

# Li-Hao Young

## List of Publications by Year in descending order

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51  
papers

1,453  
citations

304743

22  
h-index

345221

36  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the impacts of PM <sub>2.5</sub> constituents and relative humidity on visibility impairment in a suburban area of eastern Asia using long-term in-situ measurements. <i>Science of the Total Environment</i> , 2022, 818, 151759.	8.0	17
2	Elevated emissions of volatile and nonvolatile nanoparticles from heavy-duty diesel engine running on diesel-gas co-fuels. <i>Science of the Total Environment</i> , 2022, 821, 153459.	8.0	2
3	An Integrated Approach to Characterize Temporal and Spatial Variations in PM <sub>2.5</sub> Concentrations at the Ground Level and Its Implication on Health Impact Assessments. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	0
4	Development of land-use regression models to estimate particle mass and number concentrations in Taichung, Taiwan. <i>Atmospheric Environment</i> , 2021, 252, 118303.	4.1	8
5	Chemically and temporally resolved oxidative potential of urban fine particulate matter. <i>Environmental Pollution</i> , 2021, 291, 118206.	7.5	10
6	Occupational noise exposure and its association with incident hyperglycaemia: a retrospective cohort study. <i>Scientific Reports</i> , 2020, 10, 8584.	3.3	8
7	Source and health risk apportionment for PM <sub>2.5</sub> collected in Sha-Lu area, Taiwan. <i>Atmospheric Pollution Research</i> , 2020, 11, 851-858.	3.8	35
8	Air Quality Index, Indicatory Air Pollutants and Impact of COVID-19 Event on the Air Quality near Central China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1204-1221.	2.1	80
9	Impact of the COVID-19 Event on Air Quality in Central China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 915-929.	2.1	163
10	COVID-19: An Aerosol's Point of View from Expiration to Transmission to Viral-mechanism. <i>Aerosol and Air Quality Research</i> , 2020, , 905-910.	2.1	30
11	VOCs emission characteristics in motorcycle exhaust with different emission control devices. <i>Atmospheric Pollution Research</i> , 2019, 10, 1498-1506.	3.8	18
12	Emission of Carbonyl Compounds from Cooking Oil Fumes in the Night Market Areas. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1566-1578.	2.1	9
13	Mass-size distribution and concentration of metals from personal exposure to arc welding fume in pipeline construction: a case report. <i>Industrial Health</i> , 2018, 56, 356-363.	1.0	8
14	Effects of temperature, pressure, and carrier gases on the performance of an aerosol particle mass analyser. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 4617-4626.	3.1	3
15	An instantaneous spatiotemporal model for predicting traffic-related ultrafine particle concentration through mobile noise measurements. <i>Science of the Total Environment</i> , 2018, 636, 1139-1148.	8.0	13
16	Impact of high soot-loaded and regenerated diesel particulate filters on the emissions of persistent organic pollutants from a diesel engine fueled with waste cooking oil-based biodiesel. <i>Applied Energy</i> , 2017, 191, 35-43.	10.1	39
17	PM <sub>2.5</sub> components and outpatient visits for asthma: A time-stratified case-crossover study in a suburban area. <i>Environmental Pollution</i> , 2017, 231, 1085-1092.	7.5	36
18	Characteristics, Sources, and Health Risks of Atmospheric PM <sub>2.5</sub> -Bound Polycyclic Aromatic Hydrocarbons in Hsinchu, Taiwan. <i>Aerosol and Air Quality Research</i> , 2017, 17, 563-573.	2.1	32

