub>4</sub> nanosheet compensates for the loss of light absorption with further promoted charge transfer for photocatalytic production of H <sub>2</sub> and H <sub>2</sub> O <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 281, 119539	21.8	54
321	A phytoremediation coupled with agro-production mode suppresses Fusarium wilt disease and alleviates cadmium phytotoxicity of cucumber ( <i>Cucumis sativus</i> L.) in continuous cropping greenhouse soil. <i>Chemosphere</i> , <b>2021</b> , 270, 128634	8.4	5
320	Sensors for the environmental pollutant detection: Are we already there?. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 431, 213681	23.2	11
319	Waste valorization: Transforming the fishbone biowaste into biochar as an efficient persulfate catalyst for degradation of organic pollutant. <i>Journal of Cleaner Production</i> , <b>2021</b> , 291, 125225	10.3	12
318	Enhanced peroxidase-like activity of boron nitride quantum dots anchored porous CeO <sub>2</sub> nanorods by aptamer for highly sensitive colorimetric detection of kanamycin. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 330, 129318	8.5	15

317	Retrospective analysis of polyglycoside combined with angiotensin receptor blockers for the treatment of primary membranous nephropathy with sub-nephrotic proteinuria. <i>Renal Failure</i> , <b>2021</b> , 43, 729-736	2.9	4
316	Interactions between soil compositions and the wheat root microbiome under drought stress: From an to perspective. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 4235-4247	6.8	1
315	Joint connection of experiment and simulation for photocatalytic hydrogen evolution: strength, weakness, validation and complementarity. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 6749-6774	13	3
314	COVID-19 Crisis: How Can Plant Biotechnology Help?. <i>Plants</i> , <b>2021</b> , 10,	4.5	7
313	Effects of bradykinin on proliferation, apoptosis, and cycle of glomerular mesangial cells via the TGF- $\beta$ /Smad signaling pathway. <i>Turkish Journal of Biology</i> , <b>2021</b> , 45, 17-25	3.1	1
312	Monodisperse CuPd alloy nanoparticles as efficient and reusable catalyst for the C (sp <sup>2</sup> ) $\pi$ bond activation. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6236	3.1	0
311	Effect of palmitoleic acid on the differentiation of bovine skeletal muscle satellite cells. <i>Journal of Animal Science and Technology</i> , <b>2021</b> , 63, 919-933	1.6	0
310	Effect of ciglitazone on adipogenic transdifferentiation of bovine skeletal muscle satellite cells. <i>Journal of Animal Science and Technology</i> , <b>2021</b> , 63, 934-953	1.6	0
309	Highly efficient catalytic hydrogenation of nitrophenols by sewage sludge derived biochar. <i>Water Research</i> , <b>2021</b> , 201, 117360	12.5	4
308	Direct Attack and Indirect Transfer Mechanisms Dominated by Reactive Oxygen Species for Photocatalytic H <sub>2</sub> O <sub>2</sub> Production on g-C <sub>3</sub> N <sub>4</sub> Possessing Nitrogen Vacancies. <i>ACS Catalysis</i> , <b>2021</b> , 11, 11440-11450	13.1	14
307	The predictive value of Oxford MEST-C classification to immunosuppressive therapy of IgA nephropathy. <i>International Urology and Nephrology</i> , <b>2021</b> , 1	2.3	1
306	Clinicopathological characteristics and prognosis of hepatitis B associated membranous nephropathy and idiopathic membranous nephropathy complicated with hepatitis B virus infection. <i>Scientific Reports</i> , <b>2021</b> , 11, 18407	4.9	1
305	Reveal Brüsted-Evans-Polanyi relation and attack mechanisms of reactive oxygen species for photocatalytic H <sub>2</sub> O <sub>2</sub> production. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 120757	21.8	6
304	Fe/Co bimetallic nanoparticles embedded in MOF-derived nitrogen-doped porous carbon rods as efficient heterogeneous electro-Fenton catalysts for degradation of organic pollutants. <i>Applied Materials Today</i> , <b>2021</b> , 24, 101161	6.6	5
303	Exploring the role of Fe species from biochar-iron composites in the removal and long-term immobilization of SeO against competing oxyanions. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 418, 126311	12.8	5
302	Preparation of floating porous g-C <sub>3</sub> N <sub>4</sub> photocatalyst via a facile one-pot method for efficient photocatalytic elimination of tetracycline under visible light irradiation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 132669	14.7	7
301	Clinicopathological Characteristics and Influencing Factors of Renal Vascular Lesions in Anti-neutrophil Cytoplasmic Autoantibody-Related Renal Vasculitis. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 710386	4.9	0
300	Soybean residue based biochar prepared by ball milling assisted alkali activation to activate peroxydisulfate for the degradation of tetracycline. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 599, 631-641	9.3	13

299	Synergetic utilization of 3D materials merits and unidirectional electrons transfer of Schottky junction for optimizing optical absorption and charge kinetics. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 295, 120278	21.8	5
298	Improved hydrogen evolution activity of layered double hydroxide by optimizing the electronic structure. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 297, 120478	21.8	23
297	Effects and mechanisms of modified biochars on microbial iron reduction of <i>Geobacter sulfurreducens</i> . <i>Chemosphere</i> , <b>2021</b> , 283, 130983	8.4	3
296	Advances of covalent organic frameworks based on magnetism: Classification, synthesis, properties, applications. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 449, 214219	23.2	6
295	Construction of fish-scale tubular carbon nitride-based heterojunction with boosting charge separation in photocatalytic tetracycline degradation and H <sub>2</sub> O <sub>2</sub> production. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 130831	14.7	18
294	Clinicopathological characteristics and outcomes of anti-neutrophil cytoplasmic autoantibody-related renal vasculitis with hyperuricemia: a retrospective case-control study. <i>Scientific Reports</i> , <b>2021</b> , 11, 2002	4.9	1
293	Relation of Serum Hepcidin Levels and Restless Legs Syndrome in Patients Undergoing Peritoneal Dialysis.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 685601	4.9	0
292	Covalent organic framework photocatalysts: structures and applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 4135-4165	58.5	243
291	Removal of Sb(III) by sulfidated nanoscale zerovalent iron: The mechanism and impact of environmental conditions. <i>Science of the Total Environment</i> , <b>2020</b> , 736, 139629	10.2	25
290	Simultaneous degradation of p-arsanilic acid and inorganic arsenic removal using M-rGO/PS Fenton-like system under neutral conditions. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 399, 123032	12.8	30
289	Fava bean intercropping with <i>Sedum alfredii</i> inoculated with endophytes enhances phytoremediation of cadmium and lead co-contaminated field. <i>Environmental Pollution</i> , <b>2020</b> , 265, 114881	8.3	21
288	Au/CeO <sub>2</sub> /g-CN heterostructures: Designing a self-powered aptasensor for ultrasensitive detection of Microcystin-LR by density functional theory. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 164, 112328	11.8	23
287	Extracellular electron transfer leading to the biological mediated production of reduced graphene oxide. <i>Chemosphere</i> , <b>2020</b> , 256, 127141	8.4	8
286	Comparative assessment of <i>L. genotypes</i> for phytoavoidance of nitrate, cadmium and lead in multi-pollutant field. <i>International Journal of Phytoremediation</i> , <b>2020</b> , 22, 972-985	3.9	1
285	Ultrathin low dimensional heterostructure composites with superior photocatalytic activity: Insight into the multichannel charge transfer mechanism. <i>Chemical Engineering Journal</i> , <b>2020</b> , 393, 124718	14.7	34
284	Shifts in short-chain fatty acid profile, Fe(III) reduction and bacterial community with biochar amendment in rice paddy soil. <i>FEMS Microbiology Ecology</i> , <b>2020</b> , 96,	4.3	6
283	Synthesis of branched WO <sub>3</sub> @W <sub>18</sub> O <sub>49</sub> homojunction with enhanced interfacial charge separation and full-spectrum photocatalytic performance. <i>Chemical Engineering Journal</i> , <b>2020</b> , 389, 124474	14.7	54
282	Intimate coupling of photocatalysis and biodegradation for wastewater treatment: Mechanisms, recent advances and environmental applications. <i>Water Research</i> , <b>2020</b> , 175, 115673	12.5	77

