

# Xin Yang

## List of Publications by Citations

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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	Synthesis of the H-cluster framework of iron-only hydrogenase. <i>Nature</i> , <b>2005</b> , 433, 610-3	50.4	467
243	Advances in characterisation and biological activities of chitosan and chitosan oligosaccharides. <i>Food Chemistry</i> , <b>2016</b> , 190, 1174-1181	8.5	265
242	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
241	Structure of the Na(x)Cl(x+1) (-) (x=1-4) clusters via ab initio genetic algorithm and photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 5709-19	3.9	247
240	Bulk-like features in the photoemission spectra of hydrated doubly charged anion clusters. <i>Science</i> , <b>2001</b> , 294, 1322-5	33.3	171
239	Spatial and Seasonal Dynamics of Ship Emissions over the Yangtze River Delta and East China Sea and Their Potential Environmental Influence. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 1322-9	10.3	129
238	Direct experimental observation of the low ionization potentials of guanine in free oligonucleotides by using photoelectron spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 17588-92	11.5	124
237	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
236	Source apportionment of lead-containing aerosol particles in Shanghai using single particle mass spectrometry. <i>Chemosphere</i> , <b>2009</b> , 74, 501-7	8.4	104
235	Molecular characterization of organosulfates in organic aerosols from Shanghai and Los Angeles urban areas by nanospray-desorption electrospray ionization high-resolution mass spectrometry. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 10993-1001	10.3	102
234	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
233	Single particle mass spectrometry of oxalic acid in ambient aerosols in Shanghai: Mixing state and formation mechanism. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 3876-3882	5.3	91
232	Conducting polymers in environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 39, 163-179	14.6	90
231	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
230	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
229	Important role of ammonia on haze formation in Shanghai. <i>Environmental Research Letters</i> , <b>2011</b> , 6, 024001	11.9	86
228	Physical characterization of aerosol particles during the Chinese New Year's firework events. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 5191-5198	5.3	85

227	Evidence for high molecular weight nitrogen-containing organic salts in urban aerosols. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 4441-6	10.3	79
226	Particulate nitrate formation in a highly polluted urban area: a case study by single-particle mass spectrometry in Shanghai. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 3061-6	10.3	79
225	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
224	Hygroscopicity of Inorganic Aerosols: Size and Relative Humidity Effects on the Growth Factor. <i>Aerosol and Air Quality Research</i> , <b>2010</b> , 10, 255-264	4.6	76
223	Airborne submicron particulate (PM <sub>1</sub> ) pollution in Shanghai, China: chemical variability, formation/dissociation of associated semi-volatile components and the impacts on visibility. <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 199-206	10.2	73
222	Intense secondary aerosol formation due to strong atmospheric photochemical reactions in summer: observations at a rural site in eastern Yangtze River Delta of China. <i>Science of the Total Environment</i> , <b>2016</b> , 571, 1454-66	10.2	72
221	Photodetachment of Hydrated Sulfate Doubly Charged Anions: SO <sub>4</sub> <sup>2-</sup> (H <sub>2</sub> O) <sub>n</sub> (n = 4-10). <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 7607-7616	2.8	69
220	Photodetachment and theoretical study of free and water-solvated nitrate anions, NO <sub>3</sub> <sup>-</sup> (H <sub>2</sub> O) <sub>n</sub> (n=0-8). <i>Journal of Chemical Physics</i> , <b>2002</b> , 116, 561-570	3.9	69
219	Probing solution-phase species and chemistry in the gas phase. <i>International Reviews in Physical Chemistry</i> , <b>2002</b> , 21, 473-498	7	67
218	Hygroscopicity and evaporation of ammonium chloride and ammonium nitrate: Relative humidity and size effects on the growth factor. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 2349-2355	5.3	66
217	Determination of free amino acids and 18 elements in freeze-dried strawberry and blueberry fruit using an Amino Acid Analyzer and ICP-MS with micro-wave digestion. <i>Food Chemistry</i> , <b>2014</b> , 147, 189-94	8.5	64
216	Probing the intrinsic electronic structure of the cubane [4Fe-4S] cluster: nature's favorite cluster for electron transfer and storage. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 14072-81	16.4	63
215	Evolution of the mixing state of fine aerosols during haze events in Shanghai. <i>Atmospheric Research</i> , <b>2012</b> , 104-105, 193-201	5.4	62
214	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
213	Competitive fluorescence assay for specific recognition of atrazine by magnetic molecularly imprinted polymer based on Fe <sub>3</sub> O <sub>4</sub> -chitosan. <i>Carbohydrate Polymers</i> , <b>2016</b> , 137, 75-81	10.3	56
212	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
211	Gold dichloride and gold dibromide with gold atoms in three different oxidation states. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 311-4	16.4	54
210	Bulk versus interfacial aqueous solvation of dicarboxylate dianions. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 11691-8	16.4	53

