

# Xin Yang

## List of Publications by Year in Descending Order

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

244  
papers

7,555  
citations

46  
h-index

73  
g-index

254  
ext. papers

9,046  
ext. citations

6.7  
avg, IF

6.03  
L-index

#	Paper	IF	Citations
244	Comparison of the Anthropogenic Emission Inventory for CMIP6 Models with a Country-Level Inventory over China and the Simulations of the Aerosol Properties. <i>Advances in Atmospheric Sciences</i> , <b>2022</b> , 39, 80-96	2.9	2
243	Geographical and temporal encoding for improving the estimation of PM2.5 concentrations in China using end-to-end gradient boosting. <i>Remote Sensing of Environment</i> , <b>2022</b> , 269, 112828	13.2	2
242	aSGD: Stochastic Gradient Descent with Adaptive Batch Size for Every Parameter. <i>Mathematics</i> , <b>2022</b> , 10, 863	2.3	0
241	Efficient Atmospheric Transport of Microplastics over Asia and Adjacent Oceans.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> , 56, 6243-6252	10.3	2
240	Dynamic Ni/V Ratio in the Ship-Emitted Particles Driven by Multiphase Fuel Oil Regulations in Coastal China. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 15031-15039	10.3	4
239	Carrier-Free Triterpene Prodrugs with Glutathione Response and Biosafety for Synergistically Enhanced Photochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 245-256	9.5	9
238	Sensitivities of Ozone Air Pollution in the Beijing-Tianjin-Hebei Area to Local and Upwind Precursor Emissions Using Adjoint Modeling. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5752-5762	10.3	10
237	Vertical Characteristics of Pollution Transport in Hong Kong and Beijing, China. <i>Atmosphere</i> , <b>2021</b> , 12, 457	2.7	2
236	Recent advances in metal-organic frameworks/membranes for adsorption and removal of metal ions. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 137, 116226	14.6	16
235	Spatially explicit analysis identifies significant potential for bioenergy with carbon capture and storage in China. <i>Nature Communications</i> , <b>2021</b> , 12, 3159	17.4	14
234	Separation and enrichment of sibiskoside from <i>Sibiraea angustata</i> with magnetic surface dummy template molecularly imprinted polymers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1178, 122767	3.2	0
233	Ratio of PM2.5 to PM10 Mass Concentrations in Beijing and Relationships with Pollution from the North China Plain. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , <b>2021</b> , 57, 421-434	2.1	1
232	Isolation, purification, structure and antioxidant activity of polysaccharide from pinecones of <i>Pinus koraiensis</i> . <i>Carbohydrate Polymers</i> , <b>2021</b> , 251, 117078	10.3	26
231	Synthesis of magnetic covalent organic framework molecularly imprinted polymers at room temperature: A novel imprinted strategy for thermo-sensitive substance. <i>Talanta</i> , <b>2021</b> , 225, 121958	6.2	10
230	A directed co-assembly of herbal small molecules into carrier-free nanodrugs for enhanced synergistic antitumor efficacy. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 1040-1048	7.3	4
229	Global Significant Changes in Formaldehyde (HCHO) Columns Observed From Space at the Early Stage of the COVID-19 Pandemic. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, 2e020GL091265	4.9	13
228	Impacts of Chemical Degradation on the Global Budget of Atmospheric Levoglucosan and Its Use As a Biomass Burning Tracer. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5525-5536	10.3	8

