

# Jun He

## List of Publications by Year in descending order

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151  
papers

4,872  
citations

76326

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123424

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160  
all docs

160  
docs citations

160  
times ranked

5166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Deep Feature Learning for Human Activity Recognition Using Wearable Sensors. IEEE Transactions on Industrial Electronics, 2023, 70, 2106-2116.	7.9	60
2	Effects of aggregate packing optimization and cement paste volume on the properties of natural and recycled aggregate concrete. Structural Concrete, 2022, 23, 2260-2273.	3.1	4
3	Potency of the pandemic on air quality: An urban resilience perspective. Science of the Total Environment, 2022, 805, 150248.	8.0	15
4	Study of the effect of ceria on the activity and selectivity of Co and Ce co-doped birnessite manganese oxide for formaldehyde oxidation. Journal of Hazardous Materials, 2022, 424, 127583.	12.4	25
5	Photo-generated hydroxyl radicals contribute to the formation of halogen radicals leading to ozone depletion on and within polar stratospheric clouds surface. Chemosphere, 2022, 291, 132816.	8.2	6
6	Deep Convolutional Networks With Tunable Speed—Accuracy Tradeoff for Human Activity Recognition Using Wearables. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	11
7	A critical review on microbial degradation of petroleum-based plastics: quantitatively effects of chemical addition in cultivation media on biodegradation efficiency. Biodegradation, 2022, 33, 1-16.	3.0	6
8	Environmental effects of China's coal ban policy: Results from in situ observations and model analysis in a typical rural area of the Beijing-Tianjin-Hebei region, China. Atmospheric Research, 2022, 268, 106015.	4.1	10
9	Real-Time Human Activity Recognition Using Conditionally Parametrized Convolutions on Mobile and Wearable Devices. IEEE Sensors Journal, 2022, 22, 5889-5901.	4.7	39
10	Significant contribution of secondary particulate matter to recurrent air pollution: Evidence from in situ observation in the most polluted city of Fen-Wei Plain of China. Journal of Environmental Sciences, 2022, 114, 422-433.	6.1	5
11	Mechanistic study on photochemical generation of $\text{HO}_2$ radicals in coastal atmospheric aqueous aerosol. Science of the Total Environment, 2022, 825, 154080.	8.0	3
12	Human activity recognition using wearable sensors by heterogeneous convolutional neural networks. Expert Systems With Applications, 2022, 198, 116764.	7.6	45
13	Significant reduction in atmospheric organic and elemental carbon in PM <sub>2.5</sub> in 2+26 cities in northern China. Environmental Research, 2022, 211, 113055.	7.5	14
14	Promotional effects of calcination temperature and H <sub>2</sub> O on the catalytic activity of Al-substituted MnAlO catalysts for low-temperature acetone oxidation. Chemosphere, 2022, 301, 134722.	8.2	8
15	Estimate of hydrochlorofluorocarbon emissions during 2011–2018 in the Yangtze River Delta, China. Environmental Pollution, 2022, 307, 119517.	7.5	2
16	A Review of Microplastic Pollution Characteristics in Global Urban Freshwater Catchments. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2022, , 28-48.	0.1	0
17	Clean Process to Utilize the Potassium-Containing Phosphorous Rock with Simultaneous HCl and KCl Production via the Steam-Mediated Reactions. ACS Omega, 2022, 7, 24561-24573.	3.5	1
18	Properties and microstructure of packing-optimised recycled aggregate concrete with different cement paste or sand contents. Construction and Building Materials, 2022, 344, 128178.	7.2	3

