

You-Wei Hong

List of Publications by Year in descending order

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57
papers

1,601
citations

257357

24
h-index

330025

37
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59
all docs

59
docs citations

59
times ranked

1926
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation and biodegradation of phenanthrene and fluoranthene by the algae enriched from a mangrove aquatic ecosystem. <i>Marine Pollution Bulletin</i> , 2008, 56, 1400-1405.	2.3	137
2	Occurrence and environmental implications of pharmaceuticals in Chinese municipal sewage sludge. <i>Chemosphere</i> , 2013, 93, 1765-1772.	4.2	94
3	Source apportionment of PM 2.5 at the Lin'an regional background site in China with three receptor models. <i>Atmospheric Research</i> , 2018, 202, 23-32.	1.8	74
4	Spatial and seasonal variation of the airborne microbiome in a rapidly developing city of China. <i>Science of the Total Environment</i> , 2019, 665, 61-68.	3.9	70
5	Diversity of endophytic and rhizoplane bacterial communities associated with exotic <i>Spartina alterniflora</i> and native mangrove using Illumina amplicon sequencing. <i>Canadian Journal of Microbiology</i> , 2015, 61, 723-733.	0.8	67
6	Empirical estimation of pollution load and contamination levels of phthalate esters in agricultural soils from plastic film mulching in China. <i>Environmental Earth Sciences</i> , 2013, 70, 239-247.	1.3	60
7	A comprehensive study of the impact of polycyclic aromatic hydrocarbons (PAHs) contamination on salt marsh plants <i>Spartina alterniflora</i> : implication for plant-microbe interactions in phytoremediation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7071-7081.	2.7	51
8	Optical properties of PM2.5 and the impacts of chemical compositions in the coastal city Xiamen in China. <i>Science of the Total Environment</i> , 2016, 557-558, 665-675.	3.9	49
9	Chemical Characterization and Source Apportionment of PM2.5 during Spring and Winter in the Yangtze River Delta, China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2165-2180.	0.9	47
10	Source identification of PM2.5 at a port and an adjacent urban site in a coastal city of China: Impact of ship emissions and port activities. <i>Science of the Total Environment</i> , 2018, 634, 1205-1213.	3.9	45
11	Air pollution increases human health risks of PM2.5-bound PAHs and nitro-PAHs in the Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2021, 770, 145402.	3.9	38
12	Source regions and transport pathways of PM2.5 at a regional background site in East China. <i>Atmospheric Environment</i> , 2017, 167, 202-211.	1.9	37
13	Atmospheric oxidation capacity and ozone pollution mechanism in a coastal city of southeastern China: analysis of a typical photochemical episode by an observation-based model. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2173-2190.	1.9	37
14	Adaption of the microbial community to continuous exposures of multiple residual antibiotics in sediments from a salt-water aquacultural farm. <i>Journal of Hazardous Materials</i> , 2015, 290, 96-105.	6.5	36
15	Pattern of atmospheric mercury speciation during episodes of elevated PM2.5 levels in a coastal city in the Yangtze River Delta, China. <i>Environmental Pollution</i> , 2016, 218, 259-268.	3.7	35
16	Seasonally varied cytotoxicity of organic components in PM2.5 from urban and industrial areas of a Chinese megacity. <i>Chemosphere</i> , 2019, 230, 424-431.	4.2	34
17	Characteristics of total and methyl mercury in wet deposition in a coastal city, Xiamen, China: Concentrations, fluxes and influencing factors on Hg distribution in precipitation. <i>Atmospheric Environment</i> , 2014, 99, 10-16.	1.9	33
18	Responses of endophytic and rhizospheric bacterial communities of salt marsh plant (<i>Spartina</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 2016, 16, 707-715.	1.5	33

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19	Secondary organic aerosol of PM _{2.5} in a mountainous forest area in southeastern China: Molecular compositions and tracers implication. <i>Science of the Total Environment</i> , 2019, 653, 496-503.	3.9	32
20	In-vitro human lung cell injuries induced by urban PM _{2.5} during a severe air pollution episode: Variations associated with particle components. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111406.	2.9	32
21	The air pollution governed by subtropical high in a coastal city in Southeast China: Formation processes and influencing mechanisms. <i>Science of the Total Environment</i> , 2019, 692, 1135-1145.	3.9	31
22	Characteristics of atmospheric volatile organic compounds (VOCs) at a mountainous forest site and two urban sites in the southeast of China. <i>Science of the Total Environment</i> , 2019, 657, 1491-1500.	3.9	30
23	Pharmaceutical residues in tidal surface sediments of three rivers in southeastern China at detectable and measurable levels. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8391-8403.	2.7	27
24	Impacts of urbanization on surface sediment quality: evidence from polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) contaminations in the Grand Canal of China. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1352-1363.	2.7	26
25	Spatial distribution and historical records of mercury sedimentation in urban lakes under urbanization impacts. <i>Science of the Total Environment</i> , 2013, 445-446, 117-125.	3.9	24
26	Pharmaceutical compounds in aquatic environment in China: locally screening and environmental risk assessment. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 394-401.	3.3	24
27	Source apportionment of PM _{2.5} and sulfate formation during the COVID-19 lockdown in a coastal city of southeast China. <i>Environmental Pollution</i> , 2021, 286, 117577.	3.7	24
28	A New Film-Based Passive Sampler for Moderately Hydrophobic Organic Compounds. <i>Environmental Science & Technology</i> , 2016, 50, 13470-13476.	4.6	23
29	Characteristics of peroxyacetyl nitrate (PAN) in a coastal city of southeastern China: Photochemical mechanism and pollution process. <i>Science of the Total Environment</i> , 2020, 719, 137493.	3.9	23
30	Seasonal characteristics and health risks of PM _{2.5} -bound organic pollutants in industrial and urban areas of a China megacity. <i>Journal of Environmental Management</i> , 2019, 245, 273-281.	3.8	20
31	Abundance and composition of denitrifiers in response to <i>Spartina alterniflora</i> invasion in estuarine sediment. <i>Canadian Journal of Microbiology</i> , 2013, 59, 825-836.	0.8	19
32	Exploration of the atmospheric chemistry of nitrous acid in a coastal city of southeastern China: results from measurements across four seasons. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 371-393.	1.9	18
33	Characteristics and source apportionment of PM _{2.5} on an island in Southeast China: Impact of sea-salt and monsoon. <i>Atmospheric Research</i> , 2020, 235, 104786.	1.8	17
34	Characteristics of Water-Soluble Inorganic Components and Acidity of PM _{2.5} in a Coastal City of China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2152-2164.	0.9	17
35	Pollution Characteristics and Source Apportionment of PM _{2.5} -Bound n-Alkanes in the Yangtze River Delta, China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1985-1998.	0.9	17
36	The characteristics of air pollution induced by the quasi-stationary front: Formation processes and influencing factors. <i>Science of the Total Environment</i> , 2020, 707, 136194.	3.9	16