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19	Occupational Noise Frequencies and the Incidence of Hypertension in a Retrospective Cohort Study. <i>American Journal of Epidemiology</i> , 2016, 184, 120-128.	3.4	29
20	Field performance of a semi-continuous monitor for ambient PM <sub>2.5</sub> water-soluble inorganic ions and gases at a suburban site. <i>Atmospheric Environment</i> , 2016, 144, 376-388.	4.1	54
21	Aqueous film formation on irregularly shaped inorganic nanoparticles before deliquescence, as revealed by a hygroscopic differential mobility analyzer's Aerosol particle mass system. <i>Aerosol Science and Technology</i> , 2016, 50, 568-577.	3.1	19
22	Carbonaceous composition changes of heavy-duty diesel engine particles in relation to biodiesels, aftertreatments and engine loads. <i>Journal of Hazardous Materials</i> , 2015, 297, 234-240.	12.4	30
23	Ambient air concentrations of PCDD/Fs, coplanar PCBs, PBDD/Fs, and PBDEs and their impacts on vegetation and soil. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 2997-3008.	3.5	19
24	Environmental Health Risk Perception of a Nationwide Sample of Taiwan College Students Majoring in Engineering and Health Sciences. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 307-326.	3.4	7
25	Atmospheric dry plus wet deposition and wet-only deposition of dicarboxylic acids and inorganic compounds in a coastal suburban environment. <i>Atmospheric Environment</i> , 2014, 89, 696-706.	4.1	9
26	Effects of waste cooking oil-based biodiesel on the toxic organic pollutant emissions from a diesel engine. <i>Applied Energy</i> , 2014, 113, 631-638.	10.1	63
27	Reducing Emissions of Persistent Organic Pollutants from a Diesel Engine by Fueling with Water-Containing Butanol Diesel Blends. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6010-6018.	10.0	32
28	Effect of the Quartz Particle Size on XRD Quantifications and Its Implications for Field Collected Samples. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1573-1583.	2.1	2
29	Nanoparticle Exposures in Occupational Environments. , 2014, , 49-72.		1
30	Atmospheric observations of new particle growth and shrinkage. , 2013, , .		2
31	New particle growth and shrinkage observed in subtropical environments. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 547-564.	4.9	57
32	Fine Particle, Ozone Exposure, and Asthma/Wheezing: Effect Modification by Glutathione S-transferase P1 Polymorphisms. <i>PLoS ONE</i> , 2013, 8, e52715.	2.5	22
33	Field Application of a Newly Developed Personal Nanoparticle Sampler to Selected Metalworking Operations. <i>Aerosol and Air Quality Research</i> , 2013, 13, 849-861.	2.1	10
34	A pilot study for determining the optimal operation condition for simultaneously controlling the emissions of PCDD/Fs and PAHs from the iron ore sintering process. <i>Chemosphere</i> , 2012, 88, 1324-1331.	8.2	7
35	Noise frequency components and the prevalence of hypertension in workers. <i>Science of the Total Environment</i> , 2012, 416, 89-96.	8.0	43
36	Spatiotemporal variability of submicrometer particle number size distributions in an air quality management district. <i>Science of the Total Environment</i> , 2012, 425, 135-145.	8.0	21

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37	Effects of biodiesel, engine load and diesel particulate filter on nonvolatile particle number size distributions in heavy-duty diesel engine exhaust. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 282-289.	12.4	61
38	Assessing Long-Term Oil Mist Exposures for Workers in a Fastener Manufacturing Industry Using the Bayesian Decision Analysis Technique. <i>Aerosol and Air Quality Research</i> , 2012, 12, 834-842.	2.1	11
39	The Influences of Diesel Particulate Filter Installation on Air Pollutant Emissions for Used Vehicles. <i>Aerosol and Air Quality Research</i> , 2011, 11, 578-583.	2.1	11
40	Correlation of aerosol nucleation rate with sulfuric acid and ammonia in Kent, Ohio: An atmospheric observation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	60
41	Source-to-receptor pathways of anthropogenic PM <sub>2.5</sub> in Detroit, Michigan: Comparison of two inhalation exposure studies. <i>Atmospheric Environment</i> , 2009, 43, 1805-1813.	4.1	6
42	Observations of nighttime new particle formation in the troposphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
43	Laboratory-measured nucleation rates of sulfuric acid and water binary homogeneous nucleation from the SO <sub>2</sub> + OH reaction. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	71
44	Laboratory studies of H <sub>2</sub> O/SO <sub>2</sub> /H <sub>2</sub> O <sub>2</sub> binary homogeneous nucleation from the SO <sub>2</sub> +OH reaction: evaluation of the experimental setup and preliminary results. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4997-5016.	4.9	95
45	Enhanced new particle formation observed in the northern midlatitude tropopause region. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	43
46	Summertime Ultrafine Particles in Urban and Industrial Air: Aitken and Nucleation Mode Particle Events. <i>Aerosol and Air Quality Research</i> , 2007, 7, 379-402.	2.1	13
47	Characterization of complex mixtures in urban atmospheres for inhalation exposure studies. <i>Experimental and Toxicologic Pathology</i> , 2005, 57, 19-29.	2.1	24
48	Characterization of Ultrafine Particle Number Concentration and Size Distribution During a Summer Campaign in Southwest Detroit. <i>Journal of the Air and Waste Management Association</i> , 2004, 54, 1079-1090.	1.9	33
49	Characterization of n-alkanes in PM <sub>2.5</sub> of the Taipei aerosol. <i>Atmospheric Environment</i> , 2002, 36, 477-482.	4.1	29
50	Spatial variations of ground level ozone concentrations in areas of different scales. <i>Atmospheric Environment</i> , 2001, 35, 5799-5807.	4.1	11
51	Gaseous and particulate n-alkanes in the Taipei aerosol. <i>Journal of Aerosol Science</i> , 1997, 28, S133-S134.	3.8	1