

Yi Chen

List of Publications by Year in descending order

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247
papers

7,440
citations

61984

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74163

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257
all docs

257
docs citations

257
times ranked

8785
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into vertical differences of particle number size distributions in winter in Beijing, China. <i>Science of the Total Environment</i> , 2022, 802, 149695.	8.0	4
2	Secondary Formation and Impacts of Gaseous Nitro-Phenolic Compounds in the Continental Outflow Observed at a Background Site in South China. <i>Environmental Science & Technology</i> , 2022, 56, 6933-6943.	10.0	20
3	Molecular Composition of Oxygenated Organic Molecules and Their Contributions to Organic Aerosol in Beijing. <i>Environmental Science & Technology</i> , 2022, 56, 770-778.	10.0	16
4	Recent progress in fluorescent aptasensors for the detection of aflatoxin B1 in food. <i>Analytical Methods</i> , 2022, 14, 86-96.	2.7	10
5	Capillary array electrophoresis imaging of biochemicals in tissue sections. <i>Talanta</i> , 2022, 240, 123183.	5.5	4
6	Study on the reaction of 3-methyl-2-butenal and 3-methylbutanal with Cl atoms: kinetics and reaction mechanism. <i>Journal of Environmental Sciences</i> , 2022, 116, 25-33.	6.1	0
7	Sources of ambient non-methane hydrocarbon compounds and their impacts on O ₃ formation during autumn, Beijing. <i>Journal of Environmental Sciences</i> , 2022, 114, 85-97.	6.1	10
8	Boosting Toluene Combustion by Tuning Electronic Metal-Support Interactions in In Situ Grown Pt@Co ₃ O ₄ Catalysts. <i>Environmental Science & Technology</i> , 2022, 56, 1376-1385.	10.0	94
9	Long-term winter observation of nitrous acid in the urban area of Beijing. <i>Journal of Environmental Sciences</i> , 2022, 114, 334-342.	6.1	5
10	Long-chain alkanes in the atmosphere: A review. <i>Journal of Environmental Sciences</i> , 2022, 114, 37-52.	6.1	15
11	Formation mechanisms of nitrous acid (HONO) during the haze and non-haze periods in Beijing, China. <i>Journal of Environmental Sciences</i> , 2022, 114, 343-353.	6.1	4
12	Chemical composition of different size ultrafine particulate matter measured by nanoparticle chemical ionization mass spectrometer. <i>Journal of Environmental Sciences</i> , 2022, 114, 434-443.	6.1	4
13	Reactions of C ₁₂ -C ₁₄ -Alkylcyclohexanes with Cl Atoms: Kinetics and Secondary Organic Aerosol Formation. <i>Environmental Science & Technology</i> , 2022, 56, 4859-4870.	10.0	7
14	Effect of Different Combustion Processes on Atmospheric Nitrous Acid Formation Mechanisms: A Winter Comparative Observation in Urban, Suburban and Rural Areas of the North China Plain. <i>Environmental Science & Technology</i> , 2022, 56, 4828-4837.	10.0	6
15	Volatility of Cl-Initiated C ₁₂ -C ₁₄ -Alkylcyclohexane Secondary Organic Aerosol: Effects of NO _x and Photoaging. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1345-1357.	2.7	1
16	Confining shell-sandwiched Ag clusters in MnO ₂ -CeO ₂ hollow spheres to boost activity and stability of toluene combustion. <i>Nano Research</i> , 2022, 15, 7042-7051.	10.4	37
17	The Levels and Sources of Nitrous Acid (HONO) in Winter of Beijing and Sanmenxia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	9
18	Sulfate Formation Apportionment during Winter Haze Events in North China. <i>Environmental Science & Technology</i> , 2022, 56, 7771-7778.	10.0	24

