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List of Publications by Citations

333 papers	22,691 citations	90 h-index	137 g-index
353 ext. papers	25,450 ext. citations	7.8 avg, IF	7.13 L-index

#	Paper	IF	Citations
333	Efficient synthesis of polymeric g-C3N4 layered materials as novel efficient visible light driven photocatalysts. *Journal of Materials Chemistry*, **2011**, 21, 15171		825
332	Characteristics of carbonaceous aerosol in Pearl River Delta Region, China during 2001 winter period. *Atmospheric Environment*, **2003**, 37, 1451-1460	5.3	494
331	Particle-associated polycyclic aromatic hydrocarbons in urban air of Hong Kong. *Atmospheric Environment*, **2003**, 37, 5307-5317	5.3	463
330	Efficient photocatalytic removal of NO in indoor air with hierarchical bismuth oxybromide nanoplate microspheres under visible light. *Environmental Science & Technology*, **2009**, 43, 4143-50	10.3	396
329	Spatial and seasonal distributions of carbonaceous aerosols over China. *Journal of Geophysical Research*, **2007**, 112,		363
328	Immobilization of polymeric g-C3N4 on structured ceramic foam for efficient visible light photocatalytic air purification with real indoor illumination. *Environmental Science & Technology*, **2014**, 48, 10345-53	10.3	355
327	Synthesis of hierarchical nanoporous F-doped TiO2 spheres with visible light photocatalytic activity. *Chemical Communications*, **2006**, 1115-7	5.8	343
326	Risk assessment of exposure to volatile organic compounds in different indoor environments. *Environmental Research*, **2004**, 94, 57-66	7.9	333
325	Spatial and seasonal variations of atmospheric organic carbon and elemental carbon in Pearl River Delta Region, China. *Atmospheric Environment*, **2004**, 38, 4447-4456	5.3	332
324	Room temperature synthesis and highly enhanced visible light photocatalytic activity of porous BiOI/BiOCl composites nanoplates microflowers. *Journal of Hazardous Materials*, **2012**, 219-220, 26-34	12.8	296
323	Winter and summer PM2.5 chemical compositions in fourteen Chinese cities. *Journal of the Air and Waste Management Association*, **2012**, 62, 1214-26	2.4	290
322	Characterization of chemical species in PM2.5 and PM10 aerosols in Hong Kong. *Atmospheric Environment*, **2003**, 37, 31-39	5.3	286
321	Effect of carbon doping on the mesoporous structure of nanocrystalline titanium dioxide and its solar-light-driven photocatalytic degradation of NOx. *Langmuir*, **2008**, 24, 3510-6	4	269
320	Molecular, seasonal, and spatial distributions of organic aerosols from fourteen Chinese cities. *Environmental Science & Technology*, **2006**, 40, 4619-25	10.3	256
319	Volatile organic compounds (VOCs) in urban atmosphere of Hong Kong. *Chemosphere*, **2002**, 48, 375-82	8.4	228
318	Low-temperature hydrothermal synthesis of S-doped TiO2 with visible light photocatalytic activity. *Journal of Solid State Chemistry*, **2006**, 179, 1171-1176	3.3	224
317	Indoor air purification by photocatalyst TiO2 immobilized on an activated carbon filter installed in an air cleaner. *Chemical Engineering Science*, **2005**, 60, 103-109	4.4	222

316	Comparison of emissions of a direct injection diesel engine operating on biodiesel with emulsified and fumigated methanol. *Fuel*, **2008**, 87, 1870-1879	7.1	216
315	Novel in situ N-doped (BiO)2CO3 hierarchical microspheres self-assembled by nanosheets as efficient and durable visible light driven photocatalyst. *Langmuir*, **2012**, 28, 766-73	4	201
314	Indoor and outdoor air quality investigation at schools in Hong Kong. *Chemosphere*, **2000**, 41, 109-13	8.4	200