227	Ethylenediamine and Pentaethylene Hexamine Modified Bamboo Sawdust by Radiation Grafting and Their Adsorption Behavior for Phosphate. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 7854	2.6	2
226	Phytonanomaterials as therapeutic agents and drug delivery carriers. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 176, 113868	18.5	6
225	Smoke Detection from Himawari-8 Satellite Data over Kalimantan Island Using Multilayer Perceptrons. <i>Remote Sensing</i> , <b>2021</b> , 13, 3721	5	1
224	Mussel-inspired triple bionic adsorbent: Facile preparation of layered double hydroxide@polydopamine@metal-polyphenol networks and their selective adsorption of dyes in single and binary systems. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 420, 126609	12.8	10
223	Self-assembled natural small molecule diterpene acids with favorable anticancer activity and biosafety for synergistically enhanced antitumor chemotherapy. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 2674-2687	7.3	1
222	Exploring the self-assembly mechanism and effective synergistic antitumor chemophototherapy of a biodegradable and glutathione responsive ursolic acid prodrug mediated photosensitive nanodrug. <i>Biomaterials Science</i> , <b>2021</b> , 9, 3762-3775	7.4	1
221	Stimuli-responsive Supramolecular Gels Based on the Self-Assembly of stigmasterol-ferrocene derivative. <i>Colloids and Interface Science Communications</i> , <b>2020</b> , 39, 100321	5.4	5
220	ROS-generation potential of Humic-like substances (HULIS) in ambient PM in urban Shanghai: Association with HULIS concentration and light absorbance. <i>Chemosphere</i> , <b>2020</b> , 256, 127050	8.4	10
219	Increasing surface ozone and enhanced secondary organic carbon formation at a city junction site: An epitome of the Yangtze River Delta, China (2014-2017). <i>Environmental Pollution</i> , <b>2020</b> , 265, 114847	9.3	7
218	Spatiotemporal and probability variations of surface PM over China between 2013 and 2019 and the associated changes in health risks: An integrative observation and model analysis. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 137896	10.2	15
217	Anthropogenic Aerosols Significantly Reduce Mesoscale Convective System Occurrences and Precipitation Over Southern China in April. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL086204	4.9	5
216	Direct links between hygroscopicity and mixing state of ambient aerosols: estimating particle hygroscopicity from their single-particle mass spectra. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 6273-6290	6.8	6
215	Preparation of three-dimensional graphene free-standing electrochemical sensor and its potential application in glucose determination. <i>Journal of the Iranian Chemical Society</i> , <b>2020</b> , 17, 2845-2853	2	3
214	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 202, 110898	7	2
213	Size-segregated characteristics of organic carbon(OC), elemental carbon(EC) and organic matter in particulate matter(PM) emitted from different types of ships in China. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 1549-1564	6.8	11
212	Exploration of the Natural Active Small-Molecule Drug-Loading Process and Highly Efficient Synergistic Antitumor Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6827-6839	9.5	26
211	Strategy of Fusion Covalent Organic Frameworks and Molecularly Imprinted Polymers: A Surprising Effect in Recognition and Loading of Cyanidin-3--glucoside. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 8751-8760	9.5	13
210	Source assessment of atmospheric fine particulate matter in a Chinese megacity: Insights from long-term, high-time resolution chemical composition measurements from Shanghai flagship monitoring supersite. <i>Chemosphere</i> , <b>2020</b> , 251, 126598	8.4	6