209	Hygroscopic growth of urban aerosol particles during the 2009 Mirage-Shanghai Campaign. <i>Atmospheric Environment</i> , <b>2013</b> , 64, 263-269	5.3	52
208	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
207	Photoelectron Spectroscopy of Free Polyoxoanions Mo <sub>6</sub> O <sub>19</sub> <sup>2-</sup> and W <sub>6</sub> O <sub>19</sub> <sup>2-</sup> in the Gas Phase. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 10089-10093	2.8	50
206	In vitro antioxidant activities of sulfated derivatives of polysaccharides extracted from <i>Auricularia auricular</i> . <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 3288-302	6.3	49
205	Insights into Ammonium Particle-to-Gas Conversion: Non-sulfate Ammonium Coupling with Nitrate and Chloride. <i>Aerosol and Air Quality Research</i> , <b>2010</b> , 10, 589-595	4.6	49
204	Photodetachment of F(H <sub>2</sub> O) <sub>n</sub> (n=1-4): Observation of charge-transfer states [F(H <sub>2</sub> O) <sub>n</sub> <sup>+</sup> ] and the transition state of F+H <sub>2</sub> O hydrogen abstraction reaction. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 2889-2892	3.9	49
203	Chemical composition and antioxidant activities of three polysaccharide fractions from pine cones. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 14262-77	6.3	48
202	Ozone and daily mortality rate in 21 cities of East Asia: how does season modify the association?. <i>American Journal of Epidemiology</i> , <b>2014</b> , 180, 729-36	3.8	47
201	Single particle analysis of amines in ambient aerosol in Shanghai. <i>Environmental Chemistry</i> , <b>2012</b> , 9, 202	3.2	47
200	On the electronic structures of gaseous transition metal halide complexes, FeX <sub>4</sub> <sup>-</sup> and MX <sub>3</sub> <sup>0</sup> (M=Mn, Fe, Co, Ni, X=Cl, Br), using photoelectron spectroscopy and density functional calculations. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 8311-8320	3.9	47
199	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
198	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
197	Increases in thunderstorm activity and relationships with air pollution in southeast China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 1835-1844	4.4	46
196	Direct measurement of the hydrogen-bonding effect on the intrinsic redox potentials of [4Fe-4S] cubane complexes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15790-4	16.4	46
195	Solvation of the Azide Anion (N <sub>3</sub> <sup>-</sup> ) in Water Clusters and Aqueous Interfaces: A Combined Investigation by Photoelectron Spectroscopy, Density Functional Calculations, and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 7820-7826	2.8	44
194	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
193	Reactions of Atmospheric Particulate Stabilized Criegee Intermediates Lead to High-Molecular-Weight Aerosol Components. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 5702-10	10.3	43
192	Photodetachment of zwitterions: probing intramolecular coulomb repulsion and attraction in the gas phase using pyridinium dicarboxylate anions. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 296-304	16.4	41