313	Interfacial Hydrothermal Synthesis of 2O Core Shell Microspheres with Enhanced Visible-Light-Driven Photocatalytic Activity. *Journal of Physical Chemistry C*, **2009**, 113, 20896-20902	3.8	196
312	Enhancement effect of TiO2 immobilized on activated carbon filter for the photodegradation of pollutants at typical indoor air level. *Applied Catalysis B: Environmental*, **2003**, 44, 191-205	21.8	195
311	Environment-Friendly Carbon Quantum Dots/ZnFeO Photocatalysts: Characterization, Biocompatibility, and Mechanisms for NO Removal. *Environmental Science & Technology*, **2017**, 51, 2924-2933	10.3	194
310	DRIFT Study of the SO2 Effect on Low-Temperature SCR Reaction over Fe Mn/TiO2. *Journal of Physical Chemistry C*, **2010**, 114, 4961-4965	3.8	191
309	Efficient Visible Light Photocatalytic Removal of NO with BiOBr-Graphene Nanocomposites. *Journal of Physical Chemistry C*, **2011**, 115, 25330-25337	3.8	185
308	Investigation of indoor air quality at residential homes in Hong Kong ase study. *Atmospheric Environment*, **2002**, 36, 225-237	5.3	184
307	Ultrasonic Spray Pyrolysis Synthesis of Porous Bi2WO6 Microspheres and Their Visible-Light-Induced Photocatalytic Removal of NO. *Journal of Physical Chemistry C*, **2010**, 114, 6342-6349	3.8	182
306	Photodegradation of volatile organic compounds (VOCs) and NO for indoor air purification using TiO2: promotion versus inhibition effect of NO. *Applied Catalysis B: Environmental*, **2003**, 42, 119-129	21.8	180
305	Seasonal and diurnal variations of volatile organic compounds (VOCs) in the atmosphere of Hong Kong. *Science of the Total Environment*, **2004**, 322, 155-66	10.2	178
304	Fabrication of Bi2O2CO3/g-C3N4 heterojunctions for efficiently photocatalytic NO in air removal: In-situ self-sacrificial synthesis, characterizations and mechanistic study. *Applied Catalysis B: Environmental*, **2016**, 199, 123-133	21.8	174
303	Commuter exposure to particulate matter in public transportation modes in Hong Kong. *Atmospheric Environment*, **2002**, 36, 3363-3373	5.3	173
302	Photodegradation of formaldehyde by photocatalyst TiO2: effects on the presences of NO, SO2 and VOCs. *Applied Catalysis B: Environmental*, **2004**, 54, 41-50	21.8	170
301	Removal of Indoor Volatile Organic Compounds via Photocatalytic Oxidation: A Short Review and Prospect. *Molecules*, **2016**, 21, 56	4.8	168
300	Indoor air quality at restaurants with different styles of cooking in metropolitan Hong Kong. *Science of the Total Environment*, **2001**, 279, 181-93	10.2	166
299	Characterization of PM10 and PM2.5 source profiles for fugitive dust in Hong Kong. *Atmospheric Environment*, **2003**, 37, 1023-1032	5.3	161

298	Inter-comparison of air pollutant concentrations in different indoor environments in Hong Kong. *Atmospheric Environment*, **2002**, 36, 1929-1940	5.3	151
297	Characterization of VOCs, ozone, and PM10 emissions from office equipment in an environmental chamber. *Building and Environment*, **2001**, 36, 837-842	6.5	151
296	Biomolecule-controlled hydrothermal synthesis of C-N-S-tridoped TiO2 nanocrystalline photocatalysts for NO removal under simulated solar light irradiation. *Journal of Hazardous Materials*, **2009**, 169, 77-87	12.8	150
295	Effect of Diesel/methanol compound combustion on Diesel engine combustion and emissions. *Energy Conversion and Management*, **2008**, 49, 1696-1704	10.6	149
294	Characteristics and health impacts of VOCs and carbonyls associated with residential cooking activities in Hong Kong. *Journal of Hazardous Materials*, **2011**, 186, 344-51	12.8	148