209	Emergency Response Measures to Alleviate a Severe Haze Pollution Event in Northern China during December 2015: Assessment of Effectiveness. <i>Aerosol and Air Quality Research</i> , <b>2020</b> , 20, 2098-2116	4.6	5
208	Development of an automatic linear calibration method for high-resolution single-particle mass spectrometry: improved chemical species identification for atmospheric aerosols. <i>Atmospheric Measurement Techniques</i> , <b>2020</b> , 13, 4111-4121	4	1
207	Different formation mechanisms of PAH during wood and coal combustion under different temperatures. <i>Atmospheric Environment</i> , <b>2020</b> , 222, 117084	5.3	21
206	Enhanced therapeutic effect of paclitaxel with a natural polysaccharide carrier for local injection in breast cancer. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 163-172	7.9	15
205	Oligochitosan-modified three-dimensional graphene free-standing electrode for electrochemical detection of imidacloprid insecticide. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 1078-1088	1.5	1
204	Simple synthesis of magnetic porous organic cages for adsorption of triphenylmethane dyes in aquatic products. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105275	4.8	2
203	Paclitaxel and betulonic acid synergistically enhance antitumor efficacy by forming co-assembled nanoparticles. <i>Biochemical Pharmacology</i> , <b>2020</b> , 182, 114232	6	5
202	Production Flux and Chemical Characteristics of Spray Aerosol Generated From Raindrop Impact on Seawater and Soil. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD032052	4.4	0
201	Effects of cleaner ship fuels on air quality and implications for future policy: A case study of Chongming Ecological Island in China. <i>Journal of Cleaner Production</i> , <b>2020</b> , 267, 122088	10.3	12
200	Chemical characterization and source identification of submicron aerosols from a year-long real-time observation at a rural site of Shanghai using an Aerosol Chemical Speciation Monitor. <i>Atmospheric Research</i> , <b>2020</b> , 246, 105154	5.4	6
199	Nanomedicine-Cum-Carrier by Co-Assembly of Natural Small Products for Synergistic Enhanced Antitumor with Tissues Protective Actions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 42537-42550	9.5	10
198	Bioactive Natural Small Molecule-Tuned Coassembly of Photosensitive Drugs for Highly Efficient Synergistic and Enhanced Type I Photochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43488-43500	9.5	9
197	A highly atom-economical bioactive nanocarrier for synergistically enhanced antitumor with reduced liver injury. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 16741-16751	3.6	2
196	Accelerating the Training Process of Convolutional Neural Networks for Image Classification by Dropping Training Samples Out. <i>IEEE Access</i> , <b>2020</b> , 8, 142393-142403	3.5	5
195	Size-Resolved Mixing States and Sources of Amine-Containing Particles in the East China Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2020JD033162	4.4	6
194	Self-assembled small molecule natural product gel for drug delivery: a breakthrough in new application of small molecule natural products. <i>Acta Pharmaceutica Sinica B</i> , <b>2020</b> , 10, 913-927	15.5	27
193	Self-assembled supramolecular material derived from traditional Chinese medicine: Injectable self-assembled natural product gel for drug delivery with biological activity. <i>Materials Today Communications</i> , <b>2020</b> , 23, 101149	2.5	5
192	Changes in the SO Level and PM Components in Shanghai Driven by Implementing the Ship Emission Control Policy. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 11580-11587	10.3	31