281	Bimetallic nanoparticles/metal-organic frameworks: Synthesis, applications and challenges. <i>Applied Materials Today</i> , <b>2020</b> , 19, 100564	6.6	23
280	Theoretical and experimental study of full spectrum response Z-scheme 0D/2D Ag <sub>6</sub> Si <sub>2</sub> O <sub>7</sub> /CN photocatalyst with enhanced photocatalytic activities. <i>Applied Surface Science</i> , <b>2020</b> , 514, 145963	6.7	11
279	Adsorption of Cd and Pb in contaminated gleysol by composite treatment of sepiolite, organic manure and lime in field and batch experiments. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 196, 110539	7.3	8
278	Maintaining stable LSPR performance of W18O <sub>49</sub> by protecting its oxygen vacancy: A novel strategy for achieving durable sunlight driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 276, 119167	21.8	51
277	Enhanced surface activation process of persulfate by modified bagasse biochar for degradation of phenol in water and soil: Active sites and electron transfer mechanism. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 599, 124904	5.1	24
276	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene decorated black phosphorus nanosheets with improved visible-light photocatalytic activity: experimental and theoretical studies. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 5171-5185	13	94
275	Platinum like cocatalysts tungsten carbide loaded hollow tubular g-C <sub>3</sub> N <sub>4</sub> achieving effective space separation of carriers to degrade antibiotics. <i>Chemical Engineering Journal</i> , <b>2020</b> , 391, 123487	14.7	16
274	Identification of high cadmium-accumulating oilseed sunflower ( <i>Helianthus annuus</i> ) cultivars for phytoremediation of an Oxisol and an Inceptisol. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 187, 109857	7	28
273	Association of global DNA hypomethylation with post-operative cognitive dysfunction in elderly patients undergoing hip surgery. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2020</b> , 64, 354-360	1.9	2
272	Efficiency of lime, biochar, Fe containing biochar and composite amendments for Cd and Pb immobilization in a co-contaminated alluvial soil. <i>Environmental Pollution</i> , <b>2020</b> , 257, 113609	9.3	69
271	Immobilization and sorption of Cd and Pb in contaminated stagnic anthrosols as amended with biochar and manure combined with inorganic additives. <i>Journal of Environmental Management</i> , <b>2020</b> , 257, 109999	7.9	17
270	Organic soil additives for the remediation of cadmium contaminated soils and their impact on the soil-plant system: A review. <i>Science of the Total Environment</i> , <b>2020</b> , 707, 136121	10.2	47
269	Construction of highly water-stable metal-organic framework UiO-66 thin-film composite membrane for dyes and antibiotics separation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 385, 123400	14.7	71
268	Mechanisms of water regime effects on uptake of cadmium and nitrate by two ecotypes of water spinach ( <i>Ipomoea aquatica</i> Forsk.) in contaminated soil. <i>Chemosphere</i> , <b>2020</b> , 246, 125798	8.4	9
267	Influence of humic acid and its different molecular weight fractions on sedimentation of nanoscale zero-valent iron. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 2786-2796	5.1	1
266	Removal and recovery of phosphorus from low-strength wastewaters by flow-electrode capacitive deionization. <i>Separation and Purification Technology</i> , <b>2020</b> , 237, 116322	8.3	38
265	Polymer Technology for the Detection and Elimination of Emerging Pollutants. <i>Advances in Polymer Technology</i> , <b>2020</b> , 2020, 1-2	1.9	
264	Foliar application of zinc and selenium alleviates cadmium and lead toxicity of water spinach - Bioavailability/cytotoxicity study with human cell lines. <i>Environment International</i> , <b>2020</b> , 145, 106122	12.9	9



263	Inhibition of IRE1/JNK pathway in HK-2 cells subjected to hypoxia-reoxygenation attenuates mesangial cells-derived extracellular matrix production. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 13408-13420	5.6	4
262	Endophytic inoculation coupled with soil amendment and foliar inhibitor ensure phytoremediation and argo-production in cadmium contaminated soil under oilseed rape-rice rotation system. <i>Science of the Total Environment</i> , <b>2020</b> , 748, 142481	10.2	8
261	Metal-free carbon materials for persulfate-based advanced oxidation process: Microstructure, property and tailoring. <i>Progress in Materials Science</i> , <b>2020</b> , 111, 100654	42.2	117
260	Noncoding RNAs in peritoneal fibrosis: Background, Mechanism, and Therapeutic Approach. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 129, 110385	7.5	4
259	Origin of the Enhanced Reusability and Electron Transfer of the Carbon-Coated Mn <sub>3</sub> O <sub>4</sub> Nanocube for Persulfate Activation. <i>ACS Catalysis</i> , <b>2020</b> , 10, 14857-14870	13.1	53
258	Nitrogen deficient carbon nitride for efficient visible light driven tetracycline degradation: a combination of experimental and DFT studies. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 6800-6808	5.5	4
257	Cadmium mobility in three contaminated soils amended with different additives as evaluated by dynamic flow-through experiments. <i>Chemosphere</i> , <b>2020</b> , 261, 127763	8.4	11
256	Egg shell biochar-based green catalysts for the removal of organic pollutants by activating persulfate. <i>Science of the Total Environment</i> , <b>2020</b> , 745, 141095	10.2	27
255	Synthesis of Leaf-Vein-Like g-C <sub>3</sub> N <sub>4</sub> with Tunable Band Structures and Charge Transfer Properties for Selective Photocatalytic H <sub>2</sub> O <sub>2</sub> Evolution. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001922	15.6	89
254	Analysis of reaction pathways and catalytic sites on metal-free porous biochar for persulfate activation process. <i>Chemosphere</i> , <b>2020</b> , 261, 127747	8.4	20
253	CuS QDs/CoO Polyhedra-Driven Multiple Signal Amplifications Activated h-BN Photoelectrochemical Biosensing Platform. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13073-13083	7.8	14
252	SIRT1-modified human umbilical cord mesenchymal stem cells ameliorate experimental peritoneal fibrosis by inhibiting the TGF- $\beta$ /Smad3 pathway. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 362	8.3	4
251	Assessment of sunflower germplasm for phytoremediation of lead-polluted soil and production of seed oil and seed meal for human and animal consumption. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 87, 24-38	6.4	25
250	Influence of different co-contaminants on trichloroethylene removal by sulfide-modified nanoscale zero-valent iron. <i>Chemical Engineering Journal</i> , <b>2020</b> , 381, 122773	14.7	29
249	Efficient degradation of tetracycline by heterogeneous electro-Fenton process using Cu-doped Fe@Fe <sub>2</sub> O <sub>3</sub> : Mechanism and degradation pathway. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122970	14.7	62
248	Transcriptome analysis of <i>Idesia polycarpa</i> Maxim. var <i>vestita</i> Diels flowers during sex differentiation. <i>Journal of Forestry Research</i> , <b>2020</b> , 31, 2463-2478	2	1
247	Electron density modulation of Fe <sub>1-x</sub> CoxP nanosheet arrays by iron incorporation for highly efficient water splitting. <i>Nano Energy</i> , <b>2020</b> , 67, 104174	17.1	43
246	Hierarchical porous biochar from shrimp shell for persulfate activation: A two-electron transfer path and key impact factors. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 260, 118160	21.8	128