293	Steering the interlayer energy barrier and charge flow via bioriented transportation channels in g-C3N4: Enhanced photocatalysis and reaction mechanism. *Journal of Catalysis*, **2017**, 352, 351-360	7.3	147
292	Highly Efficient Performance and Conversion Pathway of Photocatalytic NO Oxidation on SrO-Clusters@Amorphous Carbon Nitride. *Environmental Science & Technology*, **2017**, 51, 10682-10690	10.3	146
291	Characterization of selected volatile organic compounds, polycyclic aromatic hydrocarbons and carbonyl compounds at a roadside monitoring station. *Atmospheric Environment*, **2002**, 36, 57-65	5.3	145
290	Oxygen vacancy engineering of Bi2O3/Bi2O2CO3 heterojunctions: Implications of the interfacial charge transfer, NO adsorption and removal. *Applied Catalysis B: Environmental*, **2018**, 231, 357-367	21.8	143
289	Rose-like monodisperse bismuth subcarbonate hierarchical hollow microspheres: one-pot template-free fabrication and excellent visible light photocatalytic activity and photochemical stability for NO removal in indoor air. *Journal of Hazardous Materials*, **2011**, 195, 346-54	12.8	142
288	Enhanced photocatalytic degradation of VOCs using Ln3+-TiO2 catalysts for indoor air purification. *Chemosphere*, **2005**, 59, 787-800	8.4	137
287	Preparation, characterization and photocatalytic activity of in situ Fe-doped TiO2 thin films. *Thin Solid Films*, **2006**, 496, 273-280	2.2	134
286	Template-free fabrication and growth mechanism of uniform (BiO)2CO3 hierarchical hollow microspheres with outstanding photocatalytic activities under both UV and visible light irradiation. *Journal of Materials Chemistry*, **2011**, 21, 12428		133
285	Combination effect of activated carbon with TiO2 for the photodegradation of binary pollutants at typical indoor air level. *Journal of Photochemistry and Photobiology A: Chemistry*, **2004**, 161, 131-140	4.7	133
284	Urban roadside aromatic hydrocarbons in three cities of the Pearl River Delta, People's Republic of China. *Atmospheric Environment*, **2002**, 36, 5141-5148	5.3	133
283	Synthesis of a Bi2O2CO3/ZnFe2O4 heterojunction with enhanced photocatalytic activity for visible light irradiation-induced NO removal. *Applied Catalysis B: Environmental*, **2018**, 234, 70-78	21.8	132
282	Facile Microwave-Assisted Synthesis and Magnetic and Gas Sensing Properties of Fe3O4 Nanoroses. *Journal of Physical Chemistry C*, **2010**, 114, 6237-6242	3.8	132
281	Multipathway risk assessment on disinfection by-products of drinking water in Hong Kong. *Environmental Research*, **2004**, 94, 47-56	7.9	131

280	Spatial and seasonal variations of PM2.5 mass and species during 2010 in Xi'an, China. *Science of the Total Environment*, **2015**, 508, 477-87	10.2	125
279	Monoclinic ⊞Bi2O3 photocatalyst for efficient removal of gaseous NO and HCHO under visible light irradiation. *Journal of Alloys and Compounds*, **2011**, 509, 2044-2049	5.7	125
278	Unraveling the Mechanisms of Visible Light Photocatalytic NO Purification on Earth-Abundant Insulator-Based Core-Shell Heterojunctions. *Environmental Science & Technology*, **2018**, 52, 1479-1487	10.3	124
277	Carbon vacancy-induced enhancement of the visible light-driven photocatalytic oxidation of NO over g-C 3 N 4 nanosheets. *Applied Surface Science*, **2018**, 430, 380-389	6.7	124
276	Dicarboxylic acids, ketocarboxylic acids and dicarbonyls in the urban roadside area of Hong Kong. *Atmospheric Environment*, **2006**, 40, 3030-3040	5.3	121
275	Polycyclic aromatic hydrocarbons (PAHs) and carbonyl compounds in urban atmosphere of Hong Kong. *Atmospheric Environment*, **2001**, 35, 5949-5960	5.3	121