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19	A critical review of microplastic pollution in urban freshwater environments and legislative progress in China: Recommendations and insights. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2637-2680.	12.8	34
20	Optimization of dark fermentation for biohydrogen production using a hybrid artificial neural network (<scp>ANN</scp>) and response surface methodology (<scp>RSM</scp>) approach. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, .	2.3	36
21	A modeling study of PM2.5 transboundary transport during a winter severe haze episode in southern Yangtze River Delta, China. <i>Atmospheric Research</i> , 2021, 248, 105159.	4.1	15
22	In situ continuous hourly observations of wintertime nitrate, sulfate and ammonium in a megacity in the North China plain from 2014 to 2019: Temporal variation, chemical formation and regional transport. <i>Chemosphere</i> , 2021, 262, 127745.	8.2	17
23	Generalized models to predict the lower heating value (LHV) of municipal solid waste (MSW). <i>Energy</i> , 2021, 216, 119279.	8.8	33
24	Layer-Wise Training Convolutional Neural Networks With Smaller Filters for Human Activity Recognition Using Wearable Sensors. <i>IEEE Sensors Journal</i> , 2021, 21, 581-592.	4.7	81
25	Extraction and numerical simulation of gas-water flow in low permeability coal reservoirs based on a pore network model. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 1945-1957.	2.3	5
26	Shallow Convolutional Neural Networks for Human Activity Recognition Using Wearable Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	4.7	45
27	The Convolutional Neural Networks Training With Channel-Selectivity for Human Activity Recognition Based on Sensors. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3834-3843.	6.3	23
28	Deep Neural Networks for Sensor-Based Human Activity Recognition Using Selective Kernel Convolution. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13.	4.7	43
29	Semi-supervised face aging and rejuvenating. <i>Journal of Electronic Imaging</i> , 2021, 30, .	0.9	1
30	Preparation of Catalyst from Phosphorous Rock Using an Improved Wet Process for Transesterification Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 8094-8107.	3.7	12
31	Characteristics, sources, and health risks of PM2.5-bound trace elements in representative areas of Northern Zhejiang Province, China. <i>Chemosphere</i> , 2021, 272, 129632.	8.2	32
32	Hydrogen Production by Fluidized Bed Reactors: A Quantitative Perspective Using the Supervised Machine Learning Approach. <i>J</i> , 2021, 4, 266-287.	0.9	3
33	An investigation into the impact of variations of ambient air pollution and meteorological factors on lung cancer mortality in Yangtze River Delta. <i>Science of the Total Environment</i> , 2021, 779, 146427.	8.0	28
34	Modeling biohydrogen production using different data driven approaches. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 29822-29833.	7.1	22
35	Block-Wise Training Residual Networks on Multi-Channel Time Series for Human Activity Recognition. <i>IEEE Sensors Journal</i> , 2021, 21, 18063-18074.	4.7	11
36	Synthesis of dominant plastic microfibre prevalence and pollution control feasibility in Chinese freshwater environments. <i>Science of the Total Environment</i> , 2021, 783, 146863.	8.0	23

