zhuqi Chen

List of Publications by Year
in descending order

137 papers	7,593 citations	50276 46 h-index	60623 81 g-index
141 all docs	141 docs citations	141 times ranked	5977 citing authors

#	Article	IF	Citations
1	A comparison study of bottomâ€up and topâ€down methods for analyzing the physical composition of municipal solid waste. Journal of Industrial Ecology, 2022, 26, 240-251.	5.5	5
2	Identification of step-by-step oxidation process and its driving mechanism in the peroxymonosulfate catalytically activated with redox metal oxides. Chemical Engineering Journal, 2022, 436, 131256.	12.7	8
3	Enhanced degradation of organic compounds through the interfacial transfer of electrons in the presence of phosphate and Nitrogen-cobalt doped graphitic carbon. Journal of Colloid and Interface Science, 2022, 607, 1641-1650.	9.4	16
4	Lanthanum hydroxide engineered sewage sludge biochar for efficient phosphate elimination: Mechanism interpretation using physical modelling. Science of the Total Environment, 2022, 803, 149888.	8.0	20
5	Biochar-based activation of peroxide: multivariate-controlled performance, modulatory surface reactive sites and tunable oxidative species. Chemical Engineering Journal, 2022, 428, 131233.	12.7	37
6	Application of a multilayer physical model for the critical analysis of the adsorption of nicotinamide and propranolol on magnetic-activated carbon. Environmental Science and Pollution Research, 2022, 29, 30184-30192.	5.3	8
7	Interlayered modified hydroxides for removal of graphene oxide from water: Mechanism and secondary applications. Separation and Purification Technology, 2022, 284, 120305.	7.9	6
8	Persulfate coupled with Cu2+/LDH-MoS4: A novel process for the efficient atrazine abatement, mechanism and degradation pathway. Chemical Engineering Journal, 2022, 436, 134933.	12.7	17
9	Pd(<scp>ii</scp>)/Lewis acid catalyzed regioselective olefination of indole with dioxygen. Organic and Biomolecular Chemistry, 2022, 20, 1425-1435.	2.8	6
10	Effects of foreign metal doping on the step-by-step oxidation process in M-OMS-2 catalyzed activation of PMS. Journal of Hazardous Materials, 2022, 434, 128773.	12.4	20
11	Palladium(II)/Lewis Acid-Catalyzed Olefination of Arylacetamides with Dioxygen. Journal of Organic Chemistry, 2022, 87, 4524-4537.	3.2	8
12	Heterogeneous activation of persulfate by metal and non-metal catalyst for the degradation of sulfamethoxazole: A review. Chemical Engineering Journal, 2022, 437, 135277.	12.7	128
13	Phosphate sequestration by lanthanum-layered rare earth hydroxides through multiple mechanisms while avoiding the attenuation effect from sediment particles in lake water. Science of the Total Environment, 2022, 830, 154786.	8.0	8
14	Influences of chemical treatment on sludge derived biochar; Physicochemical properties and potential sorption mechanisms of lead (II) and methylene blue. Journal of Environmental Chemical Engineering, 2022, 10, 107725.	6.7	16
15	A review on the adsorption mechanism of different organic contaminants by covalent organic framework (COF) from the aquatic environment. Environmental Science and Pollution Research, 2022, 29, 32566-32593.	5.3	36
16	Synthesis, characterization, antibacterial activities, molecular docking, and computational investigation of novel imine-linked covalent organic framework. Journal of Molecular Liquids, 2022, 358, 119191.	4.9	18
17	Understanding the nonradical activation of peroxymonosulfate by different crystallographic MnO2: The pivotal role of MnIII content on the surface. Journal of Hazardous Materials, 2022, 439, 129613.	12.4	41
18	Tunable S doping from Co3O4 to Co9S8 for peroxymonosulfate activation: Distinguished Radical/Nonradical species and generation pathways. Applied Catalysis B: Environmental, 2021, 282, 119605.	20.2	165

