## List of Publications by Year in descending order

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		5896	11052
159	19,751	81	137
papers	citations	h-index	g-index
159 all docs	159 docs citations	159 times ranked	15851 citing authors

CITT

#	Article	IF	CITATIONS
1	Recent progress of noble metals with tailored features in catalytic oxidation for organic pollutants degradation. Journal of Hazardous Materials, 2022, 422, 126950.	12.4	49
2	Heteroatom doping in metal-free carbonaceous materials for the enhancement of persulfate activation. Chemical Engineering Journal, 2022, 427, 131655.	12.7	90
3	Activation of persulfate by swine bone derived biochar: Insight into the specific role of different active sites and the toxicity of acetaminophen degradation pathways. Science of the Total Environment, 2022, 807, 151059.	8.0	25
4	Efficient antibiotics removal via the synergistic effect of manganese ferrite and MoS2. Chemosphere, 2022, 288, 132494.	8.2	11
5	Synergistic effect of flower-like MnFe2O4/MoS2 on photo-Fenton oxidation remediation of tetracycline polluted water. Journal of Colloid and Interface Science, 2022, 608, 942-953.	9.4	60
6	The promising NIR light-driven MO3-x (MÂ=ÂMo, W) photocatalysts for energy conversion and environmental remediation. Chemical Engineering Journal, 2022, 431, 134044.	12.7	24
7	Facile synthesis of Mn, Ce co-doped g-C3N4 composite for peroxymonosulfate activation towards organic contaminant degradation. Chemosphere, 2022, 293, 133472.	8.2	41
8	H <sub>2</sub> O <sub>2</sub> -free photo-Fenton system for antibiotics degradation in water <i>via</i> the synergism of oxygen-enriched graphitic carbon nitride polymer and nano manganese ferrite. Environmental Science: Nano, 2022, 9, 815-826.	4.3	19
9	Graphynes: ideal supports of single atoms for electrochemical energy conversion. Journal of Materials Chemistry A, 2022, 10, 3905-3932.	10.3	21
10	Nitrogen-doping coupled with cerium oxide loading co-modified graphitic carbon nitride for highly enhanced photocatalytic degradation of tetracycline under visible light. Chemosphere, 2022, 293, 133648.	8.2	16
11	Oxygen vacancy assisted Mn-CuO Fenton-like oxidation of ciprofloxacin: Performance, effects of pH and mechanism. Separation and Purification Technology, 2022, 287, 120517.	7.9	35
12	Degradation of tetracycline by FeNi-LDH/Ti3C2 photo-Fenton system in water: From performance to mechanism. Chemosphere, 2022, 294, 133736.	8.2	29
13	Enhancing hydrogen peroxide activation of Cu Co layered double hydroxide by compositing with biochar: Performance and mechanism. Science of the Total Environment, 2022, 828, 154188.	8.0	33
14	A potential link between the structure of iron catalysts and Fenton-like performance: from fundamental understanding to engineering design. Journal of Materials Chemistry A, 2022, 10, 12788-12804.	10.3	15
15	Atomically dispersed metal catalysts confined by covalent organic frameworks and their derivatives for electrochemical energy conversion and storage. Coordination Chemistry Reviews, 2022, 466, 214592.	18.8	16
16	Molecular engineering of donor-acceptor structured g-C3N4 for superior photocatalytic oxytetracycline degradation. Chemical Engineering Journal, 2022, 448, 137370.	12.7	70
17	Peroxydisulfate activation by sulfur-doped ordered mesoporous carbon: Insight into the intrinsic relationship between defects and 1O2 generation. Water Research, 2022, 221, 118797.	11.3	104
18	A direct Z-scheme oxygen vacant BWO/oxygen-enriched graphitic carbon nitride polymer heterojunction with enhanced photocatalytic activity. Chemical Engineering Journal, 2021, 403, 126363.	12.7	72

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19	Progress and challenges of metal-organic frameworks-based materials for SR-AOPs applications in water treatment. Chemosphere, 2021, 263, 127672.	8.2	138