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37	Characteristics and source attribution of PM <sub>2.5</sub> during 2016 G20 Summit in Hangzhou: Efficacy of radical measures to reduce source emissions. <i>Journal of Environmental Sciences</i> , 2021, 106, 47-65.	6.1	16
38	Sequential Weakly Labeled Multiactivity Localization and Recognition on Wearable Sensors Using Recurrent Attention Networks. <i>IEEE Transactions on Human-Machine Systems</i> , 2021, 51, 355-364.	3.5	28
39	Current progress on catalytic oxidation of toluene: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62030-62060.	5.3	38
40	A review on analysis methods, source identification, and cancer risk evaluation of atmospheric polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2021, 789, 147741.	8.0	83
41	Microplastic pollution in Chinese urban rivers: The influence of urban factors. <i>Resources, Conservation and Recycling</i> , 2021, 173, 105686.	10.8	60
42	Global intercomparison of polyurethane foam passive air samplers evaluating sources of variability in SVOC measurements. <i>Environmental Science and Policy</i> , 2021, 125, 1-9.	4.9	15
43	DanHAR: Dual Attention Network for multimodal human activity recognition using wearable sensors. <i>Applied Soft Computing Journal</i> , 2021, 111, 107728.	7.2	78
44	Comprehensive kinetic model for acetylene pretreated mesoporous silica supported bimetallic Co-Ni catalyst during Fischer-Tropsch synthesis. <i>Chemical Engineering Science</i> , 2021, 246, 116828.	3.8	9
45	Characteristics, emission sources and health risk assessment of trace elements in size-segregated aerosols during haze and non-haze periods at Ningbo, China. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2945-2963.	3.4	11
46	Kinetic Study of Product Distribution Using Various Data-Driven and Statistical Models for Fischer-Tropsch Synthesis. <i>ACS Omega</i> , 2021, 6, 27183-27199.	3.5	3
47	Characteristics, sources and health risk assessment of PM <sub>2.5</sub> in China's coal and coking heartland: Insights gained from the regional observations during the heating season. <i>Atmospheric Pollution Research</i> , 2021, 12, 101237.	3.8	10
48	Atomic Co <sup>N<sub>4</sub></sup> and Co nanoparticles confined in COF@ZIF-67 derived core-shell carbon frameworks: bifunctional non-precious metal catalysts toward the ORR and HER. <i>Journal of Materials Chemistry A</i> , 2021, 10, 228-233.	10.3	61
49	Future improvements on performance of an EU landfill directive driven municipal solid waste management for a city in England. <i>Waste Management</i> , 2020, 102, 452-463.	7.4	50
50	Effectively controlling hazardous airborne elements: Insights from continuous hourly observations during the seasons with the most unfavorable meteorological conditions after the implementation of the APPCAP. <i>Journal of Hazardous Materials</i> , 2020, 387, 121710.	12.4	16
51	Life cycle assessment of municipal solid waste management in Nottingham, England: Past and future perspectives. <i>Journal of Cleaner Production</i> , 2020, 251, 119636.	9.3	43
52	Experimental and CFD study of H <sub>2</sub> S oxidation by activated carbon prepared from cotton pulp black liquor. <i>Chemical Engineering Research and Design</i> , 2020, 134, 131-139.	5.6	6
53	In situ continuous observation of hourly elements in PM <sub>2.5</sub> in urban Beijing, China: Occurrence levels, temporal variation, potential source regions and health risks. <i>Atmospheric Environment</i> , 2020, 222, 117164.	4.1	30
54	Occurrence, speciation analysis and health risk assessment of arsenic in Chinese mitten crabs ( <i>Eriocheir sinensis</i> ) collected from China. <i>Journal of Food Composition and Analysis</i> , 2020, 94, 103647.	3.9	10

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55	Enhanced photodegradation of applied dithianon fungicides on plant leaves by dissolved substances in atmosphere under simulated sunlight. <i>Chemosphere</i> , 2020, 254, 126807.	8.2	4
56	Low-temperature formaldehyde oxidation over manganese oxide catalysts: Potassium mediated lattice oxygen mobility. <i>Molecular Catalysis</i> , 2020, 497, 111204.	2.0	20
57	Opposite Effects of Co and Cu Dopants on the Catalytic Activities of Birnessite MnO <sub>2</sub> Catalyst for Low-Temperature Formaldehyde Oxidation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26320-26331.	3.1	21
58	Preparation of biochar catalyst from black liquor by spray drying and fluidized bed carbonation for biodiesel synthesis. <i>Chemical Engineering Research and Design</i> , 2020, 141, 333-343.	5.6	16
59	The Layer-Wise Training Convolutional Neural Networks Using Local Loss for Sensor-Based Human Activity Recognition. <i>IEEE Sensors Journal</i> , 2020, 20, 7265-7274.	4.7	98
60	Synergetic treatment of dye contaminated wastewater using microparticles functionalized with carbon nanotubes/titanium dioxide nanocomposites. <i>RSC Advances</i> , 2020, 10, 9210-9225.	3.6	20
61	Microfluidic formation of highly monodispersed multiple cored droplets using needle-based system in parallel mode. <i>Electrophoresis</i> , 2020, 41, 891-901.	2.4	17
62	Adversarial Hard Attention Adaptation. <i>Information (Switzerland)</i> , 2020, 11, 224.	2.9	0
63	Conditionally Learn to Pay Attention for Sequential Visual Task. <i>IEEE Access</i> , 2020, 8, 56695-56710.	4.2	0
64	Dehydrogenation Performances of Different Al Source Composite Systems of 2LiBH <sub>4</sub> + M (M = Al, Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.6	11
65	A Review of Biohydrogen Productions from Lignocellulosic Precursor via Dark Fermentation: Perspective on Hydrolysate Composition and Electron-Equivalent Balance. <i>Energies</i> , 2020, 13, 2451.	3.1	18
66	Investigation of the Urban Factors Affecting Microplastic Pollution in Chinese Cities: The Case of Ningbo. <i>Environmental Science and Engineering</i> , 2020, , 325-341.	0.2	0
67	Biofuel Production Using Thermochemical Conversion of Heavy Metal-Contaminated Biomass (HMCB) Harvested from Phytoextraction Process. <i>Chemical Engineering Journal</i> , 2019, 358, 759-785.	12.7	91
68	Decomposition efficiency and aerosol by-products of toluene, ethyl acetate and acetone using dielectric barrier discharge technique. <i>Chemosphere</i> , 2019, 237, 124439.	8.2	27
69	Photolysis of bis(2-ethylhexyl) phthalate in aqueous solutions at the presence of natural water photoreactive constituents under simulated sunlight irradiation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26797-26806.	5.3	13
70	Attention-Based Convolutional Neural Network for Weakly Labeled Human Activities™ Recognition With Wearable Sensors. <i>IEEE Sensors Journal</i> , 2019, 19, 7598-7604.	4.7	125
71	Impact of air pollution control measures and regional transport on carbonaceous aerosols in fine particulate matter in urban Beijing, China: insights gained from long-term measurement. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8569-8590.	4.9	81
72	Characteristics and Sources of Hourly Trace Elements in Airborne Fine Particles in Urban Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11595-11613.	3.3	48