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19	Modulating the redox cycles of homogenous Fe(III)/PMS system through constructing electron rich thiomolybdate centres in confined layered double hydroxides. Chemical Engineering Journal, 2021, 408, 127242.	12.7	76
20	Emergency response to the explosive growth of health care wastes during COVID-19 pandemic in Wuhan, China. Resources, Conservation and Recycling, 2021, 164, 105074.	10.8	75
21	Recycling application of modified waste electrolytic manganese anode slag as efficient catalyst for PMS activation. Science of the Total Environment, 2021, 762, 143120.	8.0	30
22	Palladium (II)â€catalyzed homogeneous alcohol oxidations: Disclosing the crucial contribution of palladium nanoparticles in catalysis. Applied Organometallic Chemistry, 2021, 35, e6093.	3.5	2
23	Theoretical study and analysis of o-nitrophenol adsorption using layered double hydroxides containing Ca-Al, Ni-Al and Zn-Al. Environmental Science and Pollution Research, 2021, 28, 44547-44556.	5.3	7
24	Nonradical oxidation processes in PMS-based heterogeneous catalytic system: Generation, identification, oxidation characteristics, challenges response and application prospects. Chemical Engineering Journal, 2021, 410, 128312.	12.7	141
25	Quantitative evaluation of infectious health care wastes from numbers of confirmed, suspected and out-patients during COVID-19 pandemic: A case study of Wuhan. Waste Management, 2021, 126, 323-330.	7.4	21
26	Make it clean, make it safe: A review on virus elimination via adsorption. Chemical Engineering Journal, 2021, 412, 128682.	12.7	40
27	Decarboxylative Addition of Propiolic Acids with Indoles to Synthesize Bis(indolyl)methane Derivatives with a Pd(II)/LA Catalyst. Journal of Organic Chemistry, 2021, 86, 8333-8350.	3.2	12
28	Phosphate-lanthanum coated sewage sludge biochar improved the soil properties and growth of ryegrass in an alkaline soil. Ecotoxicology and Environmental Safety, 2021, 216, 112173.	6.0	21
29	Regulating activation pathway of Cu/persulfate through the incorporation of unreducible metal oxides: Pivotal role of surface oxygen vacancies. Applied Catalysis B: Environmental, 2021, 286, 119914.	20.2	102
30	The excursion covered for the elimination of chromate by exploring the coordination mechanisms between chromium species and various functional groups. Coordination Chemistry Reviews, 2021, 437, 213868.	18.8	21
31	Physicochemical assessment of anionic dye adsorption on bone char using a multilayer statistical physics model. Environmental Science and Pollution Research, 2021, 28, 67248-67255.	5.3	20
32	Adsorption of 3-aminophenol and resorcinol on avocado seed activated carbon: Mathematical modelling, thermodynamic study and description of adsorbent performance. Journal of Molecular Liquids, 2021, 342, 116952.	4.9	21
33	Adsorption of ketoprofen and 2- nitrophenol on activated carbon prepared from winery wastes: A combined experimental and theoretical study. Journal of Molecular Liquids, 2021, 333, 115906.	4.9	40
34	Removal of heavy metals by covalent organic frameworks (COFs): A review on its mechanism and adsorption properties. Journal of Environmental Chemical Engineering, 2021, 9, 105687.	6.7	114
35	Feasible synthesis of bifurfural from renewable furfural derived 5-bromofurfural for polymerization. Molecular Catalysis, 2021, 513, 111814.	2.0	3
36	Recyclable process modeling study of hexavalent chromium elimination by thiol-based electron donor: Implications for practical applicability. Journal of Environmental Chemical Engineering, 2021, 9, 105645.	6.7	7

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37	Implementation of a multilayer statistical physics model to interpret the adsorption of food dyes on a chitosan film. Journal of Environmental Chemical Engineering, 2021, 9, 105516.	6.7	34