245	New insight into the impact of biochar during vermi-stabilization of divergent biowastes: Literature synthesis and research pursuits. <i>Chemosphere</i> , <b>2020</b> , 238, 124679	8.4	20
244	Case Report: Glucocorticoids Combined With Immunosuppressant in the Treatment of Acromegaly Complicated With Focal Segmental Glomerulosclerosis. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 563020	4.9	1
243	Comparative assessment of Indian mustard ( <i>Brassica juncea</i> L.) genotypes for phytoremediation of Cd and Pb contaminated soils. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113085	9.3	34
242	Infiltration of Blood-Derived Macrophages Contributes to the Development of Diabetic Neuropathy. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 7597382	4.5	16
241	Carbon-based magnetic nanocomposite as catalyst for persulfate activation: a critical review. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 32764-32776	5.1	16
240	Ultrathin PtNi nanozyme based self-powered photoelectrochemical aptasensor for ultrasensitive chloramphenicol detection. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 146, 111756	11.8	45
239	Magnetic nitrogen-doped sludge-derived biochar catalysts for persulfate activation: Internal electron transfer mechanism. <i>Chemical Engineering Journal</i> , <b>2019</b> , 364, 146-159	14.7	203
238	An explanation of soil amendments to reduce cadmium phytoavailability and transfer to food chain. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 80-96	10.2	149
237	Biochar for environmental management: Mitigating greenhouse gas emissions, contaminant treatment, and potential negative impacts. <i>Chemical Engineering Journal</i> , <b>2019</b> , 373, 902-922	14.7	147
236	Enhancing optical absorption and charge transfer: Synthesis of S-doped h-BN with tunable band structures for metal-free visible-light-driven photocatalysis. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 256, 117827	21.8	60
235	Assessing the immobilization efficiency of organic and inorganic amendments for cadmium phytoavailability to wheat. <i>Journal of Soils and Sediments</i> , <b>2019</b> , 19, 3708-3717	3.4	22
234	Highly sensitive detection of microcystin-LR under visible light using a self-powered photoelectrochemical aptasensor based on a CoO/Au/g-CN Z-scheme heterojunction. <i>Nanoscale</i> , <b>2019</b> , 11, 12198-12209	7.7	37
233	<i>Eisenia fetida</i> and biochar synergistically alleviate the heavy metals content during valorization of biosolids via enhancing vermicompost quality. <i>Science of the Total Environment</i> , <b>2019</b> , 684, 597-609	10.2	24
232	Preincubation and vermicomposting of divergent biosolids exhibit vice versa multielements stoichiometry and earthworm physiology. <i>Journal of Environmental Management</i> , <b>2019</b> , 243, 144-156	7.9	9
231	Ultrasensitive sensor based on novel bismuth carbon nanomaterial for lead and cadmium determination in natural water, contaminated soil and human plasma. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 284, 177-185	5.3	11
230	Surfactant-assisted synthesis of photocatalysts: Mechanism, synthesis, recent advances and environmental application. <i>Chemical Engineering Journal</i> , <b>2019</b> , 372, 429-451	14.7	79
229	Evaluation of variation in essential nutrients and hazardous materials in spinach ( <i>Spinacia oleracea</i> L.) genotypes grown on contaminated soil for human consumption. <i>Journal of Food Composition and Analysis</i> , <b>2019</b> , 79, 95-106	4.1	13
228	Core-shell nanomaterials: Applications in energy storage and conversion. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 267, 26-46	14.3	73



227	Effects of CO application coupled with endophyte inoculation on rhizosphere characteristics and cadmium uptake by <i>Sedum alfredii</i> Hance in response to cadmium stress. <i>Journal of Environmental Management</i> , <b>2019</b> , 239, 287-298	7.9	7
226	Carbon felt cathodes for electro-Fenton process to remove tetracycline via synergistic adsorption and degradation. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 921-931	10.2	58
225	Understanding the influence of carbon nanomaterials on microbial communities. <i>Environment International</i> , <b>2019</b> , 126, 690-698	12.9	57
224	Mesoporous Carbon-Based Enzyme Biocatalyst for Aquatic Recalcitrant Pollutant Treatment <b>2019</b> , 103-124		1
223	Electro-assisted Adsorption of Zn(II) on Activated Carbon Cloth in Batch-Flow Mode: Experimental and Theoretical Investigations. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 2670-2678	10.3	34
222	Enhancement of Fenton processes at initial circumneutral pH for the degradation of norfloxacin with Fe@FeO core-shell nanomaterials. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 3632-3640 <sup>2.6</sup>		7
221	Metal Organic Frameworks as Robust Host of Palladium Nanoparticles in Heterogeneous Catalysis: Synthesis, Application, and Prospect. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32579-32598	9.5	62
220	Influence of feedstocks and modification methods on biochar@ capacity to activate hydrogen peroxide for tetracycline removal. <i>Bioresource Technology</i> , <b>2019</b> , 291, 121840	11	33
219	Tetracycline uptake by pak choi grown on contaminated soils and its toxicity in human liver cell line HL-7702. <i>Environmental Pollution</i> , <b>2019</b> , 253, 312-321	9.3	13
218	Nano-pesticides: A great challenge for biodiversity?. <i>Nano Today</i> , <b>2019</b> , 28, 100757	17.9	43
217	Boosting Photocatalytic Performance in Mixed-Valence MIL-53(Fe) by Changing Fe/Fe Ratio. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 28791-28800	9.5	60
216	Enhanced photoelectric conversion efficiency: A novel h-BN based self-powered photoelectrochemical aptasensor for ultrasensitive detection of diazinon. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 142, 111546	11.8	23
215	Myricetin Attenuated Diabetes-Associated Kidney Injuries and Dysfunction Regulating Nuclear Factor (Erythroid Derived 2)-Like 2 and Nuclear Factor- $\kappa$ B Signaling. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 647	5.6	10
214	Tuning Electron Density Endows FeCoP with Exceptional Capability of Electrooxidation of Organic Pollutants. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 13878-13887	10.3	27
213	Bacteriophages from Arsenic-Resistant Bacteria Transduced Resistance Genes, which Changed Arsenic Speciation and Increased Soil Toxicity. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 675-680	11	7
212	Iron-Based Nanohybrids for Aquatic Recalcitrant Pollutant Treatment <b>2019</b> , 201-232		
211	Wetland-a hub for microplastic transmission in the global ecosystem. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 142, 153-154	11.9	12
210	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 488-516	58.5	390

209	Nanoporous Materials Based Sensors for Pollutant Detection <b>2019</b> , 265-291		0
208	Nanohybrid Materials Based Biosensors for Heavy Metal Detection <b>2019</b> , 233-264		3
207	Nanohybrid Photocatalysts for Recalcitrant Organic Pollutant Degradation <b>2019</b> , 155-200		2
206	Magnetic Nanohybrid Materials for Water-Pollutant Removal <b>2019</b> , 1-30		4
205	Mesoporous Carbon Based Composites for Removal of Recalcitrant Pollutants From Water <b>2019</b> , 31-61		1
204	Characterization of fava bean ( <i>Vicia faba</i> L.) genotypes for phytoremediation of cadmium and lead co-contaminated soils coupled with agro-production. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 171, 190-198	7	23
203	Ultrathin BiWO nanosheets loaded g-CN quantum dots: A direct Z-scheme photocatalyst with enhanced photocatalytic activity towards degradation of organic pollutants under wide spectrum light irradiation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 539, 654-664	9.3	92
202	Various cell architectures of capacitive deionization: Recent advances and future trends. <i>Water Research</i> , <b>2019</b> , 150, 225-251	12.5	174
201	Effects of CO application and endophytic bacterial inoculation on morphological properties, photosynthetic characteristics and cadmium uptake of two ecotypes of <i>Sedum alfredii</i> Hance. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 1809-1820	5.1	8
200	Nanohybrid Photocatalysts for Heavy Metal Pollutant Control <b>2019</b> , 125-153		6
199	Mesoporous Carbon-Based Composites for Adsorption of Heavy Metals <b>2019</b> , 63-102		3
198	Comparative efficacy of organic and inorganic amendments for cadmium and lead immobilization in contaminated soil under rice-wheat cropping system. <i>Chemosphere</i> , <b>2019</b> , 214, 259-268	8.4	114
197	Enhanced activation process of persulfate by mesoporous carbon for degradation of aqueous organic pollutants: Electron transfer mechanism. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 231, 1-10	21.8	350
196	Insight into electro-Fenton and photo-Fenton for the degradation of antibiotics: Mechanism study and research gaps. <i>Chemical Engineering Journal</i> , <b>2018</b> , 347, 379-397	14.7	195
195	Variations in cadmium and nitrate co-accumulation among water spinach genotypes and implications for screening safe genotypes for human consumption. <i>Journal of Zhejiang University: Science B</i> , <b>2018</b> , 19, 147-158	4.5	21
194	Enhanced photocatalytic activity of ternary Ag/g-C <sub>3</sub> N <sub>4</sub> /NaTaO <sub>3</sub> photocatalysts under wide spectrum light radiation: The high potential band protection mechanism. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 230, 102-114	21.8	159
193	Factors influencing degradation of trichloroethylene by sulfide-modified nanoscale zero-valent iron in aqueous solution. <i>Water Research</i> , <b>2018</b> , 135, 1-10	12.5	113
192	Biochar-based functional materials in the purification of agricultural wastewater: Fabrication, application and future research needs. <i>Chemosphere</i> , <b>2018</b> , 197, 165-180	8.4	83