20	Metal-organic frameworks as burgeoning materials for the capture and sensing of indoor VOCs and radon gases. Coordination Chemistry Reviews, 2021, 427, 213565.	18.8	94
21	Future roadmap on nonmetal-based 2D ultrathin nanomaterials for photocatalysis. Chemical Engineering Journal, 2021, 406, 126780.	12.7	39
22	Improving the Fenton-like catalytic performance of MnOx-Fe3O4/biochar using reducing agents: A comparative study. Journal of Hazardous Materials, 2021, 406, 124333.	12.4	115
23	<i>In situ</i> chemical oxidation: peroxide or persulfate coupled with membrane technology for wastewater treatment. Journal of Materials Chemistry A, 2021, 9, 11944-11960.	10.3	69
24	Recent Advance of Transitionâ€Metalâ€Based Layered Double Hydroxide Nanosheets: Synthesis, Properties, Modification, and Electrocatalytic Applications. Advanced Energy Materials, 2021, 11, 2002863.	19.5	137
25	Facile synthesis of CeO2/carbonate doped Bi2O2CO3 Z-scheme heterojunction for improved visible-light photocatalytic performance: Photodegradation of tetracycline and photocatalytic mechanism. Journal of Colloid and Interface Science, 2021, 588, 283-294.	9.4	120
26	N, S-GQDs and Au nanoparticles co-modified ultrathin Bi2MoO6 nanosheet with enhanced charge transport dynamics for full-spectrum-light-driven molecular oxygen activation. Chemical Engineering Journal, 2021, 409, 128281.	12.7	32
27	MXenes as Superexcellent Support for Confining Single Atom: Properties, Synthesis, and Electrocatalytic Applications. Small, 2021, 17, e2007113.	10.0	52
28	Enhancing iron redox cycling for promoting heterogeneous Fenton performance: A review. Science of the Total Environment, 2021, 775, 145850.	8.0	114
29	Gold nanoparticles-modified MnFe2O4 with synergistic catalysis for photo-Fenton degradation of tetracycline under neutral pH. Journal of Hazardous Materials, 2021, 414, 125448.	12.4	140
30	Visual Method for Selective Detection of Hg <sup>2+</sup> Based on the Competitive Interactions of 2-Thiobarbituric Acid with Au Nanoparticles and Hg <sup>2+</sup> . ACS Applied Nano Materials, 2021, 4, 6760-6767.	5.0	15
31	New notion of biochar: A review on the mechanism of biochar applications in advannced oxidation processes. Chemical Engineering Journal, 2021, 416, 129027.	12.7	153
32	Critical review of advanced oxidation processes in organic wastewater treatment. Chemosphere, 2021, 275, 130104.	8.2	410
33	Enhanced visible-light-driven photocatalytic activity of bismuth oxide via the decoration of titanium carbide quantum dots. Journal of Colloid and Interface Science, 2021, 600, 161-173.	9.4	51
34	Insightful understanding of charge carrier transfer in 2D/2D heterojunction photocatalyst: Ni-Co layered double hydroxides deposited on ornamental g-C3N4 ultrathin nanosheet with boosted molecular oxygen activation. Chemical Engineering Journal, 2021, 422, 130120.	12.7	49
35	Facile one-pot synthesis of carbon self-doped graphitic carbon nitride loaded with ultra-low ceric dioxide for high-efficiency environmental photocatalysis: Organic pollutants degradation and hexavalent chromium reduction. Journal of Colloid and Interface Science, 2021, 601, 196-208.	9.4	77
36	Recent advances in the application of water-stable metal-organic frameworks: Adsorption and photocatalytic reduction of heavy metal in water. Chemosphere, 2021, 285, 131432.	8.2	111

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37	COF-confined catalysts: from nanoparticles and nanoclusters to single atoms. Journal of Materials Chemistry A, 2021, 9, 24148-24174.	10.3	37
38	Porous graphitic carbon nitride nanomaterials for water treatment. Environmental Science: Nano, 2021, 8, 1835-1862.	4.3	16
39	Porous materials confining noble metals for the catalytic reduction of nitroaromatics: controllable synthesis and enhanced mechanism. Environmental Science: Nano, 2021, 8, 3067-3097.	4.3	22