274	Roles of N-Vacancies over Porous g-CN Microtubes during Photocatalytic NO Removal. *ACS Applied Materials & Interfaces*, **2019**, 11, 10651-10662	9.5	119
273	Characteristics of summertime PM2.5 organic and elemental carbon in four major Chinese cities: Implications of high acidity for water-soluble organic carbon (WSOC). *Atmospheric Environment*, **2011**, 45, 318-325	5.3	117
272	Stable carbon isotopes in aerosols from Chinese cities: Influence of fossil fuels. *Atmospheric Environment*, **2011**, 45, 1359-1363	5.3	117
271	Carbonaceous aerosols in China: top-down constraints on primary sources and estimation of secondary contribution. *Atmospheric Chemistry and Physics*, **2012**, 12, 2725-2746	6.8	117
270	Characterization of ambient volatile organic compounds at a landfill site in Guangzhou, South China. *Chemosphere*, **2003**, 51, 1015-22	8.4	116
269	Emissions of gas- and particle-phase polycyclic aromatic hydrocarbons (PAHs) in the Shing Mun Tunnel, Hong Kong. *Atmospheric Environment*, **2009**, 43, 6343-6351	5.3	115
268	Dicarboxylic acids, ketocarboxylic acids, and dicarbonyls in the urban atmosphere of China. *Journal of Geophysical Research*, **2007**, 112,		114
267	Tailoring the rate-determining step in photocatalysis via localized excess electrons for efficient and safe air cleaning. *Applied Catalysis B: Environmental*, **2018**, 239, 187-195	21.8	113
266	Vehicular emission of volatile organic compounds (VOCs) from a tunnel study in Hong Kong. *Atmospheric Chemistry and Physics*, **2009**, 9, 7491-7504	6.8	113
265	Enhancing ROS generation and suppressing toxic intermediate production in photocatalytic NO oxidation on O/Ba co-functionalized amorphous carbon nitride. *Applied Catalysis B: Environmental*, **2018**, 237, 938-946	21.8	110
264	Visible-Light-Active Plasmonic Ag-SrTiO3 Nanocomposites for the Degradation of NO in Air with High Selectivity. *ACS Applied Materials & Interfaces*, **2016**, 8, 4165-74	9.5	107
263	Chemically-speciated on-road PM(2.5) motor vehicle emission factors in Hong Kong. *Science of the Total Environment*, **2010**, 408, 1621-7	10.2	105

262	Characteristics of emissions of air pollutants from burning of incense in a large environmental chamber. *Atmospheric Environment*, **2004**, 38, 941-951	5.3	105
261	Transformation pathway and toxic intermediates inhibition of photocatalytic NO removal on designed Bi metal@defective Bi2O2SiO3. *Applied Catalysis B: Environmental*, **2019**, 241, 187-195	21.8	105
260	Effect of uneven building layout on air flow and pollutant dispersion in non-uniform street canyons. *Building and Environment*, **2011**, 46, 2657-2665	6.5	104
259	Photocatalyst TiO2 supported on glass fiber for indoor air purification: effect of NO on the photodegradation of CO and NO2. *Journal of Photochemistry and Photobiology A: Chemistry*, **2003**, 156, 171-177	4.7	104
258	Oxidative capacity and radical chemistry in the polluted atmosphere of Hong Kong and Pearl River Delta region: analysis of a severe photochemical smog episode. *Atmospheric Chemistry and Physics*, **2016**, 16, 9891-9903	6.8	103
257	Perovskite LaFeO3-SrTiO3 composite for synergistically enhanced NO removal under visible light excitation. *Applied Catalysis B: Environmental*, **2017**, 204, 346-357	21.8	102
256	Formaldehyde and volatile organic compounds in Hong Kong homes: concentrations and impact factors. *Indoor Air*, **2009**, 19, 206-17	5.4	101
255	Experimental investigation on the performance, gaseous and particulate emissions of a methanol fumigated diesel engine. *Science of the Total Environment*, **2008**, 389, 115-24	10.2	100