191	Insight into the dual-channel charge-carrier transfer path for nonmetal plasmonic tungsten oxide based composites with boosted photocatalytic activity under full-spectrum light. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 235, 225-237	21.8	127
190	Antimony contamination, consequences and removal techniques: A review. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 156, 125-134	7	132
189	Selenium contamination, consequences and remediation techniques in water and soils: A review. <i>Environmental Research</i> , <b>2018</b> , 164, 288-301	7.9	150
188	Carbon-based core-shell nanostructured materials for electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 7310-7337	13	73
187	Cross-coupling reactions using porous multipod Cu <sub>2</sub> O microcrystals as recoverable catalyst in aqueous media. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e3980	3.1	3
186	Sorption-desorption behaviors of heavy metals by biochar-compost amendment with different ratios in contaminated wetland soil. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 1530-1539	3.4	19
185	Performance and mechanism of As(III) removal from water using Fe-Al bimetallic material. <i>Separation and Purification Technology</i> , <b>2018</b> , 191, 314-321	8.3	11
184	Effect of exogenous carbonaceous materials on the bioavailability of organic pollutants and their ecological risks. <i>Soil Biology and Biochemistry</i> , <b>2018</b> , 116, 70-81	7.5	89
183	0D/2D interface engineering of carbon quantum dots modified Bi <sub>2</sub> WO <sub>6</sub> ultrathin nanosheets with enhanced photoactivity for full spectrum light utilization and mechanism insight. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 222, 115-123	21.8	233
182	Facile fabrication of mediator-free Z-scheme photocatalyst of phosphorous-doped ultrathin graphitic carbon nitride nanosheets and bismuth vanadate composites with enhanced tetracycline degradation under visible light. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 509, 219-234	9.3	116
181	Sorption, transport and biodegradation - An insight into bioavailability of persistent organic pollutants in soil. <i>Science of the Total Environment</i> , <b>2018</b> , 610-611, 1154-1163	10.2	304
180	Current Progress in Aptasensors for Heavy Metal Ions Based on Photoelectrochemical Method: A Review. <i>Current Analytical Chemistry</i> , <b>2018</b> , 14,	1.7	18
179	Applications and factors influencing of the persulfate-based advanced oxidation processes for the remediation of groundwater and soil contaminated with organic compounds. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 359, 396-407	12.8	101
178	Adipocyte Fatty Acid-Binding Protein Promotes Palmitate-Induced Mitochondrial Dysfunction and Apoptosis in Macrophages. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 81	8.4	22
177	Difunctional chitosan-stabilized Fe/Cu bimetallic nanoparticles for removal of hexavalent chromium wastewater. <i>Science of the Total Environment</i> , <b>2018</b> , 644, 1181-1189	10.2	52
176	Chromosomal expression of CadR on <i>Pseudomonas aeruginosa</i> for the removal of Cd(II) from aqueous solutions. <i>Science of the Total Environment</i> , <b>2018</b> , 636, 1355-1361	10.2	52
175	Self-powered photoelectrochemical aptasensor based on phosphorus doped porous ultrathin g-CN nanosheets enhanced by surface plasmon resonance effect. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 121, 19-26	11.8	83
174	Core-shell Ag <sub>2</sub> CrO <sub>4</sub> /N-GQDs@g-C <sub>3</sub> N <sub>4</sub> composites with anti-photocorrosion performance for enhanced full-spectrum-light photocatalytic activities. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 239, 525-536	21.8	110

173	Highly efficient extraction of lead ions from smelting wastewater, slag and contaminated soil by two-dimensional montmorillonite-based surface ion imprinted polymer absorbent. <i>Chemosphere</i> , <b>2018</b> , 209, 246-257	8.4	26
172	Voltammetric Biosensor Based on Nitrogen-doped Ordered Mesoporous Carbon for Detection of Organophosphorus Pesticides in Vegetables. <i>Current Analytical Chemistry</i> , <b>2018</b> , 15, 92-100	1.7	4
171	The potential impact on the biodegradation of organic pollutants from composting technology for soil remediation. <i>Waste Management</i> , <b>2018</b> , 72, 138-149	8.6	65
170	Physicochemical transformation of Fe/Ni bimetallic nanoparticles during aging in simulated groundwater and the consequent effect on contaminant removal. <i>Water Research</i> , <b>2018</b> , 129, 51-57	12.5	63
169	Construction of plasmonic Ag modified phosphorous-doped ultrathin g-CN nanosheets/BiVO photocatalyst with enhanced visible-near-infrared response ability for ciprofloxacin degradation. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 344, 758-769	12.8	169
168	Sustainable efficient adsorbent: Alkali-acid modified magnetic biochar derived from sewage sludge for aqueous organic contaminant removal. <i>Chemical Engineering Journal</i> , <b>2018</b> , 336, 160-169	14.7	256
167	Xiaoyao Kangai Jieyu Fang, a Chinese Herbal Formulation, Ameliorates Cancer-Related Depression Concurrent with Breast Cancer in Mice via Promoting Hippocampal Synaptic Plasticity. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 3967642	2.3	4
166	A Report of Chronic Intestinal Pseudo-obstruction Related to Systemic Lupus Erythematosus. <i>Open Medicine (Poland)</i> , <b>2018</b> , 13, 562-564	2.2	1
165	Immobilization of cadmium and lead in contaminated paddy field using inorganic and organic additives. <i>Scientific Reports</i> , <b>2018</b> , 8, 17839	4.9	56
164	Preparation and application of magnetic nitrogen-doped rGO for persulfate activation. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 30575-30584	5.1	14
163	miR-374a Regulates Inflammatory Response in Diabetic Nephropathy by Targeting MCP-1 Expression. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 900	5.6	32
162	Antibiotic removal from water: A highly efficient silver phosphate-based Z-scheme photocatalytic system under natural solar light. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 1462-1470	10.2	21
161	Cu-Doped Fe@Fe <sub>2</sub> O <sub>3</sub> core-shell nanoparticle shifted oxygen reduction pathway for high-efficiency arsenic removal in smelting wastewater. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 1595-1607	7.1	43
160	Effect of Humic Acid on the Degradation of Methylene Blue by Peroxymonosulfate. <i>Open Chemistry</i> , <b>2018</b> , 16, 401-406	1.6	11
159	Intermittent High Glucose Exacerbates A-FABP Activation and Inflammatory Response through TLR4-JNK Signaling in THP-1 Cells. <i>Journal of Immunology Research</i> , <b>2018</b> , 2018, 1319272	4.5	14
158	New insights into the activity of a biochar supported nanoscale zerovalent iron composite and nanoscale zero valent iron under anaerobic or aerobic conditions. <i>RSC Advances</i> , <b>2017</b> , 7, 8755-8761	3.7	46
157	Degradation of trichloroethene by nanoscale zero-valent iron (nZVI) and nZVI activated persulfate in the absence and presence of EDTA. <i>Chemical Engineering Journal</i> , <b>2017</b> , 316, 410-418	14.7	71
156	Remediation of Cu, Pb, Zn and Cd-contaminated agricultural soil using a combined red mud and compost amendment. <i>International Biodeterioration and Biodegradation</i> , <b>2017</b> , 118, 73-81	4.8	99