191	Amido surface-functionalized magnetic molecularly imprinted polymers for the efficient extraction of Sibiskoside from <i>Sibiraea angustata</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1109, 90-98	3.2	7
190	Chitosan Oligosaccharides Induce Apoptosis in Human Renal Carcinoma via Reactive-Oxygen-Species-Dependent Endoplasmic Reticulum Stress. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1691-1701	5.7	18
189	Effects of polysaccharide from the fruiting bodies of <i>Auricularia auricular</i> on glucose metabolism in Co- $\beta$ -radiated mice. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 887-897	7.9	10
188	Size-fractionated water-soluble ions during autumn and winter: Insights into volatile ammonium formation mechanisms in Shanghai, a megacity of China. <i>Atmospheric Environment: X</i> , <b>2019</b> , 2, 100011	2.8	1
187	Dual functional monomer surface molecularly imprinted microspheres for polysaccharide recognition in aqueous solution. <i>Analytical Methods</i> , <b>2019</b> , 11, 2800-2808	3.2	11
186	Structural characterization and antitumor effects of chitosan oligosaccharides against orthotopic liver tumor via NF- $\kappa$ B signaling pathway. <i>Journal of Functional Foods</i> , <b>2019</b> , 57, 157-165	5.1	11
185	Chemistry-triggered events of PM explosive growth during late autumn and winter in Shanghai, China. <i>Environmental Pollution</i> , <b>2019</b> , 254, 112864	9.3	27
184	Simple and Multifunctional Natural Self-Assembled Sterols with Anticancer Activity-Mediated Supramolecular Photosensitizers for Enhanced Antitumor Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 29498-29511	9.5	19
183	Single small molecule-assembled nanoparticles mediate efficient oral drug delivery. <i>Nano Research</i> , <b>2019</b> , 12, 2468-2476	10	23
182	East Asian Study of Tropospheric Aerosols and their Impact on Regional Clouds, Precipitation, and Climate (EAST-AIRCPC). <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 13026-13054	4.4	104
181	Radiation Synthesis of Pentaethylene Hexamine Functionalized Cotton Linter for Effective Removal of Phosphate: Batch and Dynamic Flow Mode Studies. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
180	Anti-edema and antioxidant combination therapy for ischemic stroke via glyburide-loaded betulinic acid nanoparticles. <i>Theranostics</i> , <b>2019</b> , 9, 6991-7002	12.1	29
179	The effects of firework regulation on air quality and public health during the Chinese Spring Festival from 2013 to 2017 in a Chinese megacity. <i>Environment International</i> , <b>2019</b> , 126, 96-106	12.9	47
178	Nitrogen-containing secondary organic aerosol formation by acrolein reaction with ammonia/ammonium. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 1343-1356	6.8	13
177	Nitrite-Mediated Photooxidation of Vanillin in the Atmospheric Aqueous Phase. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 14253-14263	10.3	28
176	Magnetic metal-organic framework nanocomposites for enrichment and direct detection of environmental pollutants by negative-ion matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Talanta</i> , <b>2019</b> , 194, 329-335	6.2	13
175	Emission factors and environmental implication of organic pollutants in PM emitted from various vessels in China. <i>Atmospheric Environment</i> , <b>2019</b> , 200, 302-311	5.3	22
174	Photochemical Aging of Guaiacol by Fe(III)-Oxalate Complexes in Atmospheric Aqueous Phase. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 127-136	10.3	34

173	Impact of adsorbed nitrate on the heterogeneous conversion of SO on $\alpha$ -FeO in the absence and presence of simulated solar irradiation. <i>Science of the Total Environment</i> , <b>2019</b> , 649, 1393-1402	10.2	8
172	Spatial Representativeness of PM <sub>2.5</sub> Concentrations Obtained Using Observations From Network Stations. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 3145-3158	4.4	46
171	Trends in heterogeneous aqueous reaction in continuous haze episodes in suburban Shanghai: An in-depth case study. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 1192-1204	10.2	22
170	Real-World Emission Factors of Gaseous and Particulate Pollutants from Marine Fishing Boats and Their Total Emissions in China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4910-4919	10.3	32
169	Growth-inhibition of S180 residual-tumor by combination of cyclophosphamide and chitosan oligosaccharides in vivo. <i>Life Sciences</i> , <b>2018</b> , 202, 21-27	6.8	9
168	New stationary phase for hydrophilic interaction chromatography to separate chito-oligosaccharides with degree of polymerization 2-6. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1081-1082, 33-40	3.2	2
167	DropBand: A Simple and Effective Method for Promoting the Scene Classification Accuracy of Convolutional Neural Networks for VHR Remote Sensing Imagery. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2018</b> , 15, 257-261	4.1	18
166	Natural product gelators and a general method for obtaining them from organisms. <i>Nanoscale</i> , <b>2018</b> , 10, 3639-3643	7.7	20
165	Protective Effect of Chitosan Oligosaccharides Against Cyclophosphamide-Induced Immunosuppression and Irradiation Injury in Mice. <i>Journal of Food Science</i> , <b>2018</b> , 83, 535-542	3.4	13
164	Particle size distribution and respiratory deposition estimates of airborne perfluoroalkyl acids during the haze period in the megacity of Shanghai. <i>Environmental Pollution</i> , <b>2018</b> , 234, 9-19	9.3	22
163	Insights into the formation of secondary organic carbon in the summertime in urban Shanghai. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 72, 118-132	6.4	15
162	Emission or atmospheric processes? An attempt to attribute the source of large bias of aerosols in eastern China simulated by global climate models. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 1395-1417	6.8	22
161	Quantify contribution of aerosol errors to cloud fraction biases in CMIP5 Atmospheric Model Intercomparison Project simulations. <i>International Journal of Climatology</i> , <b>2018</b> , 38, 3140-3156	3.5	9
160	Impact of aerosols on tropical cyclone-induced precipitation over the mainland of China. <i>Climatic Change</i> , <b>2018</b> , 148, 173-185	4.5	19
159	Characteristics of atmospheric ammonia and its relationship with vehicle emissions in a megacity in China. <i>Atmospheric Environment</i> , <b>2018</b> , 182, 97-104	5.3	24
158	Self-assembled fibrillar networks induced by two methods: a new unmodified natural product gel. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14170-14178	3.6	15
157	Spatiotemporal Trends of Elemental Carbon and Char/Soot Ratios in Five Sediment Cores from Eastern China Marginal Seas: Indicators of Anthropogenic Activities and Transport Patterns. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 9704-9712	10.3	12
156	Solvent-induced Gel Formation Hypothesis for Natural Product Gelators with Polycyclic Structures. <i>ChemPlusChem</i> , <b>2018</b> , 83, 797-803	2.8	5