254	Characterization of dicarboxylic acids in PM2.5 in Hong Kong. *Atmospheric Environment*, **2004**, 38, 963-970	5.3	98
253	Self-assembly synthesis of boron-doped graphitic carbon nitride hollow tubes for enhanced photocatalytic NOx removal under visible light. *Applied Catalysis B: Environmental*, **2018**, 239, 352-361	21.8	97
252	Source characterization of BTEX in indoor microenvironments in Hong Kong. *Atmospheric Environment*, **2003**, 37, 73-82	5.3	97
251	Protonated g-C3N4/Ti3+ self-doped TiO2 nanocomposite films: Room-temperature preparation, hydrophilicity, and application for photocatalytic NO removal. *Applied Catalysis B: Environmental*, **2019**, 240, 122-131	21.8	97
250	Characterizing ionic species in PM2.5 and PM10 in four Pearl River Delta cities, south China. *Journal of Environmental Sciences*, **2007**, 19, 939-47	6.4	96
249	Characterization of PM2.5 and the major chemical components during a 1-year campaign in rural Guangzhou, Southern China. *Atmospheric Research*, **2016**, 167, 208-215	5.4	95
248	Biocompatible FeOOH-Carbon quantum dots nanocomposites for gaseous NO removal under visible light: Improved charge separation and High selectivity. *Journal of Hazardous Materials*, **2018**, 354, 54-62	12.8	94
247	Seasonal variation of carbonyl compound concentrations in urban area of Hong Kong. *Atmospheric Environment*, **2002**, 36, 1259-1265	5.3	93
246	Seasonal and spatial variability of the OM/OC mass ratios and high regional correlation between oxalic acid and zinc in Chinese urban organic aerosols. *Atmospheric Chemistry and Physics*, **2013**, 13, 4307-4318	6.8	92
245	Volatile organic compounds in roadside microenvironments of metropolitan Hong Kong. *Atmospheric Environment*, **2002**, 36, 2039-2047	5.3	92

244	Aerosol-assisted flow synthesis of B-doped, Ni-doped and B□Ni-codoped TiO2 solid and hollow microspheres for photocatalytic removal of NO. *Applied Catalysis B: Environmental*, **2009**, 89, 398-405	21.8	91
243	Estimation of exhaust emission from ocean-going vessels in Hong Kong. *Science of the Total Environment*, **2012**, 431, 299-306	10.2	89
242	Spatial distribution and seasonal variation of char-EC and soot-EC in the atmosphere over China. *Atmospheric Environment*, **2009**, 43, 6066-6073	5.3	87
241	Characteristics of carbonyls: Concentrations and source strengths for indoor and outdoor residential microenvironments in China. *Atmospheric Environment*, **2007**, 41, 2851-2861	5.3	86
240	Room temperature gas sensing properties of SnO2/multiwall-carbon-nanotube composite nanofibers. *Applied Physics Letters*, **2007**, 91, 133110	3.4	86
239	Characterization of airborne carbonate over a site near Asian dust source regions during spring 2002 and its climatic and environmental significance. *Journal of Geophysical Research*, **2005**, 110,		86
238	Summer and winter variations of dicarboxylic acids, fatty acids and benzoic acid in PM_{2.5} in Pearl Delta River Region, China. *Atmospheric Chemistry and Physics*, **2011**, 11, 2197-2208	6.8	85
237	Mechanism study of the promotional effect of O2 on low-temperature SCR reaction on Fe□Mn/TiO2 by DRIFT. *Chemical Engineering Journal*, **2013**, 225, 52-58	14.7	81
236	Characterizations of volatile organic compounds (VOCs) from vehicular emissions at roadside environment: The first comprehensive study in Northwestern China. *Atmospheric Environment*, **2017**, 161, 1-12	5.3	79
235	PM2.5 and PM10-2.5 chemical composition and source apportionment near a Hong Kong roadway. *Particuology*, **2015**, 18, 96-104	2.8	79