38	Interpret the elimination behaviors of lead and vanadium from the water by employing functionalized biochars in diverse environmental conditions. Science of the Total Environment, 2021, 789, 148031.	8.0	12
39	Synergistic effects of Co and N doped on graphitic carbon as an in situ surface-bound radical generation for the rapid degradation of emerging contaminants. Chemical Engineering Journal, 2021, 421, 129818.	12.7	61
40	Impact of chloride ions on activated persulfates based advanced oxidation process (AOPs): A mini review. Chemosphere, 2021, 280, 130949.	8.2	70
41	Application of layered double hydroxide enriched with electron rich sulfide moieties (S2O42â^') for efficient and selective removal of vanadium (V) from diverse aqueous medium. Science of the Total Environment, 2021, 792, 148543.	8.0	10
42	High-performance removal of radionuclides by porous organic frameworks from the aquatic environment: A review. Journal of Environmental Radioactivity, 2021, 238-239, 106710.	1.7	12
43	Isolated copper ions and surface hydroxyl groups as a function of non-redox metals to modulate the reactivity and persulfate activation mechanism of spinel oxides. Chemical Engineering Journal, 2021, 425, 130679.	12.7	31
44	Enhanced simultaneous removal of toxic (SeO4)2â^' and metals Cr3+ and Cu2+ using polysulfide intercalated Layered double hydroxide. Separation and Purification Technology, 2021, 279, 119649.	7.9	5
45	Review on carbonaceous materials as persulfate activators: structureâ€"performance relationship, mechanism and future perspectives on water treatment. Journal of Materials Chemistry A, 2021, 9, 8012-8050.	10.3	90
46	Understanding the synergetic effect from foreign metals in bimetallic oxides for PMS activation: A common strategy to increase the stoichiometric efficiency of oxidants. Chemical Engineering Journal, 2020, 381, 122587.	12.7	158
47	A self-gating proton-coupled electron transfer reduction of hexavalent chromium by core-shell SBA-Dithiocarbamate chitosan composite. Journal of Hazardous Materials, 2020, 384, 121257.	12.4	34
48	Understanding the adsorption mechanism of Ag+ and Hg2+ on functionalized layered double hydroxide via statistical physics modeling. Applied Clay Science, 2020, 198, 105828.	5.2	47
49	Feasible Synthesis of a Bifuran-Based Monomer for Polymer Synthesis from a Hemicellulose-Derived Platform. Industrial & Engineering Chemistry Research, 2020, 59, 19876-19883.	3.7	12
50	Synergistic adsorption of Pb2+ and CrO42â^' on an engineered biochar highlighted by statistical physical modeling. Journal of Molecular Liquids, 2020, 312, 113483.	4.9	24
51	Elimination of atrazine through radical/non-radical combined processes by manganese nano-catalysts/PMS and implications to the structure-performance relationship. Chemical Engineering Journal, 2020, 397, 125425.	12.7	69
52	Engineered biochar with anisotropic layered double hydroxide nanosheets to simultaneously and efficiently capture Pb2+ and CrO42â^' from electroplating wastewater. Bioresource Technology, 2020, 306, 123118.	9.6	66
53	pH-dependent transformation products and residual toxicity evaluation of sulfamethoxazole degradation through non-radical oxygen species involved process. Chemical Engineering Journal, 2020, 390, 124512.	12.7	48
54	Palladium(II)/Lewis Acid-Catalyzed Oxidative Olefination/Annulation of N-Methoxybenzamides: Identifying the Active Intermediates through NMR Characterizations. Journal of Organic Chemistry, 2020, 85, 8760-8772.	3.2	17

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55	Red mud modified sludge biochar for the activation of peroxymonosulfate: Singlet oxygen dominated mechanism and toxicity prediction. Science of the Total Environment, 2020, 740, 140388.	8.0	124
56	pH tunable anionic and cationic heavy metal reduction coupled adsorption by thiol cross-linked composite: Physicochemical interpretations and fixed-bed column mathematical model study. Chemical Engineering Journal, 2020, 401, 126041.	12.7	39