155	Wintertime cooling and a potential connection with transported aerosols in Hong Kong during recent decades. <i>Atmospheric Research</i> , <b>2018</b> , 211, 52-61	5.4	50
154	Atmospheric new particle formation from sulfuric acid and amines in a Chinese megacity. <i>Science</i> , <b>2018</b> , 361, 278-281	33.3	265
153	High Time- and Size-Resolved Measurements of PM and Chemical Composition from Coal Combustion: Implications for the EC Formation Process. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 6676-6685	10.3	32
152	Selective recognition and fast enrichment of anthocyanins by dummy molecularly imprinted magnetic nanoparticles. <i>Journal of Chromatography A</i> , <b>2018</b> , 1572, 9-19	4.5	39
151	Impact of heterogeneous uptake of nitrogen dioxide on the conversion of acetaldehyde on gamma-alumina in the absence and presence of simulated solar irradiation. <i>Atmospheric Environment</i> , <b>2018</b> , 187, 282-291	5.3	6
150	Measurements of nonvolatile size distribution and its link to traffic soot in urban Shanghai. <i>Science of the Total Environment</i> , <b>2018</b> , 615, 452-461	10.2	2
149	Chitosan oligosaccharides with degree of polymerization 2-6 induces apoptosis in human colon carcinoma HCT116 cells. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 279, 129-135	5	20
148	Partial least regression approach to forecast the East Asian winter monsoon using Eurasian snow cover and sea surface temperature. <i>Climate Dynamics</i> , <b>2018</b> , 51, 4573-4584	4.2	6
147	Air quality in the middle and lower reaches of the Yangtze River channel: a cruise campaign. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 14445-14464	6.8	6
146	Temporal variations in the hygroscopicity and mixing state of black carbon aerosols in a polluted megacity area. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 15201-15218	6.8	14
145	Online single particle measurement of fireworks pollution during Chinese New Year in Nanning. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 53, 184-195	6.4	32
144	Long-range and regional transported size-resolved atmospheric aerosols during summertime in urban Shanghai. <i>Science of the Total Environment</i> , <b>2017</b> , 583, 334-343	10.2	27
143	Shipping emissions and their impacts on air quality in China. <i>Science of the Total Environment</i> , <b>2017</b> , 581-582, 186-198	10.2	89
142	Application of $\beta$ -cyclodextrin-reduced graphene oxide nanosheets for enhanced electrochemical sensing of the nitenpyram residue in real samples. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2169-2177	3.6	23
141	A rapid electrochemical monitoring platform for sensitive determination of thiamethoxam based on $\beta$ -cyclodextrin-graphene composite. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 1991-1997	3.8	7
140	Isolation, physicochemical properties, and in vitro antioxidant activity of polysaccharides extracted from different parts of <i>Pinus koraiensis</i> . <i>Journal of Wood Chemistry and Technology</i> , <b>2017</b> , 37, 225-240	2	8
139	Characterization of typical metal particles during haze episodes in Shanghai, China. <i>Chemosphere</i> , <b>2017</b> , 181, 259-269	8.4	14
138	Design and application of a novel integrated microsampling system for simultaneous collection of gas- and particle-phase semivolatile organic compounds. <i>Atmospheric Environment</i> , <b>2017</b> , 149, 1-11	5.3	5