191	Effects of amines on particle growth observed in new particle formation events. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 324-335	4.4	41
190	Observations of linear dependence between sulfate and nitrate in atmospheric particles. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 341-361	4.4	40
189	Size-resolved hygroscopicity of submicrometer urban aerosols in Shanghai during wintertime. <i>Atmospheric Research</i> , <b>2011</b> , 99, 353-364	5.4	40
188	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
187	Heavy air pollution suppresses summer thunderstorms in central China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2013</b> , 95-96, 28-40	2	39
186	Characterization and bioactivity of polysaccharides obtained from pine cones of <i>Pinus koraiensis</i> by graded ethanol precipitation. <i>Molecules</i> , <b>2013</b> , 18, 9933-48	4.8	39
185	Milk fat chemical composition of yak breeds in China. <i>Journal of Food Composition and Analysis</i> , <b>2011</b> , 24, 223-230	4.1	39
184	Solvent-mediated folding of a doubly charged anion. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 876-83	16.4	39
183	Experimental and Theoretical Investigations of the Stability, Energetics, and Structures of H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> , H <sub>2</sub> P <sub>2</sub> O <sub>7</sub> <sup>2-</sup> , and H <sub>3</sub> P <sub>3</sub> O <sub>10</sub> <sup>2-</sup> in the Gas Phase. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 10468-10474	2.8	39
182	Size-resolved effective density of urban aerosols in Shanghai. <i>Atmospheric Environment</i> , <b>2015</b> , 100, 133-140	5.9	38
181	Photodetachment of hydrated oxalate dianions in the gas phase, C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> (H <sub>2</sub> O) <sub>n</sub> (n=3-10): From solvated clusters to nanodroplet. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 3631-3640	3.9	37
180	Spectrophotometric and visual detection of the herbicide atrazine by exploiting hydrogen bond-induced aggregation of melamine-modified gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2015</b> , 182, 1983-1989	5.8	35
179	Preparation of a magnetic molecularly imprinted polymer using g-C <sub>3</sub> N <sub>4</sub> @Fe <sub>3</sub> O <sub>4</sub> for atrazine adsorption. <i>Materials Letters</i> , <b>2015</b> , 160, 472-475	3.3	34
178	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
177	Insights into different nitrate formation mechanisms from seasonal variations of secondary inorganic aerosols in Shanghai. <i>Atmospheric Environment</i> , <b>2016</b> , 145, 1-9	5.3	34
176	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
175	New evidence of orographic precipitation suppression by aerosols in central China. <i>Meteorology and Atmospheric Physics</i> , <b>2013</b> , 119, 17-29	2	33
174	Protective effect of anthocyanin from <i>Lonicera Caerulea</i> var. <i>Edulis</i> on radiation-induced damage in mice. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 11773-82	6.3	33

173	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
172	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
171	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
170	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
169	Photoinduced Reactions in the Ion-Molecule Complexes $Mg^+ \cdot XCH_3$ (X = F, Cl). <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 8496-8504	2.8	31
168	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
167	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
166	Online hygroscopicity and chemical measurement of urban aerosol in Shanghai, China. <i>Atmospheric Environment</i> , <b>2014</b> , 95, 318-326	5.3	28
165	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
164	Probing the Electronic Structure of the Di-Iron Subsite of [Fe]-Hydrogenase: A Photoelectron Spectroscopic Study of Fe(I)Fe(I) Model Complexes. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 4612-4618	2.8	28
163	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
162	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
161	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
160	Evolution of biomass burning smoke particles in the dark. <i>Atmospheric Environment</i> , <b>2015</b> , 120, 244-252	5.3	27
159	On the Electronic Structure of [1Fe] FeS Complexes from Anionic Photoelectron Spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 1703-1709	2.8	27
158	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
157	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
156	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