40	Persulfate activation by swine bone char-derived hierarchical porous carbon: Multiple mechanism system for organic pollutant degradation in aqueous media. Chemical Engineering Journal, 2020, 383, 123091.	12.7	118
41	Recent progress on metal-organic frameworks based- and derived-photocatalysts for water splitting. Chemical Engineering Journal, 2020, 383, 123196.	12.7	148
42	Role of radical and non-radical pathway in activating persulfate for degradation of p-nitrophenol by sulfur-doped ordered mesoporous carbon. Chemical Engineering Journal, 2020, 384, 123304.	12.7	208
43	Recent development of advanced biotechnology for wastewater treatment. Critical Reviews in Biotechnology, 2020, 40, 99-118.	9.0	35
44	Synergistic removal of copper and tetracycline from aqueous solution by steam-activated bamboo-derived biochar. Journal of Hazardous Materials, 2020, 384, 121470.	12.4	121
45	Anchoring single-unit-cell defect-rich bismuth molybdate layers on ultrathin carbon nitride nanosheet with boosted charge transfer for efficient photocatalytic ciprofloxacin degradation. Journal of Colloid and Interface Science, 2020, 560, 701-713.	9.4	57
46	Metal-organic frameworks and their derivatives as signal amplification elements for electrochemical sensing. Coordination Chemistry Reviews, 2020, 424, 213520.	18.8	105
47	Unravelling the role of dual quantum dots cocatalyst in 0D/2D heterojunction photocatalyst for promoting photocatalytic organic pollutant degradation. Chemical Engineering Journal, 2020, 396, 125343.	12.7	132
48	Hybrid architectures based on noble metals and carbon-based dots nanomaterials: A review of recent progress in synthesis and applications. Chemical Engineering Journal, 2020, 399, 125743.	12.7	70
49	Graphdiyne: A Rising Star of Electrocatalyst Support for Energy Conversion. Advanced Energy Materials, 2020, 10, 2000177.	19.5	100
50	Insight into the mechanism of persulfate activated by bone char: Unraveling the role of functional structure of biochar. Chemical Engineering Journal, 2020, 401, 126127.	12.7	106
51	Interface modulation of Mo <sub>2</sub> C@foam nickel <i>via</i> MoS <sub>2</sub> quantum dots for the electrochemical oxygen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 15074-15085.	10.3	25
52	Unravelling the interfacial charge migration pathway at atomic level in 2D/2D interfacial Schottky heterojunction for visible-light-driven molecular oxygen activation. Applied Catalysis B: Environmental, 2020, 266, 118650.	20.2	150
53	ZIF-8-modified MnFe2O4 with high crystallinity and superior photo-Fenton catalytic activity by Zn-O-Fe structure for TC degradation. Chemical Engineering Journal, 2020, 392, 124851.	12.7	192
54	Sustainable hydrogen production by molybdenum carbide-based efficient photocatalysts: From properties to mechanism. Advances in Colloid and Interface Science, 2020, 279, 102144.	14.7	55

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55	Strategy to improve gold nanoparticles loading efficiency on defect-free high silica ZSM-5 zeolite for the reduction of nitrophenols. Chemosphere, 2020, 256, 127083.	8.2	57
56	Degradation of sulfamethazine by biochar-supported bimetallic oxide/persulfate system in natural water: Performance and reaction mechanism. Journal of Hazardous Materials, 2020, 398, 122816.	12.4	133
57	Metal Organic Frameworks as Robust Host of Palladium Nanoparticles in Heterogeneous Catalysis: Synthesis, Application, and Prospect. ACS Applied Materials & Interfaces, 2019, 11, 32579-32598.	8.0	120
58	Cooperative catalytic performance of bimetallic Ni-Au nanocatalyst for highly efficient hydrogenation of nitroaromatics and corresponding mechanism insight. Applied Catalysis B: Environmental, 2019, 259, 118035.	20.2	154
59	Dugongs under threat. Science, 2019, 365, 552-552.	12.6	7