234	On the relationship between ozone and its precursors in the Pearl River Delta: application of an observation-based model (OBM). *Environmental Science and Pollution Research*, **2010**, 17, 547-60	5.1	79
233	Dicarboxylic acids, ketocarboxylic acids, □dicarbonyls, fatty acids, and benzoic acid in urban aerosols collected during the 2006 Campaign of Air Quality Research in Beijing (CAREBeijing-2006). *Journal of Geophysical Research*, **2010**, 115,		77
232	Enhanced visible light photocatalytic activity of novel Pt/C-doped TiO2/PtCl4 three-component nanojunction system for degradation of toluene in air. *Journal of Hazardous Materials*, **2011**, 187, 509-16	12.8	76
231	Source apportionment of PM2.5 in urban area of Hong Kong. *Journal of Hazardous Materials*, **2006**, 138, 73-85	12.8	76
230	Characterization of hydrocarbons, halocarbons and carbonyls in the atmosphere of Hong Kong. *Chemosphere*, **2004**, 57, 1363-72	8.4	76
229	Indoor air quality at nine shopping malls in Hong Kong. *Science of the Total Environment*, **2001**, 273, 27-40	10.2	76
228	Plasmonic Bi/ZnWO4 Microspheres with Improved Photocatalytic Activity on NO Removal under Visible Light. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 6912-6920	8.3	74
227	Efficient Visible Light Photocatalytic Oxidation of NO on Aerosol Flow-Synthesized Nanocrystalline InVO4 Hollow Microspheres. *Journal of Physical Chemistry C*, **2010**, 114, 18594-18600	3.8	74

226	Speciated mercury in size-fractionated particles in Shanghai ambient air. *Atmospheric Environment*, **2009**, 43, 3145-3154	5.3	73
225	Characteristics of emissions of air pollutants from burning of incense in temples, Hong Kong. *Science of the Total Environment*, **2007**, 377, 52-60	10.2	73
224	Indoor/outdoor relationships of organic carbon (OC) and elemental carbon (EC) in PM2.5 in roadside environment of Hong Kong. *Atmospheric Environment*, **2004**, 38, 6327-6335	5.3	73
223	One-pot template-free synthesis, growth mechanism and enhanced photocatalytic activity of monodisperse (BiO)2CO3 hierarchical hollow microspheres self-assembled with single-crystalline nanosheets. *CrystEngComm*, **2012**, 14, 3534	3.3	72
222	Characteristics of emissions of air pollutants from mosquito coils and candles burning in a large environmental chamber. *Atmospheric Environment*, **2006**, 40, 2128-2138	5.3	71
221	Photocatalytic activity of dispersed TiO2 particles deposited on glass fibers. *Journal of Molecular Catalysis A*, **2006**, 246, 206-211		71
220	Indoor air quality investigations at five classrooms. *Indoor Air*, **1999**, 9, 134-8	5.4	69
219	Contribution of ship emissions to the fine particulate in the community near an international port in Hong Kong. *Atmospheric Research*, **2013**, 124, 61-72	5.4	67
218	Characteristics of carbonaceous aerosol in PM2.5: Pearl Delta River Region, China. *Atmospheric Research*, **2012**, 104-105, 227-236	5.4	66
217	Carbon-Centered Free Radicals in Particulate Matter Emissions from Wood and Coal Combustion. *Energy & Fuels*, **2009**, 23, 2523-2526	4.1	66
216	Identification of atmospheric volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs) and carbonyl compounds in Hong Kong. *Science of the Total Environment*, **2002**, 289, 145-58	10.2	66
215	Graphene-induced formation of visible-light-responsive SnO2-Zn2SnO4 Z-scheme photocatalyst with surface vacancy for the enhanced photoreactivity towards NO and acetone oxidation. *Chemical Engineering Journal*, **2018**, 336, 200-210	14.7	65