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37	Characteristics of PM _{2.5} -bound secondary organic aerosol tracers in a coastal city in Southeastern China: Seasonal patterns and pollution identification. <i>Atmospheric Environment</i> , 2020, 237, 117710.	1.9	16
38	Characteristics and sources of mercury in precipitation collected at the urban, suburban and rural sites in a city of Southeast China. <i>Atmospheric Research</i> , 2018, 211, 21-29.	1.8	15
39	Characteristics and Source Apportionment of Volatile Organic Compounds for Different Functional Zones in a Coastal City of Southeast China. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2840-2852.	0.9	13
40	Measurement report: Effects of anthropogenic emissions and environmental factors on the formation of biogenic secondary organic aerosol (BSOA) in a coastal city of southeastern China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7827-7841.	1.9	13
41	Effects of urbanization on gaseous and particulate polycyclic aromatic hydrocarbons and polychlorinated biphenyls in a coastal city, China: levels, sources, and health risks. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14919-14931.	2.7	12
42	Aerosol light absorption in a coastal city in Southeast China: Temporal variations and implications for brown carbon. <i>Journal of Environmental Sciences</i> , 2019, 80, 257-266.	3.2	12
43	Gas-particle partitioning of atmospheric reactive mercury and its contribution to particle bound mercury in a coastal city of the Yangtze River Delta, China. <i>Atmospheric Environment</i> , 2020, 239, 117744.	1.9	12
44	The cytotoxicity and genotoxicity of PM _{2.5} during a snowfall event in different functional areas of a megacity. <i>Science of the Total Environment</i> , 2020, 741, 140267.	3.9	12
45	Seasonal characteristics of atmospheric peroxyacetyl nitrate (PAN) in a coastal city of Southeast China: Explanatory factors and photochemical effects. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4339-4353.	1.9	12
46	Chemical characterization and source apportionment of atmospheric submicron particles on the western coast of Taiwan Strait, China. <i>Journal of Environmental Sciences</i> , 2017, 52, 293-304.	3.2	11
47	Impact of control measures and typhoon weather on characteristics and formation of PM _{2.5} during the 2016 G20 summit in China. <i>Atmospheric Environment</i> , 2020, 224, 117312.	1.9	11
48	Characteristics and Formation Mechanism of Surface Ozone in a Coastal Island of Southeast China: Influence of Sea-land Breezes and Regional Transport. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1734-1748.	0.9	9
49	Long-term wet precipitation of PM _{2.5} disturbed the gut microbiome and inhibited the growth of marine medaka <i>Oryzias melastigma</i> . <i>Science of the Total Environment</i> , 2021, 755, 142512.	3.9	8
50	Particle number size distribution and new particle formation in Xiamen, the coastal city of Southeast China in wintertime. <i>Science of the Total Environment</i> , 2022, 826, 154208.	3.9	8
51	Chemical composition, structural properties, and source apportionment of organic macromolecules in atmospheric PM ₁₀ in a coastal city of Southeast China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5877-5887.	2.7	7
52	Chemical composition and sources of submicron aerosol in a coastal city of China: Results from the 2017 BRICS summit study. <i>Science of the Total Environment</i> , 2020, 741, 140470.	3.9	7
53	Effect of catalytic de-NO _x device on the emission characteristics of polycyclic aromatic hydrocarbon in flue gas. <i>Journal of Fuel Chemistry and Technology</i> , 2007, 35, 722-726.	0.9	6
54	Spatiotemporal distribution and source apportionment of low molecular weight organic acids in wet precipitation at a coastal city, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8399-8410.	2.7	5

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55	Composition, mixing state, and size distribution of single submicron particles during pollution episodes in a coastal city in southeast China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1464-1473.	2.7	5
56	Seasonal and areal variability in PM _{2.5} poses differential degranulation and pro-inflammatory effects on RBL-2H3 cells. <i>Chemosphere</i> , 2021, 279, 130919.	4.2	5
57	Chemical composition of NR-PM ₁ in a coastal city of Southeast China: Temporal variations and formation pathways. <i>Atmospheric Environment</i> , 2022, 285, 119243.	1.9	2