60	Visible-light-driven photocatalytic degradation of sulfamethazine by surface engineering of carbon nitride:Properties, degradation pathway and mechanisms. Journal of Hazardous Materials, 2019, 380, 120815.	12.4	131
61	Hierarchical porous carbon material restricted Au catalyst for highly catalytic reduction of nitroaromatics. Journal of Hazardous Materials, 2019, 380, 120864.	12.4	110
62	Electrochemical biosensor for amplified detection of Pb2+ based on perfect match of reduced graphene oxide–gold nanoparticles and single-stranded DNAzyme. Analytical and Bioanalytical Chemistry, 2019, 411, 7499-7509.	3.7	14
63	Recent advances in covalent organic frameworks (COFs) as a smart sensing material. Chemical Society Reviews, 2019, 48, 5266-5302.	38.1	630
64	Multiple charge-carrier transfer channels of Z-scheme bismuth tungstate-based photocatalyst for tetracycline degradation: Transformation pathways and mechanism. Journal of Colloid and Interface Science, 2019, 555, 770-782.	9.4	45
65	Powerful combination of g-C3N4 and LDHs for enhanced photocatalytic performance: A review of strategy, synthesis, and applications. Advances in Colloid and Interface Science, 2019, 272, 101999.	14.7	127
66	Covalent triazine frameworks for carbon dioxide capture. Journal of Materials Chemistry A, 2019, 7, 22848-22870.	10.3	106
67	Ultrathin oxygen-vacancy abundant WO3 decorated monolayer Bi2WO6 nanosheet: A 2D/2D heterojunction for the degradation of Ciprofloxacin under visible and NIR light irradiation. Journal of Colloid and Interface Science, 2019, 556, 557-567.	9.4	89
68	Adsorption behavior of engineered carbons and carbon nanomaterials for metal endocrine disruptors: Experiments and theoretical calculation. Chemosphere, 2019, 222, 184-194.	8.2	157
69	Black Phosphorus, a Rising Star 2D Nanomaterial in the Postâ€Graphene Era: Synthesis, Properties, Modifications, and Photocatalysis Applications. Small, 2019, 15, e1804565.	10.0	244
70	Prussian blue analogue derived magnetic Cu-Fe oxide as a recyclable photo-Fenton catalyst for the efficient removal of sulfamethazine at near neutral pH values. Chemical Engineering Journal, 2019, 362, 865-876.	12.7	181
71	Biochar for environmental management: Mitigating greenhouse gas emissions, contaminant treatment, and potential negative impacts. Chemical Engineering Journal, 2019, 373, 902-922.	12.7	256
72	Degradation of naphthalene with magnetic bio-char activate hydrogen peroxide: Synergism of bio-char and Fe–Mn binary oxides. Water Research, 2019, 160, 238-248.	11.3	335

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73	An overview on nitride and nitrogen-doped photocatalysts for energy and environmental applications. Composites Part B: Engineering, 2019, 172, 704-723.	12.0	61
74	Chitosan functionalized activated coke for Au nanoparticles anchoring: Green synthesis and catalytic activities in hydrogenation of nitrophenols and azo dyes. Applied Catalysis B: Environmental, 2019, 255, 117740.	20.2	197
75	Enhancement of Detoxification of Petroleum Hydrocarbons and Heavy Metals in Oil-Contaminated Soil by Using Glycine-Î2-Cyclodextrin. International Journal of Environmental Research and Public Health, 2019, 16, 1155.	2.6	18
76	Effects of typical engineered nanomaterials on 4-nonylphenol degradation in river sediment: based on bacterial community and function analysis. Environmental Science: Nano, 2019, 6, 2171-2184.	4.3	8
77	Peroxidaseâ€Like Activity of Smart Nanomaterials and Their Advanced Application in Colorimetric Glucose Biosensors. Small, 2019, 15, e1900133.	10.0	145
78	Synergistic effect of artificial enzyme and 2D nano-structured Bi2WO6 for eco-friendly and efficient biomimetic photocatalysis. Applied Catalysis B: Environmental, 2019, 250, 52-62.	20.2	340
79	Metal or metal-containing nanoparticle@MOF nanocomposites as a promising type of photocatalyst. Coordination Chemistry Reviews, 2019, 388, 63-78.	18.8	235