155	Collision-induced dissociation and photodetachment of singly and doubly charged anionic polynuclear transition metal carbonyl clusters: Ru <sub>3</sub> Co(CO) <sub>13</sub> [Ru <sub>6</sub> C(CO) <sub>16</sub> ] <sup>-</sup> and Ru <sub>6</sub> (CO) <sub>18</sub> [Journal of Chemical Physics, <b>2002</b> , 116, 6560-6566]	3.9	26
154	Isolation, purification, structure and antioxidant activity of polysaccharide from pinecones of Pinus koraiensis. Carbohydrate Polymers, <b>2021</b> , 251, 117078	10.3	26
153	Fast and selective recognizes polysaccharide by surface molecularly imprinted film coated onto aldehyde-modified magnetic nanoparticles. Analyst, The, <b>2013</b> , 138, 6653-61	5	25
152	Direct quantification of organic acids in aerosols by desorption electrospray ionization mass spectrometry. Atmospheric Environment, <b>2009</b> , 43, 2717-2720	5.3	25
151	Interactions between Heterogeneous Uptake and Adsorption of Sulfur Dioxide and Acetaldehyde on Hematite. Journal of Physical Chemistry A, <b>2015</b> , 119, 4001-8	2.8	24
150	Characteristics of atmospheric ammonia and its relationship with vehicle emissions in a megacity in China. Atmospheric Environment, <b>2018</b> , 182, 97-104	5.3	24
149	Colorimetric sensing of atrazine in rice samples using cysteamine functionalized gold nanoparticles after solid phase extraction. Analytical Methods, <b>2016</b> , 8, 52-56	3.2	24
148	Uncertainty in Predicting CCN Activity of Aged and Primary Aerosols. Journal of Geophysical Research D: Atmospheres, <b>2017</b> , 122, 11,723-11,736	4.4	24
147	Rapid analysis of SVOC in aerosols by desorption electrospray ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, <b>2008</b> , 19, 450-4	3.5	24
146	Application of β-cyclodextrin reduced graphene oxide nanosheets for enhanced electrochemical sensing of the nitenpyram residue in real samples. New Journal of Chemistry, <b>2017</b> , 41, 2169-2177	3.6	23
145	Single small molecule-assembled nanoparticles mediate efficient oral drug delivery. Nano Research, <b>2019</b> , 12, 2468-2476	10	23
144	Insight into winter haze formation mechanisms based on aerosol hygroscopicity and effective density measurements. Atmospheric Chemistry and Physics, <b>2017</b> , 17, 7277-7290	6.8	23
143	Screening of probiotic lactobacilli for inhibition of Shigella sonnei and the macromolecules involved in inhibition. Anaerobe, <b>2012</b> , 18, 498-503	2.8	23
142	Direct quantification of PAHs in biomass burning aerosols by desorption electrospray ionization mass spectrometry. International Journal of Mass Spectrometry, <b>2009</b> , 281, 31-36	1.9	23
141	Mechanistic Insight into the Symmetric Fission of [4Fe4S] Analogue Complexes and Implications for Cluster Conversions in Iron-Sulfur Proteins. Journal of Physical Chemistry A, <b>2004</b> , 108, 6750-6757	2.8	23
140	Photoelectron spectroscopy of the doubly-charged anions [MIVO(mnt)2] <sup>2-</sup> (M = Mo, W; mnt = S2C2(CN)2 <sup>2-</sup> ): access to the ground and excited states of the [MVO(mnt)2] <sup>-</sup> anion. Journal of the American Chemical Society, <b>2004</b> , 126, 5119-29	16.4	23
139	Measuring and Modeling Aerosol: Relationship with Haze Events in Shanghai, China. Aerosol and Air Quality Research, <b>2014</b> , 14, 783-792	4.6	23
138	Trends in heterogeneous aqueous reaction in continuous haze episodes in suburban Shanghai: An in-depth case study. Science of the Total Environment, <b>2018</b> , 634, 1192-1204	10.2	22

137	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
136	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
135	Monitoring optical properties of aerosols with cavity ring-down spectroscopy. <i>Journal of Aerosol Science</i> , <b>2011</b> , 42, 277-284	4.3	22
134	Photodissociation spectroscopy of Mg+ $\alpha$ 6H5X (X=H, F, Cl, Br). <i>Journal of Chemical Physics</i> , <b>2000</b> , 112, 10236-10246	3.9	22
133	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
132	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
131	Simultaneous determination of 118 pesticide residues in Chinese teas by gas chromatography-mass spectrometry. <i>Chemical Papers</i> , <b>2009</b> , 63,	1.9	21
130	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
129	Size distribution of particle-associated polybrominated diphenyl ethers (PBDEs) and their implications for health. <i>Atmospheric Measurement Techniques</i> , <b>2016</b> , 9, 1025-1037	4	21
128	Natural product gelators and a general method for obtaining them from organisms. <i>Nanoscale</i> , <b>2018</b> , 10, 3639-3643	7.7	20
127	Interior and interfacial aqueous solvation of benzene dicarboxylate dianions and their methylated analogues: A combined molecular dynamics and photoelectron spectroscopy study. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 5042-9	2.8	20
126	Probing the electronic structure of [MoOS(4)](-) centers using anionic photoelectron spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 10182-91	16.4	20
125	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
124	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
123	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
122	Collision-induced symmetric fission of doubly-charged cubelike [Fe <sub>4</sub> S <sub>4</sub> X <sub>4</sub> ] <sub>2</sub> clusters. <i>International Journal of Mass Spectrometry</i> , <b>2003</b> , 228, 797-805	1.9	19
121	Coulomb- and antiferromagnetic-induced fission in doubly charged cubelike Fe-S clusters. <i>Physical Review Letters</i> , <b>2002</b> , 89, 163401	7.4	19
120	Distinct weekly cycles of thunderstorms and a potential connection with aerosol type in China. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 8760-8768	4.9	19



119	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
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