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19	Rapid Sulfate Formation via Uncatalyzed Autoxidation of Sulfur Dioxide in Aerosol Microdroplets. <i>Environmental Science & Technology</i> , 2022, 56, 7637-7646.	10.0	22
20	Light absorption properties and potential sources of brown carbon in Fenwei Plain during winter 2018â€“2019. <i>Journal of Environmental Sciences</i> , 2021, 102, 53-63.	6.1	20
21	Recent advances in fluorescent probes for extracellular pH detection and imaging. <i>Analytical Biochemistry</i> , 2021, 612, 113900.	2.4	28
22	Effect of chemical structure on optical properties of secondary organic aerosols derived from C12 alkanes. <i>Science of the Total Environment</i> , 2021, 751, 141620.	8.0	9
23	A large-scale outdoor atmospheric simulation smog chamber for studying atmospheric photochemical processes: Characterization and preliminary application. <i>Journal of Environmental Sciences</i> , 2021, 102, 185-197.	6.1	15
24	A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	23
25	Evidence for Strong HONO Emission from Fertilized Agricultural Fields and its Remarkable Impact on Regional O ₃ Pollution in the Summer North China Plain. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 340-347.	2.7	32
26	A substantial increase of analytical throughput in capillary electrophoresis throughput by separation-interrupted sequential injections. <i>Analytical Methods</i> , 2021, 13, 1995-2004.	2.7	4
27	Anthropogenic Effects on Biogenic Secondary Organic Aerosol Formation. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1053-1084.	4.3	29
28	Important Oxidants and Their Impact on the Environmental Effects of Aerosols. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3813-3825.	2.5	15
29	Rapid Assessment of Cerambycid Beetle Biodiversity in a Tropical Rainforest in Yunnan Province, China, Using a Multicomponent Pheromone Lure. <i>Insects</i> , 2021, 12, 277.	2.2	8
30	Sulfate formation is dominated by manganese-catalyzed oxidation of SO ₂ on aerosol surfaces during haze events. <i>Nature Communications</i> , 2021, 12, 1993.	12.8	128
31	The Synergistic Role of Sulfuric Acid, Bases, and Oxidized Organics Governing New Particle Formation in Beijing. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091944.	4.0	53
32	Exposure to PM _{2.5} aggravates Parkinsonâ€™s disease via inhibition of autophagy and mitophagy pathway. <i>Toxicology</i> , 2021, 456, 152770.	4.2	25
33	Enhanced secondary organic aerosol formation from the photo-oxidation of mixed anthropogenic volatile organic compounds. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7773-7789.	4.9	12
34	The gas-phase reaction kinetics of different structure of unsaturated alcohols and ketones with O ₃ . <i>Atmospheric Environment</i> , 2021, 254, 118394.	4.1	2
35	Characteristics and source apportionment of volatile organic compounds (VOCs) at a coastal site in Hong Kong. <i>Science of the Total Environment</i> , 2021, 777, 146241.	8.0	40
36	Heterogeneous Formation of HONO Catalyzed by CO ₂ . <i>Environmental Science & Technology</i> , 2021, 55, 12215-12222.	10.0	16