214	Photocatalytic removal of NO and HCHO over nanocrystalline Zn2SnO4 microcubes for indoor air purification. *Journal of Hazardous Materials*, **2010**, 179, 141-50	12.8	63
213	Carbonaceous aerosols in PM10 and pollution gases in winter in Beijing. *Journal of Environmental Sciences*, **2007**, 19, 564-71	6.4	63
212	Characterization of Roadside Fine Particulate Carbon and its Eight Fractions in Hong Kong. *Aerosol and Air Quality Research*, **2006**, 6, 106-122	4.6	62
211	Carbonaceous characteristics of atmospheric particulate matter in Hong Kong. *Science of the Total Environment*, **2002**, 300, 59-67	10.2	61
210	Rapid decolorization of azo dyes in aqueous solution by an ultrasound-assisted electrocatalytic oxidation process. *Ultrasonics Sonochemistry*, **2010**, 17, 370-5	8.9	55
209	Black carbon measurement in a coastal area of south China. *Journal of Geophysical Research*, **2006**, 111,		55

208	Inhibition effect of SO2 on NOx and VOCs during the photodegradation of synchronous indoor air pollutants at parts per billion (ppb) level by TiO2. *Applied Catalysis B: Environmental*, **2004**, 49, 187-193	21.8	54
207	Chemical composition and bioreactivity of PM2.5 during 2013 haze events in China. *Atmospheric Environment*, **2016**, 126, 162-170	5.3	53
206	Dicarboxylic acids, ketocarboxylic acids, □dicarbonyls, fatty acids and benzoic acid in PM_{2.5} aerosol collected during CAREBeijing-2007: an effect of traffic restriction on air quality. *Atmospheric Chemistry and Physics*, **2015**, 15, 3111-3123	6.8	52
205	Seasonal variations of anhydrosugars in PM2.5 in the Pearl River Delta Region, China. *Tellus, Series B: Chemical and Physical Meteorology*, **2014**, 66, 22577	3.3	52
204	Effect of real-time boundary wind conditions on the air flow and pollutant dispersion in an urban street canyon□arge eddy simulations. *Atmospheric Environment*, **2011**, 45, 3352-3359	5.3	52
203	Ba-vacancy induces semiconductor-like photocatalysis on insulator BaSO4. *Applied Catalysis B: Environmental*, **2019**, 253, 293-299	21.8	51
202	In situ Fabrication of □Bi2O3/(BiO)2CO3 Nanoplate Heterojunctions with Tunable Optical Property and Photocatalytic Activity. *Scientific Reports*, **2016**, 6, 23435	4.9	51
201	Real-world emission factors of fifteen carbonyl compounds measured in a Hong Kong tunnel. *Atmospheric Environment*, **2007**, 41, 1747-1758	5.3	51
200	Indoor air quality investigation on commercial aircraft. *Indoor Air*, **1999**, 9, 180-7	5.4	51
199	Facet Engineered □MnO for Efficient Catalytic Ozonation of Odor CHSH: Oxygen Vacancy-Induced Active Centers and Catalytic Mechanism. *Environmental Science & Technology*, **2020**, 54, 12771-12783	10.3	51
198	Hierarchical porous ZnWO4 microspheres synthesized by ultrasonic spray pyrolysis: Characterization, mechanistic and photocatalytic NO removal studies. *Applied Catalysis A: General*, **2016**, 515, 170-178	5.1	50
197	Unsuitability of using the DNPH-coated solid sorbent cartridge for determination of airborne unsaturated carbonyls. *Atmospheric Environment*, **2011**, 45, 261-265	5.3	49
196	Controllable Synthesis of Core□Shell Bi@Amorphous Bi2O3 Nanospheres with Tunable Optical and Photocatalytic Activity for NO Removal. *Industrial & Engineering Chemistry Research*, **2017**, 56, 10251-10258	3.9	48
195	Characteristics of indoor/outdoor PM2.5 and elemental components in generic urban, roadside and industrial plant areas of Guangzhou City, China. *Journal of Environmental Sciences*, **2007**, 19, 35-43	6.4	46
194	Characterization of volatile organic compounds at a roadside environment in Hong Kong: An investigation of influences after air pollution control strategies. *Atmospheric Environment*, **2015**, 122, 809-818	5.3	45