155	Effect of humic acid amendment on cadmium bioavailability and accumulation by pak choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> L.) to alleviate dietary toxicity risk. <i>Archives of Agronomy and Soil Science</i> , <b>2017</b> , 63, 1431-1442	2	17
154	Pd $\gamma$ SnO nanowire arrays as recyclable catalysts for 4-nitrophenol reduction and Suzuki coupling reactions. <i>RSC Advances</i> , <b>2017</b> , 7, 7964-7972	3.7	16
153	Simultaneous removal of atrazine and copper using polyacrylic acid-functionalized magnetic ordered mesoporous carbon from water: adsorption mechanism. <i>Scientific Reports</i> , <b>2017</b> , 7, 43831	4.9	41
152	Atomic scale g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> 2D/2D heterojunction with enhanced photocatalytic degradation of ibuprofen under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 209, 285-294	21.8	318
151	Titanium dioxide nanotube arrays with silane coupling agent modification for heavy metal reduction and persistent organic pollutant degradation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4377-4389	3.6	16
150	Changes in heavy metal mobility and availability from contaminated wetland soil remediated with combined biochar-compost. <i>Chemosphere</i> , <b>2017</b> , 181, 281-288	8.4	221
149	Electrocatalytic properties of N-doped graphite felt in electro-Fenton process and degradation mechanism of levofloxacin. <i>Chemosphere</i> , <b>2017</b> , 182, 306-315	8.4	141
148	Ultralow dielectric, fluoride-containing cyanate ester resins with improved mechanical properties and high thermal and dimensional stabilities. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 6929-6936	7.1	82
147	Plasmonic resonance excited dual Z-scheme BiVO <sub>4</sub> /Ag/Cu <sub>2</sub> O nanocomposite: synthesis and mechanism for enhanced photocatalytic performance in recalcitrant antibiotic degradation. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 1494-1511	7.1	168
146	Self-template synthesis of hierarchical CoMoS <sub>3</sub> nanotubes constructed of ultrathin nanosheets for robust water electrolysis. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 11309-11315	13	69
145	Highly effective antibacterial activity by the synergistic effect of three dimensional ordered mesoporous carbon-lysozyme composite. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 503, 131-141	9.3	17
144	Predicting protein function via multi-label supervised topic model on gene ontology. <i>Biotechnology and Biotechnological Equipment</i> , <b>2017</b> , 31, 630-638	1.6	9
143	Iron Containing Metal-Organic Frameworks: Structure, Synthesis, and Applications in Environmental Remediation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 20255-20275	9.5	186
142	Treatment of arsenic in acid wastewater and river sediment by Fe@FeO nanobunches: The effect of environmental conditions and reaction mechanism. <i>Water Research</i> , <b>2017</b> , 117, 175-186	12.5	130
141	Cow manure and cow manure-derived biochar application as a soil amendment for reducing cadmium availability and accumulation by <i>Brassica chinensis</i> L. in acidic red soil. <i>Journal of Integrative Agriculture</i> , <b>2017</b> , 16, 725-734	3.2	53
140	Aptamer-based biosensors for detection of lead(II) ion: a review. <i>Analytical Methods</i> , <b>2017</b> , 9, 1976-1990	3.2	91
139	Insight into highly efficient co-removal of p-nitrophenol and lead by nitrogen-functionalized magnetic ordered mesoporous carbon: Performance and modelling. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 333, 80-87	12.8	139
138	Physicochemical transformation of carboxymethyl cellulose-coated zero-valent iron nanoparticles (nZVI) in simulated groundwater under anaerobic conditions. <i>Separation and Purification Technology</i> , <b>2017</b> , 175, 376-383	8.3	53



137	A label-free GR-5DNAzyme sensor for lead ions detection based on nanoporous gold and anionic intercalator. <i>Talanta</i> , <b>2017</b> , 165, 274-281	6.2	18
136	Overexpression of <i>Jatropha curcas</i> Defensin (JcDef) Enhances Sheath Blight Disease Resistance in Tobacco. <i>Journal of Phytopathology</i> , <b>2017</b> , 165, 15-21	1.8	5
135	Synthesis of Pd/Au bimetallic nanoparticle-loaded ultrathin graphitic carbon nitride nanosheets for highly efficient catalytic reduction of p-nitrophenol. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 490, 834-843	9.3	57
134	Effect of bismuth tungstate with different hierarchical architectures on photocatalytic degradation of norfloxacin under visible light. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2017</b> , 27, 1794-1803	3.3	17
133	The FNR modules contribute to control nitric oxide synthase catalysis revealed by chimera enzymes. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 9263-9269	2.9	0
132	Modification of biochar derived from sawdust and its application in removal of tetracycline and copper from aqueous solution: Adsorption mechanism and modelling. <i>Bioresource Technology</i> , <b>2017</b> , 245, 266-273	11	372
131	Metal-free carbon materials-catalyzed sulfate radical-based advanced oxidation processes: A review on heterogeneous catalysts and applications. <i>Chemosphere</i> , <b>2017</b> , 189, 224-238	8.4	216
130	How Do Enzymes Meet Nanoparticles and Nanomaterials?. <i>Trends in Biochemical Sciences</i> , <b>2017</b> , 42, 914-930	10.3	103
129	Removal of trichloroethylene by biochar supported nanoscale zero-valent iron in aqueous solution. <i>Separation and Purification Technology</i> , <b>2017</b> , 188, 188-196	8.3	78
128	Environment-friendly fullerene separation methods. <i>Chemical Engineering Journal</i> , <b>2017</b> , 330, 134-145	14.7	55
127	Construction of Plasmonic Ag and Nitrogen-Doped Graphene Quantum Dots Codecorated Ultrathin Graphitic Carbon Nitride Nanosheet Composites with Enhanced Photocatalytic Activity: Full-Spectrum Response Ability and Mechanism Insight. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 42816-42828	9.5	116
126	Field crops ( <i>Ipomoea aquatica</i> Forsk. and <i>Brassica chinensis</i> L.) for phytoremediation of cadmium and nitrate co-contaminated soils via rotation with <i>Sedum alfredii</i> Hance. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 19293-19305	5.1	30
125	Insight into highly efficient simultaneous photocatalytic removal of Cr(VI) and 2,4-dichlorophenol under visible light irradiation by phosphorus doped porous ultrathin g-C <sub>3</sub> N <sub>4</sub> nanosheets from aqueous media: Performance and reaction mechanism. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 203, 343-354	21.8	383
124	Incentive effect of bentonite and concrete admixtures on stabilization/solidification for heavy metal-polluted sediments of Xiangjiang River. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 892-901	5.1	15
123	Plasmonic Bi Metal Deposition and g-C <sub>3</sub> N <sub>4</sub> Coating on Bi <sub>2</sub> WO <sub>6</sub> Microspheres for Efficient Visible-Light Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1062-1072	8.3	238
122	Synthesis and application of iron and zinc doped biochar for removal of p-nitrophenol in wastewater and assessment of the influence of co-existed Pb(II). <i>Applied Surface Science</i> , <b>2017</b> , 392, 391-401	6.7	112
121	A reusable electrochemical biosensor for highly sensitive detection of mercury ions with an anionic intercalator supported on ordered mesoporous carbon/self-doped polyaniline nanofibers platform. <i>Biochemical Engineering Journal</i> , <b>2017</b> , 117, 7-14	4.2	40
120	Practical and regenerable electrochemical aptasensor based on nanoporous gold and thymine-Hg-thymine base pairs for Hg detection. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 90, 542-548	11.8	90