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37	Boosting benzene combustion by engineering oxygen vacancy-mediated Ag/CeO ₂ -Co ₃ O ₄ catalyst via interfacial electron transfer. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 882-890.	9.4	55
38	Reaction mechanism and kinetics of Criegee intermediate and hydroperoxymethyl formate. <i>Journal of Environmental Sciences</i> , 2021, 105, 128-137.	6.1	6
39	Photocatalytic Oxidation of SO ₂ by TiO ₂ : Aerosol Formation and the Key Role of Gaseous Reactive Oxygen Species. <i>Environmental Science & Technology</i> , 2021, 55, 9784-9793.	10.0	25
40	Comparative observation of atmospheric nitrous acid (HONO) in Xi'an and Xianyang located in the GuanZhong basin of western China. <i>Environmental Pollution</i> , 2021, 289, 117679.	7.5	4
41	Metal organic framework-templated fabrication of exposed surface defect-enriched Co ₃ O ₄ catalysts for efficient toluene oxidation. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 695-705.	9.4	42
42	Recent progress in natural product-based inhibitor screening with enzymatic fluorescent probes. <i>Analytical Methods</i> , 2021, 13, 1778-1787.	2.7	2
43	Evaluation of Apigenin Inhibiting Lactate Dehydrogenase Activity Based on CdTe Quantum Dots Fluorescence. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1806-1811.	1.1	1
44	A Combined Experimental and Theoretical Study on the Gas Phase Reaction of OH Radicals with Ethyl Propyl Ether. <i>Journal of Physical Chemistry A</i> , 2020, 124, 721-730.	2.5	7
45	Heterogeneous Uptake of Formic Acid and Acetic Acid on Mineral Dust and Coal Fly Ash. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 202-210.	2.7	8
46	Biocatalytic Amplification of UV Signal in Capillary Electrophoresis of MicroRNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 51.	4.1	5
47	Evaluation and impact factors of indoor and outdoor gas-phase nitrous acid under different environmental conditions. <i>Journal of Environmental Sciences</i> , 2020, 95, 165-171.	6.1	11
48	Continuous and comprehensive atmospheric observations in Beijing: a station to understand the complex urban atmospheric environment. <i>Big Earth Data</i> , 2020, 4, 295-321.	4.4	54
49	Different HONO Sources for Three Layers at the Urban Area of Beijing. <i>Environmental Science & Technology</i> , 2020, 54, 12870-12880.	10.0	52
50	Borohydride catalyzed redistribution reaction of hydrosilane and chlorosilane: a potential system for facile preparation of hydrochlorosilanes. <i>RSC Advances</i> , 2020, 10, 17404-17407.	3.6	2
51	Pollution characteristics and potential sources of nitrous acid (HONO) in early autumn 2018 of Beijing. <i>Science of the Total Environment</i> , 2020, 735, 139317.	8.0	27
52	A stable version of capillary electrophoresis for determining human hemoglobin chains aiming at the screening and diagnosis of thalassemia. <i>Analytical Methods</i> , 2020, 12, 3277-3284.	2.7	2
53	Preparation of Monolayer Photonic Crystals from Ag Nanobulge-Deposited SiO ₂ Particles as Substrates for Reproducible SERS Assay of Trace Thiol Pesticide. <i>Nanomaterials</i> , 2020, 10, 1205.	4.1	13
54	Study on ozonolysis of asymmetric alkenes with matrix isolation and FT-IR spectroscopy. <i>Chemosphere</i> , 2020, 252, 126413.	8.2	2

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55	Environmental Processing of Short-Chain Fatty Alcohols Induced by Photosensitized Chemistry of Brown Carbons. ACS Earth and Space Chemistry, 2020, 4, 631-640.	2.7	14
56	Kinetic and mechanism studies of the ozonolysis of three unsaturated ketones. Journal of Environmental Sciences, 2020, 95, 23-32.	6.1	3
57	Recent developments of fluorescent probes for detection and bioimaging of nitric oxide. Nitric Oxide - Biology and Chemistry, 2020, 98, 1-19.	2.7	54
58	Advances in fluorescent probes for detection and imaging of endogenous tyrosinase activity. Analytical Biochemistry, 2020, 594, 113614.	2.4	21
59	Effects of NO ₂ and SO ₂ on the heterogeneous reaction of acetic acid on γ -Al ₂ O ₃ in the presence and absence of simulated irradiation. Environmental Sciences: Processes and Impacts, 2020, 22, 408-417.	3.5	3
60	Hydrothermal Synthesis of a Novel Double-Sided Nanobrush Co ₃ O ₄ Catalyst and Its Catalytic Performance for Benzene Oxidation. ChemCatChem, 2019, 11, 1214-1221.	3.7	30
61	Enhanced fluoride removal behaviour and mechanism by dicalcium phosphate from aqueous solution. Environmental Technology (United Kingdom), 2019, 40, 3668-3677.	2.2	9
62	Development of stripping coil-ion chromatograph method and intercomparison with CEAS and LOPAP to measure atmospheric HONO. Science of the Total Environment, 2019, 646, 187-195.	8.0	36
63	Variations and sources of nitrous acid (HONO) during a severe pollution episode in Beijing in winter 2016. Science of the Total Environment, 2019, 648, 253-262.	8.0	62
64	Development and application of the multi-wavelength cavity ring-down aerosol extinction spectrometer. Journal of Environmental Sciences, 2019, 76, 227-237.	6.1	10
65	Characteristics of wintertime VOCs in suburban and urban Beijing: concentrations, emission ratios, and festival effects. Atmospheric Chemistry and Physics, 2019, 19, 8021-8036.	4.9	55
66	Design and construction of COX-2 specific fluorescent probes. Molecular and Cellular Probes, 2019, 48, 101472.	2.1	11
67	Facile self-assembly synthesis of γ -Fe ₂ O ₃ /graphene oxide for enhanced photo-Fenton reaction. Environmental Pollution, 2019, 248, 229-237.	7.5	59
68	A bi-end injection capillary electrophoresis method for simultaneous determination of 37 cations and anions in beers. Analytical and Bioanalytical Chemistry, 2019, 411, 4113-4121.	3.7	14
69	Sensing ultra-trace dopamine by restoration of fluorescence on locally acidified gold nanoparticles. Analyst, The, 2019, 144, 4477-4482.	3.5	6
70	Adsorption and Photodegradation of Acetaldehyde and Ethylene on TiO ₂ (001) Surface: Experimental and First Principle Studies. Catalysis Letters, 2019, 149, 2728-2738.	2.6	9
71	Defect Chemistry of Er ³⁺ -Doped TiO ₂ and Its Photocatalytic Activity for the Degradation of Flowing Gas-Phase VOCs. Journal of Physical Chemistry C, 2019, 123, 12321-12334.	3.1	83
72	One-pot sample preparation approach for profiling spatial distribution of gibberellins in a single shoot of germinating cereal seeds. Plant Journal, 2019, 99, 1014-1024.	5.7	7