57	Origin of the outstanding performance of Zn Al and Mg Fe layered double hydroxides in the adsorption of 2-nitrophenol: A statistical physics assessment. Journal of Molecular Liquids, 2020, 314, 113572.	4.9	13
58	Non-radical PMS activation by the nanohybrid material with periodic confinement of reduced graphene oxide (rGO) and Cu hydroxides. Journal of Hazardous Materials, 2020, 392, 122316.	12.4	125
59	Tuning of Persulfate Activation from a Free Radical to a Nonradical Pathway through the Incorporation of Non-Redox Magnesium Oxide. Environmental Science & Technology, 2020, 54, 2476-2488.	10.0	374
60	One-step preparation of ZVI-sludge derived biochar without external source of iron and its application on persulfate activation. Science of the Total Environment, 2020, 714, 136728.	8.0	121
61	Black liquor as biomass feedstock to prepare zero-valent iron embedded biochar with red mud for Cr(VI) removal: Mechanisms insights and engineering practicality. Bioresource Technology, 2020, 311, 123553.	9.6	54
62	Regulating the redox centers of Fe through the enrichment of Mo moiety for persulfate activation: A new strategy to achieve maximum persulfate utilization efficiency. Water Research, 2020, 181, 115862.	11.3	117
63	Adsorptive purification of heavy metal contaminated wastewater with sewage sludge derived carbon-supported Mg(II) composite. Science of the Total Environment, 2019, 691, 306-321.	8.0	79
64	Efficient and selective removal of chromium (VI) by sulfide assembled hydrotalcite compounds through concurrent reduction and adsorption processes. Journal of Molecular Liquids, 2019, 294, 111532.	4.9	24
65	The hetero-assembly of reduced graphene oxide and hydroxide nanosheets as superlattice materials in PMS activation. Carbon, 2019, 155, 740-755.	10.3	58
66	Lewis Acid Promoted Aerobic Oxidative Coupling of Thiols with Phosphonates by Simple Nickel(II) Catalyst: Substrate Scope and Mechanistic Studies. Journal of Organic Chemistry, 2019, 84, 4179-4190.	3.2	39
67	Lewis acid promoted double bond migration in O-allyl to Z-products by Ru-H complexes. Molecular Catalysis, 2019, 469, 10-17.	2.0	6
68	Degradation of Phenol Using Peroxymonosulfate Activated by a High Efficiency and Stable CoMgAl-LDH Catalyst. Materials, 2019, 12, 968.	2.9	14
69	Aqueous Carbonylation of Furfural-Derived 5-Bromofuroic Acid to 2,5-Furandicarboxylic Acid with Supported Palladium Catalyst. Industrial & Engineering Chemistry Research, 2019, 58, 22951-22957.	3.7	10
70	Catalytic carbonylation of renewable furfural derived 5-bromofurfural to 5-formyl-2-furancarboxylic acid in oil/aqueous bi-phase system. Molecular Catalysis, 2019, 463, 94-98.	2.0	13
71	Selective removal of heavy metals by hydrotalcites as adsorbents in diverse wastewater: Different intercalated anions with different mechanisms. Journal of Cleaner Production, 2019, 211, 1112-1126.	9.3	85
72	Non-redox metal ions accelerated oxygen atom transfer by Mn-Me3tacn complex with H2O2 as oxygen resource. Molecular Catalysis, 2018, 448, 46-52.	2.0	10

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73	Facile synthesis of yolk shell Mn₂O₃@Mn₅O₈ as an effective catalyst for peroxymonosulfate activation. Physical Chemistry Chemical Physics, 2018, 20, 13909-13919.	2.8	94
74	Facile One-Pot Synthesis of Sustainable Carboxymethyl Chitosan â€“ Sewage Sludge Biochar for Effective Heavy Metal Chelation and Regeneration. Bioresource Technology, 2018, 262, 22-31.	9.6	118
75	Towards a better understanding on mercury adsorption by magnetic bio-adsorbents with Î³-Fe2O3 from pinewood sawdust derived hydrochar: Influence of atmosphere in heat treatment. Bioresource Technology, 2018, 256, 269-276.	9.6	62