119	The interactions between nanoscale zero-valent iron and microbes in the subsurface environment: A review. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 321, 390-407	12.8	156
118	Aberrant Wnt/Beta-Catenin Pathway Activation in Dialysate-Induced Peritoneal Fibrosis. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 774	5.6	13
117	Identification and validation of superior reference gene for gene expression normalization via RT-qPCR in staminate and pistillate flowers of <i>Jatropha curcas</i> - A biodiesel plant. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172460	3.7	12
116	Research Progress of Aqueous Pollutants Removal by Sulfidated Nanoscale Zero-valent Iron. <i>Acta Chimica Sinica</i> , <b>2017</b> , 75, 575	3.3	3
115	Label free detection of lead using impedimetric sensor based on ordered mesoporous carbon-gold nanoparticles and DNAzyme catalytic beacons. <i>Talanta</i> , <b>2016</b> , 146, 641-7	6.2	55
114	MiR-100-3p and miR-877-3p regulate overproduction of IL-8 and IL-1 $\beta$ in mesangial cells activated by secretory IgA from IgA nephropathy patients. <i>Experimental Cell Research</i> , <b>2016</b> , 347, 312-21	4.2	31
113	Catalytic reduction of hexavalent chromium by a novel nitrogen-functionalized magnetic ordered mesoporous carbon doped with Pd nanoparticles. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 22027-22036	5.1	24
112	Enhanced visible light photocatalytic performance of polyaniline modified mesoporous single crystal TiO <sub>2</sub> microsphere. <i>Applied Surface Science</i> , <b>2016</b> , 387, 882-893	6.7	71
111	Effects of Functionalized Electrodes and Gold Nanoparticle Carrier Signal Amplification on an Electrochemical DNA Sensing Strategy. <i>ChemElectroChem</i> , <b>2016</b> , 3, 1868-1874	4.3	6
110	Electrochemical DNA sensing strategy based on strengthening electronic conduction and a signal amplifier carrier of nanoAu/MCN composited nanomaterials for sensitive lead detection. <i>Environmental Science: Nano</i> , <b>2016</b> , 3, 1504-1509	7.1	48
109	Hemoglobin-catalyzed fluorometric method for the determination of glutathione. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2016</b> , 120, 164-170	0.7	0
108	Enhanced photocatalytic degradation of norfloxacin in aqueous Bi <sub>2</sub> WO <sub>6</sub> dispersions containing nonionic surfactant under visible light irradiation. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 306, 295-304	12.8	173
107	CdS/Cu <sub>2</sub> S co-sensitized TiO <sub>2</sub> branched nanorod arrays of enhanced photoelectrochemical properties by forming nanoscale heterostructure. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 662, 516-527	5.7	62
106	Genotypic differences in cadmium and nitrate co-accumulation among the Chinese cabbage genotypes under field conditions. <i>Scientia Horticulturae</i> , <b>2016</b> , 201, 92-100	4.1	41
105	Catalytic reduction-adsorption for removal of p-nitrophenol and its conversion p-aminophenol from water by gold nanoparticles supported on oxidized mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 469, 78-85	9.3	112
104	Nanoporous Au-based chronocoulometric aptasensor for amplified detection of Pb(2+) using DNAzyme modified with Au nanoparticles. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 61-67	11.8	119
103	Chromate removal by surface-modified nanoscale zero-valent iron: Effect of different surface coatings and water chemistry. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 471, 7-13	9.3	69
102	Removal of bisphenol A by iron nanoparticle-doped magnetic ordered mesoporous carbon. <i>RSC Advances</i> , <b>2016</b> , 6, 25724-25732	3.7	25

101	The dual effects of carboxymethyl cellulose on the colloidal stability and toxicity of nanoscale zero-valent iron. <i>Chemosphere</i> , <b>2016</b> , 144, 1682-9	8.4	71
100	Current progress in biosensors for heavy metal ions based on DNAzymes/DNA molecules functionalized nanostructures: A review. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 223, 280-294	8.5	180
99	Phosphorus-doped ordered mesoporous carbons embedded with Pd/Fe bimetal nanoparticles for the dechlorination of 2,4-dichlorophenol. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 1930-1939	5.5	60
98	Effect of Biochar Amendment on Bioavailability and Accumulation of Cadmium and Trace Elements in <i>Brassica chinensis</i> L. (Chinese Cabbage). <i>Journal of Agricultural Science</i> , <b>2016</b> , 8, 23	1	3
97	Liquid Hybridization and Solid Phase Detection: A Highly Sensitive and Accurate Strategy for MicroRNA Detection in Plants and Animals. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	2
96	Determination of Cd and Pb Based on Mesoporous Carbon Nitride/Self-Doped Polyaniline Nanofibers and Square Wave Anodic Stripping Voltammetry. <i>Nanomaterials</i> , <b>2016</b> , 6,	5.4	34
95	Adsorption Performance of Acetone on Activated Carbon Modified by Microwave Heating and Alkali Treatment. <i>Journal of Chemical Engineering of Japan</i> , <b>2016</b> , 49, 958-966	0.8	5
94	Molecular phylogenetic analysis of key <i>Jatropha</i> species inferred from nrDNA ITS and chloroplast (trnL-F and rbcL) sequences. <i>Genes and Genomics</i> , <b>2016</b> , 38, 557-566	2.1	
93	Aging study on carboxymethyl cellulose-coated zero-valent iron nanoparticles in water: Chemical transformation and structural evolution. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 312, 234-242	12.8	64
92	Bioactivity-guided isolation of antioxidant and anti-hepatocarcinoma constituents from <i>Veronica ciliata</i> . <i>Chemistry Central Journal</i> , <b>2016</b> , 10, 27		12
91	pH-dependent degradation of p-nitrophenol by sulfidated nanoscale zerovalent iron under aerobic or anoxic conditions. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 320, 581-590	12.8	117
90	Fabrication of modified bismaleimide resins by hyperbranched phenyl polysiloxane and improvement of their thermal conductivities. <i>RSC Advances</i> , <b>2016</b> , 6, 57357-57362	3.7	12
89	Facile fabrication of a direct Z-scheme Ag <sub>2</sub> CrO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> photocatalyst with enhanced visible light photocatalytic activity. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 421, 209-221		127
88	Rapid reductive degradation of aqueous p-nitrophenol using nanoscale zero-valent iron particles immobilized on mesoporous silica with enhanced antioxidation effect. <i>Applied Surface Science</i> , <b>2015</b> , 333, 220-228	6.7	81
87	Expression, crystallization and preliminary crystallographic data analysis of VioD, a hydroxylase in the violacein-biosynthesis pathway. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , <b>2015</b> , 71, 149-52	1.1	4
86	An overview on limitations of TiO <sub>2</sub> -based particles for photocatalytic degradation of organic pollutants and the corresponding countermeasures. <i>Water Research</i> , <b>2015</b> , 79, 128-46	12.5	705
85	Highly effective adsorption of cationic and anionic dyes on magnetic Fe/Ni nanoparticles doped bimodal mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 448, 451-9	9.3	97
84	Different senescent HDPE pipe-risk: brief field investigation from source water to tap water in China (Changsha City). <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 16210-4	5.1	10