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73	Hygroscopicity and Compositional Evolution of Atmospheric Aerosols Containing Water-Soluble Carboxylic Acid Salts and Ammonium Sulfate: Influence of Ammonium Depletion. <i>Environmental Science & Technology</i> , 2019, 53, 6225-6234.	10.0	29
74	A new SiC precursor with high ceramic yield: Synthesis and characterization of CH _x MeSiH ₂ containing poly(methylsilane-carbosilane). <i>Journal of Applied Polymer Science</i> , 2019, 136, 47618.	2.6	5
75	One-Pot Synthesis of High-Quality Bimagnetic Core/Shell Nanocrystals with Diverse Exchange Coupling. <i>Journal of the American Chemical Society</i> , 2019, 141, 3366-3370.	13.7	26
76	Review of Chinese atmospheric science research over the past 70 years: Atmospheric physics and atmospheric environment. <i>Science China Earth Sciences</i> , 2019, 62, 1903-1945.	5.2	18
77	Regulatory-sequence mechanical biosensor: A versatile platform for investigation of G-quadruplex/label-free protein interactions and tunable protein detection. <i>Analytica Chimica Acta</i> , 2019, 1045, 1-9.	5.4	5
78	Defective Mn _x Zr _{1-x} O ₂ Solid Solution for the Catalytic Oxidation of Toluene: Insights into the Oxygen Vacancy Contribution. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 730-739.	8.0	244
79	Stability of Polydopamine Coatings on Gold Substrates Inspected by Surface Plasmon Resonance Imaging. <i>Langmuir</i> , 2018, 34, 3565-3571.	3.5	62
80	Kinetic study of the gas-phase reaction of O ₃ with three unsaturated alcohols. <i>Journal of Environmental Sciences</i> , 2018, 71, 292-299.	6.1	7
81	The influence of relative humidity on the heterogeneous oxidation of sulfur dioxide by ozone on calcium carbonate particles. <i>Science of the Total Environment</i> , 2018, 633, 1253-1262.	8.0	30
82	Gas-Phase Oxidation of Allyl Acetate by O ₃ , OH, Cl, and NO ₃ : Reaction Kinetics and Mechanism. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1600-1611.	2.5	9
83	Insights into adsorption mechanism for fluoride on cactus-like amorphous alumina oxide microspheres. <i>Chemical Engineering Journal</i> , 2018, 345, 252-259.	12.7	70
84	The Optical Properties of Limonene Secondary Organic Aerosols: The Role of NO ₃ , OH, and O ₃ in the Oxidation Processes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3292-3303.	3.3	25
85	Surface plasmon resonance sensing with adjustable sensitivity based on a flexible liquid core coupling unit. <i>Talanta</i> , 2018, 184, 468-474.	5.5	14
86	Superelastic and ultralight polyimide aerogels as thermal insulators and particulate air filters. <i>Journal of Materials Chemistry A</i> , 2018, 6, 828-832.	10.3	113
87	Effect of Titanium Dioxide on Secondary Organic Aerosol Formation. <i>Environmental Science & Technology</i> , 2018, 52, 11612-11620.	10.0	14
88	Evaluation of poly(methylsilane-carbosilane) synthesized from methyl-dichlorosilane and chloromethyl-dichloromethylsilane as a precursor for SiC. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46610.	2.6	2
89	Facile derivatization of ultratrace carboxylic acids in saliva for quantification by HPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4293-4300.	3.7	11
90	The formation and growth of calcium sulfate crystals through oxidation of SO ₂ by O ₃ on size-resolved calcium carbonate. <i>RSC Advances</i> , 2018, 8, 16285-16293.	3.6	9