193	Diurnal and seasonal trends of carbonyl compounds in roadside, urban, and suburban environment of Hong Kong. *Atmospheric Environment*, **2014**, 89, 43-51	5.3	45
192	Characteristics and source apportionment of PM1 emissions at a roadside station. *Journal of Hazardous Materials*, **2011**, 195, 82-91	12.8	45
191	On-road particulate matter (PM2.5) and gaseous emissions in the Shing Mun Tunnel, Hong Kong. *Atmospheric Environment*, **2006**, 40, 4235-4245	5.3	45

190	Atmospheric peroxides in a polluted subtropical environment: seasonal variation, sources and sinks, and importance of heterogeneous processes. *Environmental Science & Technology*, **2014**, 48, 1443-50	10.3	44
189	Sources of secondary organic aerosols in the Pearl River Delta region in fall: Contributions from the aqueous reactive uptake of dicarbonyls. *Atmospheric Environment*, **2013**, 76, 200-207	5.3	44
188	Constructing Z-scheme SnO2/N-doped carbon quantum dots/ZnSn(OH)6 nanohybrids with high redox ability for NOx removal under VIS-NIR light. *Journal of Materials Chemistry A*, **2019**, 7, 15782-15793	13	43
187	Comparison of ionic and carbonaceous compositions of PM2.5 in 2009 and 2012 in Shanghai, China. *Science of the Total Environment*, **2015**, 536, 695-703	10.2	43
186	Characterization of Atmospheric Organic and Elemental Carbon of PM2.5 in a Typical Semi-Arid Area of Northeastern China. *Aerosol and Air Quality Research*, **2012**, 12, 792-802	4.6	43
185	Seasonal and diurnal variations of mono- and di-carbonyls in Xi'an, China. *Atmospheric Research*, **2012**, 113, 102-112	5.4	42
184	Ultrasonic Spray Pyrolysis Fabrication of Solid and Hollow PbWO4 Spheres with Structure-Directed Photocatalytic Activity. *Journal of Physical Chemistry C*, **2011**, 115, 241-247	3.8	42
183	Indoor and outdoor air quality investigation at 14 public places in Hong Kong. *Environment International*, **1999**, 25, 443-450	12.9	42
182	In situ g-C3N4 self-sacrificial synthesis of a g-C3N4/LaCO3OH heterostructure with strong interfacial charge transfer and separation for photocatalytic NO removal. *Journal of Materials Chemistry A*, **2018**, 6, 972-981	13	42
181	Anthropogenic and biogenic organic compounds in summertime fine aerosols (PM2.5) in Beijing, China. *Atmospheric Environment*, **2016**, 124, 166-175	5.3	41
180	Gaseous and particulate polycyclic aromatic hydrocarbons (PAHs) emissions from commercial restaurants in Hong Kong. *Journal of Environmental Monitoring*, **2007**, 9, 1402-9		41
179	High loadings and source strengths of organic aerosols in China. *Geophysical Research Letters*, **2006**, 33,	4.9	41
178	Indoor air quality investigation at air-conditioned and non-air-conditioned markets in Hong Kong. *Science of the Total Environment*, **2004**, 323, 87-98	10.2	41
177	Seasonal behavior of carbonyls and source characterization of formaldehyde (HCHO) in ambient air. *Atmospheric Environment*, **2017**, 152, 51-60	5.3	40
176	Personal exposure to fine particles (PM) and respiratory inflammation of common residents in Hong Kong. *Environmental Research*, **2018**, 164, 24-31	7.9	40
175	Emissions Characteristics of a Diesel Engine Fueled with Biodiesel and Fumigation Methanol. *Energy & Fuels*, **2008**, 22, 906-914	4.1	40
174	Seasonal and diurnal variations of PM1.0, PM2.5 and PM10 in the roadside environment of hong kong. *Particuology: Science and Technology of Particles*, **2006**, 4, 312-315		40
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