76	Catalytic Oxidation of Alkynes into 1,2â€Diketone Derivatives by Using a Pd^{II}/Lewisâ€Acid Catalyst. Asian Journal of Organic Chemistry, 2018, 7, 212-219.	2.7	27
77	Efficient, stable and selective adsorption of heavy metals by thio-functionalized layered double hydroxide in diverse types of water. Chemical Engineering Journal, 2018, 332, 387-397.	12.7	129
78	Highly efficient Î±-Mn₂O₃@Î±-MnO₂-500 nanocomposite for peroxymonosulfate activation: comprehensive investigation of manganese oxides. Journal of Materials Chemistry A, 2018, 6, 1590-1600.	10.3	184
79	Activation of persulfate by CuOx@Co-LDH: A novel heterogeneous system for contaminant degradation with broad pH window and controlled leaching. Chemical Engineering Journal, 2018, 335, 548-559.	12.7	218
80	Pd based in situ AOPs with heterogeneous catalyst of FeMgAl layered double hydrotalcite for the degradation of bisphenol A and landfill leachate through multiple pathways. Environmental Science and Pollution Research, 2018, 25, 35623-35636.	5.3	6
81	Synthesis of 2,5-furandicarboxylic acid by catalytic carbonylation of renewable furfural derived 5-bromofuroic acid. Molecular Catalysis, 2018, 455, 204-209.	2.0	23
82	Enhanced degradation of isoproturon in soil through persulfate activation by Fe-based layered double hydroxide: different reactive species comparing with activation by homogenous Fe(II). Environmental Science and Pollution Research, 2018, 25, 26394-26404.	5.3	17
83	Efficient Synthesis of 2,5-Furandicarboxylic Acid from Furfural Based Platform through Aqueous-Phase Carbonylation. ACS Sustainable Chemistry and Engineering, 2018, 6, 13192-13198.	6.7	22
84	Support-dependent active species formation for CuO catalysts: Leading to efficient pollutant degradation in alkaline conditions. Journal of Hazardous Materials, 2017, 328, 56-62.	12.4	34
85	Synergistic degradation of phenols using peroxymonosulfate activated by CuO-Co3O4@MnO2 nanocatalyst. Journal of Hazardous Materials, 2017, 329, 262-271.	12.4	183
86	Efficient Bimetallic Catalysis of Nitrile Hydration to Amides with a Simple Pd(OAc)₂/Lewis Acid Catalyst at Ambient Temperature. European Journal of Organic Chemistry, 2017, 2017, 1870-1875.	2.4	41
87	Non-redox metal ions promoted dehydrogenation of saturated Câ€“C bond by a ruthenium catalyst with dioxygen activation. Molecular Catalysis, 2017, 432, 259-266.	2.0	6
88	A General Strategy for Openâ€Flask Alkene Isomerization by Ruthenium Hydride Complexes with Nonâ€Redox Metal Salts. ChemCatChem, 2017, 9, 3849-3859.	3.7	11
89	One-step preparation and application of magnetic sludge-derived biochar on acid orange 7 removal via both adsorption and persulfate based oxidation. RSC Advances, 2017, 7, 18696-18706.	3.6	107
90	Highly Efficient Lead Distribution by Magnetic Sewage Sludge Biochar: Sorption Mechanisms and Bench Applications. Bioresource Technology, 2017, 238, 399-406.	9.6	198

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91	Nonredox Metal-Ions-Enhanced Dioxygen Activation by Oxidovanadium(IV) Complexes toward Hydrogen Atom Abstraction. Inorganic Chemistry, 2017, 56, 834-844.	4.0	28
92	Transformation of Methyl Linoleate to its Conjugated Derivatives with Simple Pd(OAc)₂/Lewis Acid Catalyst. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 1481-1489.	1.9	3
93	Catalytic Synthesis of 2,5-Furandicarboxylic Acid from Furoic Acid: Transformation from C5 Platform to C6 Derivatives in Biomass Utilizations. ACS Sustainable Chemistry and Engineering, 2017, 5, 9360-9369.	6.7	39
94	Accessing the HMF Derivatives from Furfural Acetate through Oxidative Carbonylation. ChemistrySelect, 2017, 2, 7096-7099.	1.5	9
95	Transformation of Unsaturated Fatty Acids/Esters to Corresponding Keto Fatty Acids/Esters by Aerobic Oxidation with Pd(II)/Lewis Acid Catalyst. Journal of Agricultural and Food Chemistry, 2017, 65, 6912-6918.	5.2	8