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91	Heterogeneous Reaction of HCOOH on NaCl Particles at Different Relative Humidities. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7218-7226.	2.5	3
92	Self-Catalytic Reaction of SO ₃ and NH ₃ To Produce Sulfamic Acid and Its Implication to Atmospheric Particle Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 11020-11028.	13.7	86
93	Clustering mechanism of oxocarboxylic acids involving hydration reaction: Implications for the atmospheric models. <i>Journal of Chemical Physics</i> , 2018, 148, 214303.	3.0	22
94	Novel Al-doped carbon nanotubes with adsorption and coagulation promotion for organic pollutant removal. <i>Journal of Environmental Sciences</i> , 2017, 54, 1-12.	6.1	104
95	Optical properties of secondary organic aerosols derived from long-chain alkanes under various NO _x and seed conditions. <i>Science of the Total Environment</i> , 2017, 579, 1699-1705.	8.0	18
96	A fluorescent dye with large Stokes shift and high stability: synthesis and application to live cell imaging. <i>RSC Advances</i> , 2017, 7, 7604-7609.	3.6	137
97	Hygroscopic properties of potassium chloride and its internal mixtures with organic compounds relevant to biomass burning aerosol particles. <i>Scientific Reports</i> , 2017, 7, 43572.	3.3	38
98	The effects of coexisting Na ₂ SO ₄ on heterogeneous uptake of NO ₂ on CaCO ₃ particles at various RHs. <i>Science of the Total Environment</i> , 2017, 586, 930-938.	8.0	25
99	Quantification of near-attomole gibberellins in floral organs dissected from a single <i>Arabidopsis thaliana</i> flower. <i>Plant Journal</i> , 2017, 91, 547-557.	5.7	22
100	Hygroscopic behavior of water-soluble matter in marine aerosols over the East China Sea. <i>Science of the Total Environment</i> , 2017, 578, 307-316.	8.0	14
101	Evaluating the effectiveness of joint emission control policies on the reduction of ambient VOCs: Implications from observation during the 2014 APEC summit in suburban Beijing. <i>Atmospheric Environment</i> , 2017, 164, 117-127.	4.1	39
102	Interface effect of mixed phase Pt/ZrO ₂ catalysts for HCHO oxidation at ambient temperature. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13799-13806.	10.3	128
103	Removal of fluoride from aqueous solution by Mg-Al-Zr triple-metal composite. <i>Chemical Engineering Journal</i> , 2017, 322, 246-253.	12.7	93
104	Highly active and stable interface derived from Pt supported on Ni/Fe layered double oxides for HCHO oxidation. <i>Catalysis Science and Technology</i> , 2017, 7, 1573-1580.	4.1	69
105	Dual-Phase Separation in a Semiconfined System: Monodispersed Heterogeneous Block-Copolymer Membranes for Cell Encoding and Patterning. <i>Advanced Materials</i> , 2017, 29, 1605932.	21.0	10
106	Enhanced Light Scattering of Secondary Organic Aerosols by Multiphase Reactions. <i>Environmental Science & Technology</i> , 2017, 51, 1285-1292.	10.0	29
107	Atmospheric oxidation of selected chlorinated alkenes by O ₃ , OH, NO ₃ and Cl. <i>Atmospheric Environment</i> , 2017, 170, 12-21.	4.1	5
108	Gas-Phase Reaction of Methyl <i>n</i> -Propyl Ether with OH, NO ₃ , and Cl: Kinetics and Mechanism. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6800-6809.	2.5	14