80	Fabrication of novel magnetic MnFe2O4/bio-char composite and heterogeneous photo-Fenton degradation of tetracycline in near neutral pH. Chemosphere, 2019, 224, 910-921.	8.2	287
81	Effects of multi-walled carbon nanotubes on metal transformation and natural organic matters in riverine sediment. Journal of Hazardous Materials, 2019, 374, 459-468.	12.4	27
82	Facile synthesis of bismuth oxyhalogen-based Z-scheme photocatalyst for visible-light-driven pollutant removal: Kinetics, degradation pathways and mechanism. Journal of Cleaner Production, 2019, 225, 898-912.	9.3	101
83	Immobilized laccase on bentonite-derived mesoporous materials for removal of tetracycline. Chemosphere, 2019, 222, 865-871.	8.2	121
84	In-situ deposition of gold nanoparticles onto polydopamine-decorated g-C3N4 for highly efficient reduction of nitroaromatics in environmental water purification. Journal of Colloid and Interface Science, 2019, 534, 357-369.	9.4	200
85	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. Chemical Society Reviews, 2019, 48, 488-516.	38.1	564
86	Colorimetric determination of mercury(II) using gold nanoparticles and double ligand exchange. Mikrochimica Acta, 2019, 186, 31.	5.0	38
87	Rational design 2D/2D BiOBr/CDs/g-C3N4 Z-scheme heterojunction photocatalyst with carbon dots as solid-state electron mediators for enhanced visible and NIR photocatalytic activity: Kinetics, intermediates, and mechanism insight. Journal of Catalysis, 2019, 369, 469-481.	6.2	285
88	Au nanoparticles decorated on activated coke via a facile preparation for efficient catalytic reduction of nitrophenols and azo dyes. Applied Surface Science, 2019, 473, 578-588.	6.1	134
89	Boron nitride quantum dots decorated ultrathin porous g-C3N4: Intensified exciton dissociation and charge transfer for promoting visible-light-driven molecular oxygen activation. Applied Catalysis B: Environmental, 2019, 245, 87-99.	20.2	543
90	Insights into the effect of chemical treatment on the physicochemical characteristics and adsorption behavior of pig manure-derived biochars. Environmental Science and Pollution Research, 2019, 26, 1962-1972.	5.3	7

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91	Deciphering the Fenton-reaction-aid lignocellulose degradation pattern by Phanerochaete chrysosporium with ferroferric oxide nanomaterials: Enzyme secretion, straw humification and structural alteration. Bioresource Technology, 2019, 276, 335-342.	9.6	41
92	Synthetic strategies and application of gold-based nanocatalysts for nitroaromatics reduction. Science of the Total Environment, 2019, 652, 93-116.	8.0	44
93	Nano-structured bismuth tungstate with controlled morphology: Fabrication, modification, environmental application and mechanism insight. Chemical Engineering Journal, 2019, 358, 480-496.	12.7	185
94	Fabrication of CuS/BiVO4 (Oâ€ <sup>–</sup> 4â€ <sup>–</sup> 0) binary heterojunction photocatalysts with enhanced photocatalytic activity for Ciprofloxacin degradation and mechanism insight. Chemical Engineering Journal, 2019, 358, 891-902.	12.7	401
95	Mechanisms for rhamnolipids-mediated biodegradation of hydrophobic organic compounds. Science of the Total Environment, 2018, 634, 1-11.	8.0	75
96	Rational Design of Carbon-Doped Carbon Nitride/Bi <sub>12</sub> O <sub>17</sub> Cl <sub>2</sub> Composites: A Promising Candidate Photocatalyst for Boosting Visible-Light-Driven Photocatalytic Degradation of Tetracycline. ACS Sustainable Chemistry and Engineering, 2018, 6, 6941-6949.	6.7	196
97	Investigating the adsorption behavior and the relative distribution of Cd2+ sorption mechanisms on biochars by different feedstock. Bioresource Technology, 2018, 261, 265-271.	9.6	278
98	A novel biosorbent prepared by immobilized Bacillus licheniformis for lead removal from wastewater. Chemosphere, 2018, 200, 173-179.	8.2	81