96	Treatment of refractory contaminants by sludge-derived biochar/persulfate system via both adsorption and advanced oxidation process. Chemosphere, 2017, 185, 754-763.	8.2	170
97	Fe-MoS₄: An Effective and Stable LDH-Based Adsorbent for Selective Removal of Heavy Metals. ACS Applied Materials & Interfaces, 2017, 9, 28451-28463.	8.0	135
98	Nonredox Metal Ions Promoted Olefin Epoxidation by Iron(II) Complexes with H₂O₂: DFT Calculations Reveal Multiple Channels for Oxygen Transfer. Inorganic Chemistry, 2017, 56, 15138-15149.	4.0	35
99	Promoting a non-heme manganese complex catalyzed oxygen transfer reaction by both lewis acid and BrÃ¸nsted acid: Similarities and distinctions. Molecular Catalysis, 2017, 438, 230-238.	2.0	13
100	Non-redox metal ions promoted oxidative dehydrogenation of saturated C C bond by simple Pd(OAc)2 catalyst. Catalysis Communications, 2017, 90, 5-9.	3.3	23
101	Non-redox metal ion promoted oxidative coupling of indoles with olefins by the palladium(<scp>ii</scp>) acetate catalyst through dioxygen activation: experimental results with DFT calculations. Organic and Biomolecular Chemistry, 2016, 14, 4146-4157.	2.8	45
102	Bimetallic synergistic degradation of chlorophenols by CuCoO_xâ€“LDH catalyst in bicarbonate-activated hydrogen peroxide system. RSC Advances, 2016, 6, 72643-72653.	3.6	18
103	Immobilization of Cd in landfill-leachate-contaminated soil with cow manure compost as soil conditioners: A laboratory study. Journal of the Air and Waste Management Association, 2016, 66, 1276-1283.	1.9	6
104	Synergistic oxygen atom transfer by ruthenium complexes with non-redox metal ions. Dalton Transactions, 2016, 45, 11369-11383.	3.3	18
105	Nonredox Metal-Ion-Accelerated Olefin Isomerization by Palladium(II) Catalysts: Density Functional Theory (DFT) Calculations Supporting the Experimental Data. ACS Catalysis, 2016, 6, 4144-4148.	11.2	34
106	Bicarbonate activation of hydrogen peroxide: A new emerging technology for wastewater treatment. Chinese Journal of Catalysis, 2016, 37, 810-825.	14.0	41
107	Synergistic degradation of phenols by bimetallic CuOâ€“Co3O4@Î³-Al2O3 catalyst in H2O2/HCO3âˆ’ system. Chinese Journal of Catalysis, 2016, 37, 963-970.	14.0	20
108	Demulsifying water-in-oil emulsions by ethyl cellulose demulsifiers studied using focused beam reflectance measurement. Chemical Engineering Science, 2015, 130, 254-263.	3.8	39

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109	The reactivity of the active metal oxo and hydroxo intermediates and their implications in oxidations. Chemical Society Reviews, 2015, 44, 1083-1100.	38.1	135
110	Removal of refractory contaminants in municipal landfill leachate by hydrogen, oxygen and palladium: A novel approach of hydroxyl radical production. Journal of Hazardous Materials, 2015, 287, 349-355.	12.4	22
111	Synthesis, Structural Studies, and Oxidation Catalysis of the Late-First-Row-Transition-Metal Complexes of a 2-Pyridylmethyl Pendant-Armed Ethylene Cross-Bridged Cyclam. Inorganic Chemistry, 2015, 54, 2221-2234.	4.0	32
112	Transformation of 5-Hydroxymethylfurfural (HMF) to Maleic Anhydride by Aerobic Oxidation with Heteropolyacid Catalysts. ACS Catalysis, 2015, 5, 2035-2041.	11.2	115
113	Synthesis, structural studies, and oxidation catalysis of the manganese(II), iron(II), and copper(II) complexes of a 2-pyridylmethyl pendant armed side-bridged cyclam. Inorganic Chemistry Communication, 2015, 59, 71-75.	3.9	15
114	Synthesis, structural studies, kinetic stability, and oxidation catalysis of the late first row transition metal complexes of 4,10-dimethyl-1,4,7,10-tetraazabicyclo[6.5.2]pentadecane. Dalton Transactions, 2015, 44, 12210-12224.	3.3	15
115	Redox inactive metal ion triggered N-dealkylation by an iron catalyst with dioxygen activation: a lesson from lipoxygenases. Dalton Transactions, 2015, 44, 9847-9859.	3.3	24