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109	Surface Plasmon Resonance Imaging Detection of Sub-femtomolar MicroRNA. <i>Analytical Chemistry</i> , 2017, 89, 10071-10077.	6.5	39
110	Morphology-dependent properties and adsorption performance of CeO ₂ for fluoride removal. <i>Chemical Engineering Journal</i> , 2017, 330, 36-43.	12.7	136
111	A molecular-scale study on the role of lactic acid in new particle formation: Influence of relative humidity and temperature. <i>Atmospheric Environment</i> , 2017, 166, 479-487.	4.1	42
112	Gas-phase hydration of glyoxylic acid: Kinetics and atmospheric implications. <i>Chemosphere</i> , 2017, 186, 430-437.	8.2	31
113	Electronic Properties and Dissociative Photoionization of Thiocyanates, Part III. The Effect of the Group's Electronegativity in the Valence and Shallow-Core (Sulfur and Chlorine 2p) Regions of CCl ₃ SCN and CCl ₂ FSCN. <i>Journal of Physical Chemistry A</i> , 2017, 121, 9201-9210.	2.5	3
114	Temperature dependence of the heterogeneous uptake of acrylic acid on Arizona test dust. <i>Journal of Environmental Sciences</i> , 2017, 53, 107-112.	6.1	6
115	Fabrication of Bio-function-Preserved Saccharide Microarray Chips with Cyanuric Chloride as a Rotatable Linker. <i>Methods in Molecular Biology</i> , 2017, 1518, 29-42.	0.9	1
116	Heterogeneous Uptake of Gas-Phase Acetic Acid on the Surface of Al ₂ O ₃ Particles: Temperature Effects. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2749-2755.	3.3	11
117	Amphiphilic Janus Particles Generated via a Combination of Diffusion-Induced Phase Separation and Magnetically Driven Dewetting and Their Synergistic Self-Assembly. <i>Advanced Materials</i> , 2016, 28, 3131-3137.	21.0	74
118	Specific interaction of platinated DNA and proteins by surface plasmon resonance imaging. <i>RSC Advances</i> , 2016, 6, 21900-21906.	3.6	10
119	Red fluorescent chitosan nanoparticles grafted with poly(2-methacryloyloxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td	3.0	14
120	Chemical Strategy to Stepwise Amplification of Signals in Surface Plasmon Resonance Imaging Detection of Saccharides and Glycoconjugates. <i>Analytical Chemistry</i> , 2016, 88, 10011-10018.	6.5	19
121	An experimental kinetic study and products research of the reactions of O ₃ with a series of unsaturated alcohols. <i>Atmospheric Environment</i> , 2016, 145, 455-467.	4.1	9
122	Mechanism and Kinetics of Heterogeneous Reactions of Unsaturated Organic Acids on Al ₂ O ₃ and CaCO ₃ . <i>ChemPhysChem</i> , 2016, 17, 3515-3523.	2.1	4
123	Likely Aggregation-Sex Pheromones of the Invasive Beetle <i>Callidiellum villosulum</i> , and the Related Asian Species <i>Allotraeus asiaticus</i> , <i>Semanotus bifasciatus</i> , and <i>Xylotrechus buqueti</i> (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2016, 109, 2243-2246.	1.8	18
124	Mass-Dependent and -Independent Fractionation of Mercury Isotope during Gas-Phase Oxidation of Elemental Mercury Vapor by Atomic Cl and Br. <i>Environmental Science & Technology</i> , 2016, 50, 9232-9241.	10.0	143
125	A universal strategy for direct immobilization of intact bioactivity-conserved carbohydrates on gold nanoparticles. <i>RSC Advances</i> , 2016, 6, 85333-85339.	3.6	11
126	Heterogeneous reactions of NO ₂ with CaCO ₃ ·nH ₂ O mixtures at different relative humidities. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8081-8093.	3.0	28