83	A novel biosensor for silver(I) ion detection based on nanoporous gold and duplex-like DNA scaffolds with anionic intercalator. <i>RSC Advances</i> , <b>2015</b> , 5, 69738-69744	3.7	19
82	Electrochemical sensor based on electrodeposited graphene-Au modified electrode and nanoAu carrier amplified signal strategy for attomolar mercury detection. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 989-967.8	7.8	229
81	Amplified and selective detection of manganese peroxidase genes based on enzyme-scaffolded-gold nanoclusters and mesoporous carbon nitride. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 382-9	11.8	34
80	Enhancement of Cd(II) adsorption by polyacrylic acid modified magnetic mesoporous carbon. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 153-160	14.7	142
79	Simultaneous removal of lead and phenol contamination from water by nitrogen-functionalized magnetic ordered mesoporous carbon. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 854-864	14.7	123
78	Fluorescent and colorimetric sensors for environmental mercury detection. <i>Analyst, The</i> , <b>2015</b> , 140, 5400-43	5.43	249
77	Rapid adsorption of 2,4-dichlorophenoxyacetic acid by iron oxide nanoparticles-doped carboxylic ordered mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 445, 1-8	9.3	79
76	Simultaneous determination of hydroquinone and catechol in compost bioremediation using a tyrosinase biosensor and artificial neural networks. <i>Analytical Methods</i> , <b>2014</b> , 6, 2371-2378	3.2	21
75	Cd(II) removal from aqueous solution by adsorption on $\alpha$ -ketoglutaric acid-modified magnetic chitosan. <i>Applied Surface Science</i> , <b>2014</b> , 292, 710-716	6.7	104
74	Ordered Mesoporous Carbon and Thiolated Polyaniline Modified Electrode for Simultaneous Determination of Cadmium(II) and Lead(II) by Anodic Stripping Voltammetry. <i>Electroanalysis</i> , <b>2014</b> , 26, 2283-2291	3	25
73	Quantitative detection of trace mercury in environmental media using a three-dimensional electrochemical sensor with an anionic intercalator. <i>RSC Advances</i> , <b>2014</b> , 4, 18485	3.7	43
72	Effective removal of Cr(VI) through adsorption and reduction by magnetic mesoporous carbon incorporated with polyaniline. <i>RSC Advances</i> , <b>2014</b> , 4, 58362-58371	3.7	78
71	Cobalt nanoparticles-embedded magnetic ordered mesoporous carbon for highly effective adsorption of rhodamine B. <i>Applied Surface Science</i> , <b>2014</b> , 314, 746-753	6.7	97
70	Highly sensitive electrochemical sensor using a MWCNTs/GNPs-modified electrode for lead (II) detection based on Pb(2+)-induced G-rich DNA conformation. <i>Analyst, The</i> , <b>2014</b> , 139, 5014-20	5	96
69	Endothelin-1 mediated high glucose-induced epithelial-mesenchymal transition in renal tubular cells. <i>Diabetes Research and Clinical Practice</i> , <b>2014</b> , 104, 176-82	7.4	13
68	Synergistic effect of iron doped ordered mesoporous carbon on adsorption-coupled reduction of hexavalent chromium and the relative mechanism study. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 114-122.14.7	14.7	201
67	Mesoporous carbon nitride based biosensor for highly sensitive and selective analysis of phenol and catechol in compost bioremediation. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 61, 519-25	11.8	114
66	Synergistic adsorption and reduction of hexavalent chromium using highly uniform polyaniline-magnetic mesoporous silica composite. <i>Chemical Engineering Journal</i> , <b>2014</b> , 254, 302-312	14.7	110

65	Sensitive impedimetric biosensor based on duplex-like DNA scaffolds and ordered mesoporous carbon nitride for silver(I) ion detection. <i>Analyst, The</i> , <b>2014</b> , 139, 6529-35	5	28
64	In Vivo Antioxidant and Anti-Skin-Aging Activities of Ethyl Acetate Extraction from <i>Idesia polycarpa</i> Defatted Fruit Residue in Aging Mice Induced by D-Galactose. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 185716	2.3	11
63	Optimization of Phenolics Extracted from <i>Idesia polycarpa</i> Defatted Fruit Residue and Its Antioxidant and Depigmenting Activity In Vitro and In Vivo. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 931269	2.3	1
62	Establishment and primary clinical application of competitive inhibition for measurement of augments of liver regeneration. <i>Experimental and Therapeutic Medicine</i> , <b>2014</b> , 7, 93-96	2.1	2
61	Pressure swing adsorption modeling of acetone and toluene on activated carbon. <i>Journal of Central South University</i> , <b>2013</b> , 20, 2781-2790	2.1	1
60	Electrochemical behavior and DNA-binding properties of binuclear copper(II) complex containing mixed ligands of N-hydroxyethylaminoethyl oxamido and 2,2'-bipyridine. <i>Ionics</i> , <b>2013</b> , 19, 309-314	2.7	6
59	A tyrosinase biosensor based on ordered mesoporous carbon-Au/L-lysine/Au nanoparticles for simultaneous determination of hydroquinone and catechol. <i>Analyst, The</i> , <b>2013</b> , 138, 3552-60	5	77
58	Immobilization of laccase on magnetic bimodal mesoporous carbon and the application in the removal of phenolic compounds. <i>Bioresource Technology</i> , <b>2012</b> , 115, 21-6	11	210
57	Magnetic separation and detection of a cellulase gene using core-shell nanoparticle probes towards a Q-PCR assay. <i>Analytical Methods</i> , <b>2012</b> , 4, 2914	3.2	2
56	Determination of Lignocellulase Activity and Gene Expression Using Magnetic Nanoparticle-Based Electrochemical Biosensor. <i>Advanced Materials Research</i> , <b>2012</b> , 518-523, 309-313	0.5	
55	Adsorption Modeling with Soret-Like and Dufour Effects of a Two-Component Organic Gas on Activated Carbon. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2012</b> , 57, 568-576	2.8	1
54	Valsartan inhibited HIF-1 $\alpha$ pathway and attenuated renal interstitial fibrosis in streptozotocin-diabetic rats. <i>Diabetes Research and Clinical Practice</i> , <b>2012</b> , 97, 125-31	7.4	25
53	Removal and recovery of Zn <sup>2+</sup> and Pb <sup>2+</sup> by imine-functionalized magnetic nanoparticles with tunable selectivity. <i>Langmuir</i> , <b>2012</b> , 28, 468-73	4	26
52	Optical detection of NADH based on biocatalytic growth of Au-Ag core-shell nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 99, 390-3	4.4	6
51	Study on Magnetic Chitosan Microparticles for Rapid Removal of Heavy Metals. <i>Advanced Materials Research</i> , <b>2012</b> , 518-523, 2844-2848	0.5	2
50	Sensitive and renewable picloram immunosensor based on paramagnetic immobilisation. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2012</b> , 92, 729-741	1.8	8
49	PEI-grafted magnetic porous powder for highly effective adsorption of heavy metal ions. <i>Desalination</i> , <b>2011</b> , 281, 278-284	10.3	254
48	Cr(VI) reduction by <i>Pseudomonas aeruginosa</i> immobilized in a polyvinyl alcohol/sodium alginate matrix containing multi-walled carbon nanotubes. <i>Bioresource Technology</i> , <b>2011</b> , 102, 10733-6	11	70