99	"Gold rush―in modern science: Fabrication strategies and typical advanced applications of gold nanoparticles in sensing. Coordination Chemistry Reviews, 2018, 359, 1-31.	18.8	261
100	In Situ Grown Agl/Bi <sub>12</sub> O <sub>17</sub> Cl <sub>2</sub> Heterojunction Photocatalysts for Visible Light Degradation of Sulfamethazine: Efficiency, Pathway, and Mechanism. ACS Sustainable Chemistry and Engineering, 2018, 6, 4174-4184.	6.7	249
101	Preparation of water-compatible molecularly imprinted thiol-functionalized activated titanium dioxide: Selective adsorption and efficient photodegradation of 2, 4-dinitrophenol in aqueous solution. Journal of Hazardous Materials, 2018, 346, 113-123.	12.4	146
102	High adsorption of methylene blue by salicylic acid–methanol modified steel converter slag and evaluation of its mechanism. Journal of Colloid and Interface Science, 2018, 515, 232-239.	9.4	96
103	BiOX (Xâ€=â€ <sup>-</sup> Cl, Br, I) photocatalytic nanomaterials: Applications for fuels and environmental management. Advances in Colloid and Interface Science, 2018, 254, 76-93.	14.7	422
104	Efficient degradation of sulfamethazine in simulated and real wastewater at slightly basic pH values using Co-SAM-SCS /H2O2 Fenton-like system. Water Research, 2018, 138, 7-18.	11.3	198
105	Tween 80 surfactant-enhanced bioremediation: toward a solution to the soil contamination by hydrophobic organic compounds. Critical Reviews in Biotechnology, 2018, 38, 17-30.	9.0	80
106	Rhamnolipid stabilized nano-chlorapatite: Synthesis and enhancement effect on Pb-and Cd-immobilization in polluted sediment. Journal of Hazardous Materials, 2018, 343, 332-339.	12.4	139
107	Highly porous carbon nitride by supramolecular preassembly of monomers for photocatalytic removal of sulfamethazine under visible light driven. Applied Catalysis B: Environmental, 2018, 220, 202-210.	20.2	478
108	Enhanced bioremediation of 4-nonylphenol and cadmium co-contaminated sediment by composting with Phanerochaete chrysosporium inocula. Bioresource Technology, 2018, 250, 625-634.	9.6	40

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109	Simultaneous degradation of P-nitroaniline and electricity generation by using a microfiltration membrane dual-chamber microbial fuel cell. International Journal of Hydrogen Energy, 2018, 43, 1749-1757.	7.1	35
110	Molecular docking simulation on the interactions of laccase from Trametes versicolor with nonylphenol and octylphenol isomers. Bioprocess and Biosystems Engineering, 2018, 41, 331-343.	3.4	30
111	Transcriptome analysis reveals novel insights into the response to Pb exposure in Phanerochaete chrysosporium. Chemosphere, 2018, 194, 657-665.	8.2	12
112	Electrochemical Aptasensor Based on Sulfur–Nitrogen Codoped Ordered Mesoporous Carbon and Thymine–Hg <sup>2+</sup> –Thymine Mismatch Structure for Hg <sup>2+</sup> Detection. ACS Sensors, 2018, 3, 2566-2573.	7.8	137
113	Alkali Metal-Assisted Synthesis of Graphite Carbon Nitride with Tunable Band-Gap for Enhanced Visible-Light-Driven Photocatalytic Performance. ACS Sustainable Chemistry and Engineering, 2018, 6, 15503-15516.	6.7	188
114	Recent advances in sensors for tetracycline antibiotics and their applications. TrAC - Trends in Analytical Chemistry, 2018, 109, 260-274.	11.4	190
115	Strategies to improve metal organic frameworks photocatalyst's performance for degradation of organic pollutants. Coordination Chemistry Reviews, 2018, 376, 449-466.	18.8	139
116	Construction of iodine vacancy-rich BiOI/Ag@AgI Z-scheme heterojunction photocatalysts for visible-light-driven tetracycline degradation: Transformation pathways and mechanism insight. Chemical Engineering Journal, 2018, 349, 808-821.	12.7	538
117	Facile Hydrothermal Synthesis of <i>Z</i> Scheme Bi <sub>2</sub> Fe <sub>4</sub> O <sub>9</sub> /Bi <sub>2</sub> WO <sub>6</sub> Heterojunction Photocatalyst with Enhanced Visible Light Photocatalytic Activity. ACS Applied Materials & amp; Interfaces, 2018, 10, 18824-18836.	8.0	397