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127	Ratiometric Fluorescent Pattern for Sensing Proteins Using Aqueous Polymer-Pyrene/ β -Cyclodextrin Inclusion Complexes. <i>Analytical Chemistry</i> , 2016, 88, 1821-1826.	6.5	29
128	Strategy To Fabricate Naked-Eye Readout Ultrasensitive Plasmonic Nanosensor Based on Enzyme Mimetic Gold Nanoclusters. <i>Analytical Chemistry</i> , 2016, 88, 1412-1418.	6.5	66
129	Exploring the nitrous acid (HONO) formation mechanism in winter Beijing: direct emissions and heterogeneous production in urban and suburban areas. <i>Faraday Discussions</i> , 2016, 189, 213-230.	3.2	77
130	Heterogeneous uptake of gaseous hydrogen peroxide on mineral dust. <i>Journal of Environmental Sciences</i> , 2016, 40, 44-50.	6.1	11
131	Generation, Characterization, and Application of Hierarchically Structured Self-Assembly Induced by the Combined Effect of Self-Emulsification and Phase Separation. <i>Journal of the American Chemical Society</i> , 2016, 138, 2090-2093.	13.7	29
132	Water uptake of multicomponent organic mixtures and their influence on hygroscopicity of inorganic salts. <i>Journal of Environmental Sciences</i> , 2016, 45, 156-163.	6.1	11
133	Direct Derivatization and Quantitation of Ultra-trace Gibberellins in Sub-milligram Fresh Plant Organs. <i>Molecular Plant</i> , 2016, 9, 175-177.	8.3	21
134	Prionic Acid: An Effective Sex Attractant for an Important Pest of Sugarcane, <i>Dorysthenes granulatus</i> (Coleoptera: Cerambycidae: Prioninae). <i>Journal of Economic Entomology</i> , 2016, 109, 484-486.	1.8	11
135	Identification of a Male-Produced Pheromone Component of the Citrus Longhorned Beetle, <i>Anoplophora chinensis</i> . <i>PLoS ONE</i> , 2015, 10, e0134358.	2.5	32
136	Template-free synthesis of 3D hierarchical amorphous aluminum oxide microspheres with broccoli-like structure and their application in fluoride removal. <i>RSC Advances</i> , 2015, 5, 19159-19165.	3.6	35
137	Heterogeneous uptake of nitrogen dioxide on Chinese mineral dust. <i>Journal of Environmental Sciences</i> , 2015, 38, 110-118.	6.1	16
138	One-step fabrication and characterization of hierarchical MgFe ₂ O ₄ microspheres and their application for lead removal. <i>Microporous and Mesoporous Materials</i> , 2015, 207, 170-178.	4.4	84
139	Comparisons of measured nitrous acid (HONO) concentrations in a pollution period at urban and suburban Beijing, in autumn of 2014. <i>Science China Chemistry</i> , 2015, 58, 1393-1402.	8.2	41
140	Preparation of biocompatible and photostable PEGylated red fluorescent nanoparticles for cellular imaging. <i>Polymer Chemistry</i> , 2015, 6, 5891-5898.	3.9	18
141	Photoelectron Spectroscopy and Ionic Fragmentation of OSeCl ₂ and Its Analogue OSCL ₂ under VUV Irradiation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8000-8009.	2.5	0
142	Sensitive and selective determination of polycyclic aromatic hydrocarbons in mainstream cigarette smoke using a graphene-coated solid-phase microextraction fiber prior to GC/MS. <i>Talanta</i> , 2015, 140, 102-108.	5.5	36
143	Gas-phase reaction of two unsaturated ketones with atomic Cl and O ₃ : kinetics and products. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12000-12012.	2.8	24
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