47	Preparation and application of stability enhanced magnetic nanoparticles for rapid removal of Cr(VI). <i>Chemical Engineering Journal</i> , <b>2011</b> , 175, 222-227	14.7	166
46	Electrochemical DNA sensor for simultaneous detection of genes encoding two functional enzymes involved in lignin degradation. <i>Biochemical Engineering Journal</i> , <b>2011</b> , 55, 185-192	4.2	3
45	Effects of inoculation with <i>Phanerochaete chrysosporium</i> on remediation of pentachlorophenol-contaminated soil waste by composting. <i>Process Biochemistry</i> , <b>2011</b> , 46, 1285-1291	4.8	36
44	Laccase biosensor using magnetic multiwalled carbon nanotubes and chitosan/silica hybrid membrane modified magnetic carbon paste electrode. <i>Central South University</i> , <b>2011</b> , 18, 1849-1856		18
43	An electrochemical DNA sensor based on a layers-film construction modified electrode. <i>Analyst, The</i> , <b>2011</b> , 136, 4204-10	5	37
42	Gold nanoparticles/water-soluble carbon nanotubes/aromatic diamine polymer composite films for highly sensitive detection of cellobiose dehydrogenase gene. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4775-4782	6.7	16
41	Electrochemical detection of <i>Pseudomonas aeruginosa</i> 16S rRNA using a biosensor based on immobilized stem-loop structured probe. <i>Enzyme and Microbial Technology</i> , <b>2011</b> , 49, 266-71	3.8	22
40	Hypoxia-inducible factor-1 $\alpha$ contributes to the profibrotic action of angiotensin II in renal medullary interstitial cells. <i>Kidney International</i> , <b>2011</b> , 79, 300-10	9.9	75
39	Estimation of Volatile Organic Compound Mass Transfer Coefficients in the Vacuum Desorption of Acetone from Activated Carbon. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 4732-4740	2.8	7
38	Highly sensitive fluorescence quantification of picloram using immunorecognition liposome. <i>Talanta</i> , <b>2010</b> , 83, 210-5	6.2	21
37	Epitaxial Growth of Trichosanthin Protein Crystals on Mica Surface. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2766-2769	3.5	13
36	Biodelignification of rice straw by <i>Phanerochaete chrysosporium</i> in the presence of dirhamnolipid. <i>Biodegradation</i> , <b>2010</b> , 21, 615-24	4.1	36
35	Transfer of heavy metals from compost to red soil and groundwater under simulated rainfall conditions. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 181, 211-6	12.8	55
34	Changes of microbial population structure related to lignin degradation during lignocellulosic waste composting. <i>Bioresource Technology</i> , <b>2010</b> , 101, 4062-7	11	97
33	Trace detection of picloram using an electrochemical immunosensor based on three-dimensional gold nanoclusters. <i>Analytical Biochemistry</i> , <b>2010</b> , 407, 172-9	3.1	42
32	Artificial Neural Network Approach for Predicting Cation Exchange Capacity in Soil Based on Physico-Chemical Properties. <i>Environmental Engineering Science</i> , <b>2009</b> , 26, 137-146	2	27
31	Integrated Geographic Information Systems Based Suitability Evaluation of Urban Land Expansion: A Combination of Analytic Hierarchy Process and Grey Relational Analysis. <i>Environmental Engineering Science</i> , <b>2009</b> , 26, 1025-1032	2	11
30	Novel Neural Network-Based Prediction Model for Quantifying Hydroquinone in Compost with Biosensor Measurements. <i>Environmental Engineering Science</i> , <b>2009</b> , 26, 1063-1070	2	10



29	Highly sensitive sensor for detection of NADH based on catalytic growth of Au nanoparticles on glassy carbon electrode. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 393, 1677-84	4.4	36
28	Study Progress on Biosensing Core/shell Nanoparticles. <i>Chinese Journal of Analytical Chemistry</i> , <b>2009</b> , 37, 1847-1852	1.6	8
27	Influence of Phanerochaete chrysosporium on microbial communities and lignocellulose degradation during solid-state fermentation of rice straw. <i>Process Biochemistry</i> , <b>2009</b> , 44, 17-22	4.8	44
26	Sensitive detection of lip genes by electrochemical DNA sensor and its application in polymerase chain reaction amplicons from Phanerochaete chrysosporium. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 1474-9	11.8	49
25	Time-resolved fluorescence based DNA detection using novel europium ternary complex doped silica nanoparticles. <i>Talanta</i> , <b>2009</b> , 80, 991-5	6.2	29
24	Determination of trace mercury in compost extract by inhibition based glucose oxidase biosensor. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2009</b> , 19, 235-240	3.3	24
23	Effects of the augments of liver regeneration on the biological behavior of hepatocellular carcinoma. <i>Journal of King Abdulaziz University, Islamic Economics</i> , <b>2009</b> , 30, 1001-9	1.1	8
22	Spatial analyzing system for urban land-use management based on GIS and multi-criteria assessment modeling. <i>Progress in Natural Science: Materials International</i> , <b>2008</b> , 18, 1279-1284	3.6	55
21	Degradation of lead-contaminated lignocellulosic waste by Phanerochaete chrysosporium and the reduction of lead toxicity. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 4946-51	10.3	247
20	Rapid detection of picloram in agricultural field samples using a disposable immunomembrane-based electrochemical sensor. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 1207-12	10.3	204
19	Input/Output Budgets for Inorganic Nitrogen Under Acid Rain in a Subtropical Evergreen Mixed Forest in Central-South China. <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 190, 171-181	2.6	10
18	Synthesis, in vitro and in vivo behavior of 188Re(I)-tricarbonyl complexes for the future functionalization of biomolecules. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2008</b> , 275, 325-330	1.5	16
17	Catechol determination in compost bioremediation using a laccase sensor and artificial neural networks. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 679-85	4.4	61
16	Effects of dirhamnolipid and SDS on enzyme production from Phanerochaete chrysosporium in submerged fermentation. <i>Process Biochemistry</i> , <b>2008</b> , 43, 1300-1303	4.8	27
15	Cadmium removal from simulated wastewater to biomass byproduct of <i>Lentinus edodes</i> . <i>Bioresource Technology</i> , <b>2008</b> , 99, 7034-40	11	103
14	An electrochemical sensor for detection of laccase activities from <i>Penicillium simplicissimum</i> in compost based on carbon nanotubes modified glassy carbon electrode. <i>Bioresource Technology</i> , <b>2008</b> , 99, 8748-51	11	24
13	Effect of biodelignification of rice straw on humification and humus quality by Phanerochaete chrysosporium and <i>Streptomyces badius</i> . <i>International Biodeterioration and Biodegradation</i> , <b>2008</b> , 61, 331-336	4.8	27
12	Composting of lead-contaminated solid waste with inocula of white-rot fungus. <i>Bioresource Technology</i> , <b>2007</b> , 98, 320-6	11	71



11	A hydroquinone biosensor using modified core-shell magnetic nanoparticles supported on carbon paste electrode. <i>Biosensors and Bioelectronics</i> , <b>2007</b> , 22, 2121-6	11.8	248
10	Combining AHP with GIS in synthetic evaluation of eco-environment quality—A case study of Hunan Province, China. <i>Ecological Modelling</i> , <b>2007</b> , 209, 97-109	3	178
9	Epitaxial Growth of Peptide Nanofilaments on Inorganic Surfaces: Effects of Interfacial Hydrophobicity/Hydrophilicity. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3693-3695	3.6	9
8	Simultaneous amperometric determination of lignin peroxidase and manganese peroxidase activities in compost bioremediation using artificial neural networks. <i>Analytica Chimica Acta</i> , <b>2006</b> , 579, 109-16	6.6	36
7	Study of the disassembly-assembly process of alpha-synuclein fibrils by in situ atomic force microscopy. <i>Micron</i> , <b>2006</b> , 37, 675-9	2.3	7
6	Detection of phenylhydrazine based on lectin-glycoenzyme multilayer-film modified biosensor. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2005</b> , 85, 111-125	1.8	18
5	Amperometric detection of lignin-degrading peroxidase activities from Phanerochaete chrysosporium. <i>Enzyme and Microbial Technology</i> , <b>2005</b> , 36, 960-966	3.8	17
4	Structural Evidence for $\beta$ -Synuclein Fibrils Using in Situ Atomic Force Microscopy. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2005</b> , 37, 113-118	2.8	1
3	Inhibition biosensor for determination of nicotine. <i>Analytica Chimica Acta</i> , <b>2004</b> , 509, 151-157	6.6	37
2	Determination of trace chromium(VI) by an inhibition-based enzyme biosensor incorporating an electropolymerized aniline membrane and ferrocene as electron transfer mediator. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2004</b> , 84, 761-774	1.8	37
1	Recent advances in the applications of nanozymes for the efficient detection/removal of organic pollutants: a review. <i>Environmental Science: Nano</i> ,	7.1	2