118	Selective prepared carbon nanomaterials for advanced photocatalytic application in environmental pollutant treatment and hydrogen production. Applied Catalysis B: Environmental, 2018, 239, 408-424.	20.2	386
119	Advanced photocatalytic Fenton-like process over biomimetic hemin-Bi2WO6 with enhanced pH. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 184-192.	5.3	132
120	Semiconductor/boron nitride composites: Synthesis, properties, and photocatalysis applications. Applied Catalysis B: Environmental, 2018, 238, 6-18.	20.2	289
121	Difunctional chitosan-stabilized Fe/Cu bimetallic nanoparticles for removal of hexavalent chromium wastewater. Science of the Total Environment, 2018, 644, 1181-1189.	8.0	76
122	Metal-organic frameworks for highly efficient heterogeneous Fenton-like catalysis. Coordination Chemistry Reviews, 2018, 368, 80-92.	18.8	401
123	A visual application of gold nanoparticles: Simple, reliable and sensitive detection of kanamycin based on hydrogen-bonding recognition. Sensors and Actuators B: Chemical, 2017, 243, 946-954.	7.8	170
124	Effect of multi-walled carbon nanotubes on phytotoxicity of sediments contaminated by phenanthrene and cadmium. Chemosphere, 2017, 172, 449-458.	8.2	82
125	Sensitive and selective detection of glutathione based on anti-catalytical growth of gold nanoparticles colorimetric sensor. International Journal of Environmental Analytical Chemistry, 2017, 97, 71-84.	3.3	6
126	The rapid degradation of bisphenol A induced by the response of indigenous bacterial communities in sediment. Applied Microbiology and Biotechnology, 2017, 101, 3919-3928.	3.6	34

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127	Effects of calcium at toxic concentrations of cadmium in plants. Planta, 2017, 245, 863-873.	3.2	169
128	Sequestration of HCHs and DDTs in sediments in Dongting Lake of China with multiwalled carbon nanotubes: implication for in situ sequestration. Environmental Science and Pollution Research, 2017, 24, 7726-7739.	5.3	3
129	Chitosan-wrapped gold nanoparticles for hydrogen-bonding recognition and colorimetric determination of the antibiotic kanamycin. Mikrochimica Acta, 2017, 184, 2097-2105.	5.0	79
130	Interactions of carbon nanotubes and/or graphene with manganese peroxidase during biodegradation of endocrine disruptors and triclosan. Chemosphere, 2017, 184, 127-136.	8.2	41
131	Activities of laccase produced by a strains Penicillium simplicissimum induced by chemical agentia and UV radiation. Journal of Central South University, 2017, 24, 1953-1958.	3.0	8
132	Lead-induced oxidative stress and antioxidant response provide insight into the tolerance of Phanerochaete chrysosporium to lead exposure. Chemosphere, 2017, 187, 70-77.	8.2	58
133	How Do Enzymes â€~Meet' Nanoparticles and Nanomaterials?. Trends in Biochemical Sciences, 2017, 42, 914-930.	7.5	144
134	Comprehensive evaluation of the cytotoxicity of CdSe/ZnS quantum dots in Phanerochaete chrysosporium by cellular uptake and oxidative stress. Environmental Science: Nano, 2017, 4, 2018-2029.	4.3	81
135	Effect of Phanerochaete chrysosporium inoculation on bacterial community and metal stabilization in lead-contaminated agricultural waste composting. Bioresource Technology, 2017, 243, 294-303.	9.6	121
136	Spatiotemporal and species variations in prokaryotic communities associated with sediments from surface-flow constructed wetlands for treating swine wastewater. Chemosphere, 2017, 185, 1-10.	8.2	19
137	Manganese-enhanced degradation of lignocellulosic waste by Phanerochaete chrysosporium: evidence of enzyme activity and gene transcription. Applied Microbiology and Biotechnology, 2017, 101, 6541-6549.	3.6	21
138	The interactions of composting and biochar and their implications for soil amendment and pollution remediation: a review. Critical Reviews in Biotechnology, 2017, 37, 754-764.	9.0	303