137	Influence of Ship Emissions on Urban Air Quality: A Comprehensive Study Using Highly Time-Resolved Online Measurements and Numerical Simulation in Shanghai. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 202-211	10.3	76
136	Seasonal contributions to size-resolved n-alkanes (C-C) in the Shanghai atmosphere from regional anthropogenic activities and terrestrial plant waxes. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 1918-1928	10.2	17
135	A facile molecularly imprinted electrochemical sensor based on graphene: application to the selective determination of thiamethoxam in grain. <i>RSC Advances</i> , <b>2017</b> , 7, 38884-38894	3.7	14
134	Uncertainty in Predicting CCN Activity of Aged and Primary Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 11,723-11,736	4.4	24
133	Multi-pollutant emissions from the burning of major agricultural residues in China and the related health-economic effects. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 4957-4988	6.8	34
132	Insight into winter haze formation mechanisms based on aerosol hygroscopicity and effective density measurements. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 7277-7290	6.8	23
131	Size-resolved chemical composition, effective density, and optical properties of biomass burning particles. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 7481-7493	6.8	28
130	Single-Particle Characterizations of Ambient Aerosols during a Wintertime Pollution Episode in Nanning: Local Emissions vs. Regional Transport. <i>Aerosol and Air Quality Research</i> , <b>2017</b> , 17, 49-58	4.6	3
129	Preparation and adsorption properties of glucose molecularly imprinted polymers in hydrous solution for effective determination of glucose in fruits by MISPE-PLC. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 2087-2096	2	3
128	Advances in characterisation and biological activities of chitosan and chitosan oligosaccharides. <i>Food Chemistry</i> , <b>2016</b> , 190, 1174-1181	8.5	265
127	Size distribution of particle-phase sugar and nitrophenol tracers during severe urban haze episodes in Shanghai. <i>Atmospheric Environment</i> , <b>2016</b> , 145, 115-127	5.3	54
126	Distinct impact of different types of aerosols on surface solar radiation in China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 6459-6471	4.4	86
125	Antitumor Effects of Orally and Intraperitoneally Administered Chitosan Oligosaccharides (COSs) on S180-Bearing/Residual Mouse. <i>Journal of Food Science</i> , <b>2016</b> , 81, H3035-H3042	3.4	21
124	Size distributions of polycyclic aromatic hydrocarbons in urban atmosphere: sorption mechanism and source contributions to respiratory deposition. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 2971-2983	6.8	43
123	Impacts of organic aerosols and its oxidation level on CCN activity from measurement at a suburban site in China. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 5413-5425	6.8	26
122	Size distribution and mixing state of black carbon particles during a heavy air pollution episode in Shanghai. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 5399-5411	6.8	58
121	Physiochemical properties of carbonaceous aerosol from agricultural residue burning: Density, volatility, and hygroscopicity. <i>Atmospheric Environment</i> , <b>2016</b> , 140, 94-105	5.3	30
120	Intensification of aerosol pollution associated with its feedback with surface solar radiation and winds in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 4093-4099	4.4	98



119	Online single particle analysis of chemical composition and mixing state of crop straw burning particles: from laboratory study to field measurement. <i>Frontiers of Environmental Science and Engineering</i> , <b>2016</b> , 10, 244-252	5.8	6
118	Determination of astaxanthin in feeds using high performance liquid chromatography and an efficient extraction method. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2016</b> , 39, 35-43 <sup>1-3</sup>		7
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