116	Controlled leaching with prolonged activity for Coâ€"LDH supported catalyst during treatment of organic dyes using bicarbonate activation of hydrogen peroxide. Journal of Hazardous Materials, 2015, 289, 165-173.	12.4	75
117	Redox-inactive metal ions promoted the catalytic reactivity of non-heme manganese complexes towards oxygen atom transfer. Dalton Transactions, 2015, 44, 9182-9192.	3.3	39
118	Non-redox metal ions can promote Wacker-type oxidations even better than copper(<scp>ii</scp>): a new opportunity in catalyst design. Dalton Transactions, 2015, 44, 17508-17515.	3.3	40
119	Non-redox metal ion promoted oxygen transfer by a non-heme manganese catalyst. Chemical Communications, 2015, 51, 1874-1877.	4.1	50
120	Influence of Calcium(II) and Chloride on the Oxidative Reactivity of a Manganese(II) Complex of a Cross-Bridged Cyclen Ligand. Inorganic Chemistry, 2014, 53, 11937-11947.	4.0	44
121	Degradation of Chlorophenols by Supported Coâ€"Mgâ€"Al Layered Double Hydrotalcite with Bicarbonate Activated Hydrogen Peroxide. Journal of Physical Chemistry A, 2014, 118, 10028-10035.	2.5	93
122	Catalytic aerobic oxidation of renewable furfural to maleic anhydride and furanone derivatives with their mechanistic studies. Green Chemistry, 2014, 16, 4351-4358.	9.0	95
123	A carbazole-functionalized Ir complex used in efficient single-layer electrophosphorescent devices. Polyhedron, 2013, 52, 144-150.	2.2	3
124	Lewis-Acid-Promoted Stoichiometric and Catalytic Oxidations by Manganese Complexes Having Cross-Bridged Cyclam Ligand: A Comprehensive Study. Inorganic Chemistry, 2013, 52, 5418-5427.	4.0	65
125	Redox Inactive Metal Ion Promoted Cï£¿H Activation of Benzene to Phenol with Pd^{II}(bpym): Demonstrating New Strategies in Catalyst Designs. Chemistry - an Asian Journal, 2013, 8, 888-891.	3.3	41
126	Degradation of Organic Pollutants in Wastewater by Bicarbonate-Activated Hydrogen Peroxide with a Supported Cobalt Catalyst. Environmental Science & Technology, 2013, 47, 3833-3839.	10.0	236

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127	Functional Ir^{III} Complexes and Their Applications. Advanced Materials, 2010, 22, 1534-1539.	21.0	253
128	Efficient near-infrared organic light-emitting diodes based on multimetallic assemblies of lanthanides and iridium complexes. Organic Electronics, 2010, 11, 369-376.	2.6	39
129	Sensitized luminescence from lanthanides in dâ€“f bimetallic complexes. Coordination Chemistry Reviews, 2010, 254, 991-1010.	18.8	203
130	Multisignaling detection ofcyanide anions based on an iridium(iii) complex: remarkable enhancement of sensitivity by coordination effect. New Journal of Chemistry, 2010, 34, 132-136.	2.8	38
131	Synthesis and electroluminescent property of novel europium complexes with oxadiazole substituted 1,10-phenanthroline and 2,2â€²-bipyridine ligands. New Journal of Chemistry, 2010, 34, 487.	2.8	36
132	Highly efficient, orangeâ€“red organic light-emitting diodes using a series of green-emission iridium complexes as hosts. Organic Electronics, 2009, 10, 247-255.	2.6	41
133	A highly efficient OLED based on terbium complexes. Organic Electronics, 2009, 10, 939-947.	2.6	52
134	Ground and excited state intramolecular proton transfer controlled intramolecular charge separation and recombination: A new type of charge and proton transfer reaction. Chemical Physics, 2008, 348, 181-186.	1.9	21
135	Highly Efficient Sensitized Red Emission from Europium (III) in Irâˆ’Eu Bimetallic Complexes by 3MLCT Energy Transfer. Inorganic Chemistry, 2008, 47, 2507-2513.	4.0	95
136	Energy transfer pathways in the carbazole functionalized Î²-diketonate europium complexes. New Journal of Chemistry, 2007, 31, 1639.	2.8	40
137	The host materials containing carbazole and oxadiazole fragment for red triplet emitter in organic light-emitting diodes. Organic Electronics, 2006, 7, 330-336.	2.6	46