139	Incentive effect of bentonite and concrete admixtures on stabilization/solidification for heavy metal-polluted sediments of Xiangjiang River. Environmental Science and Pollution Research, 2017, 24, 892-901.	5.3	20
140	Practical and regenerable electrochemical aptasensor based on nanoporous gold and thymine-Hg 2+ -thymine base pairs for Hg 2+ detection. Biosensors and Bioelectronics, 2017, 90, 542-548.	10.1	98
141	Anaerobic ammonium oxidation in sediments of surface flow constructed wetlands treating swine wastewater. Applied Microbiology and Biotechnology, 2017, 101, 1301-1311.	3.6	21
142	Determination of Cd2+ and Pb2+ Based on Mesoporous Carbon Nitride/Self-Doped Polyaniline Nanofibers and Square Wave Anodic Stripping Voltammetry. Nanomaterials, 2016, 6, 7.	4.1	45
143	Degradation of atrazine by a novel Fenton-like process and assessment the influence on the treated soil. Journal of Hazardous Materials, 2016, 312, 184-191.	12.4	168
144	Influence of morphological and chemical features of biochar on hydrogen peroxide activation: implications on sulfamethazine degradation. RSC Advances, 2016, 6, 73186-73196.	3.6	98

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145	Synthesis of surface molecular imprinted TiO2/graphene photocatalyst and its highly efficient photocatalytic degradation of target pollutant under visible light irradiation. Applied Surface Science, 2016, 390, 368-376.	6.1	242
146	Selective removal of BPA from aqueous solution using molecularly imprinted polymers based on magnetic graphene oxide. RSC Advances, 2016, 6, 106201-106210.	3.6	49
147	Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. Water Research, 2016, 95, 103-112.	11.3	326
148	Nanoporous Au-based chronocoulometric aptasensor for amplified detection of Pb2+ using DNAzyme modified with Au nanoparticles. Biosensors and Bioelectronics, 2016, 81, 61-67.	10.1	126
149	Sensitive and selective detection of mercury ions based on papain and 2,6-pyridinedicarboxylic acid functionalized gold nanoparticles. RSC Advances, 2016, 6, 3259-3266.	3.6	33
150	An optical-fiber sensor based on time-gated fluorescence for detecting water content in organic solvents. Analytical Methods, 2015, 7, 4621-4628.	2.7	20
151	Molecular basis of laccase bound to lignin: insight from comparative studies on the interaction of Trametes versicolor laccase with various lignin model compounds. RSC Advances, 2015, 5, 52307-52313.	3.6	52
152	Study of the degradation of methylene blue by semi-solid-state fermentation of agricultural residues with Phanerochaete chrysosporium and reutilization of fermented residues. Waste Management, 2015, 38, 424-430.	7.4	50
153	Synthesis and Application of Modified Zero-Valent Iron Nanoparticles for Removal of Hexavalent Chromium from Wastewater. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	42
154	A facile fluorescent probe based on anthraldehyde for trace Fe( <scp>iii</scp> ) ion determination in neutral aqueous solution. Analytical Methods, 2015, 7, 353-358.	2.7	11
155	Synthesis of gold–cellobiose nanocomposites for colorimetric measurement of cellobiase activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 369-374.	3.9	16
156	Combined removal of di(2-ethylhexyl)phthalate (DEHP) and Pb( <scp>ii</scp> ) by using a cutinase loaded nanoporous gold-polyethyleneimine adsorbent. RSC Advances, 2014, 4, 55511-55518.	3.6	47
157	Photocatalytic degradation of phenol by the heterogeneous Fe <sub>3</sub> O <sub>4</sub> nanoparticles and oxalate complex system. RSC Advances, 2014, 4, 40828-40836.	3.6	27
158	Colorimetric screening of β-glucosidase inhibition based on gold nanocomposites. Analytical Methods, 2014, 6, 312-315.	2.7	7
159	Functionalized Gold Nanoparticles for Visual Determination of Dopamine in Biological Fluids. ACS Applied Nano Materials, 0, , .	5.0	4