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73	Identifying the Pollution Characteristics of Atmospheric Polycyclic Aromatic Hydrocarbons Associated with Functional Districts in Ningbo, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 34-40.	2.7	10
74	Utilization of CO <sub>2</sub> in renewable DME fuel production: A life cycle analysis (LCA)-based case study in China. <i>Fuel</i> , 2019, 254, 115627.	6.4	27
75	Removal of VOCs from waste gases using various thermal oxidizers: A comparative study based on life cycle assessment and cost analysis in China. <i>Journal of Cleaner Production</i> , 2019, 233, 808-818.	9.3	45
76	Iodine speciation and size distribution in ambient aerosols at a coastal new particle formation hotspot in China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4025-4039.	4.9	51
77	Biomass burning and fungal spores as sources of fine aerosols in Yangtze River Delta, China – Using multiple organic tracers to understand variability, correlations and origins. <i>Environmental Pollution</i> , 2019, 251, 155-165.	7.5	24
78	Assessment of toxicity reduction in ZnS substituted CdS:P3HT bulk heterojunction solar cells fabricated using a single-source precursor deposition. <i>Sustainable Energy and Fuels</i> , 2019, 3, 948-955.	4.9	4
79	A Review of the Enhancement of Bio-Hydrogen Generation by Chemicals Addition. <i>Catalysts</i> , 2019, 9, 353.	3.5	75
80	Long Document Classification From Local Word Glimpses via Recurrent Attention Learning. <i>IEEE Access</i> , 2019, 7, 40707-40718.	4.2	20
81	The carbonaceous aerosol levels still remain a challenge in the Beijing-Tianjin-Hebei region of China: Insights from continuous high temporal resolution measurements in multiple cities. <i>Environment International</i> , 2019, 126, 171-183.	10.0	73
82	Temporal variability of visibility and its parameterizations in Ningbo, China. <i>Journal of Environmental Sciences</i> , 2019, 77, 372-382.	6.1	10
83	Spatiotemporal characteristics of precipitation diurnal variations in Chongqing with complex terrain. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1217-1231.	2.8	13
84	Weakly Supervised Human Activity Recognition From Wearable Sensors by Recurrent Attention Learning. <i>IEEE Sensors Journal</i> , 2019, 19, 2287-2297.	4.7	37
85	Characteristics of Air Pollutants and Greenhouse Gases at a Regional Background Station in Southwestern China. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1007-1023.	2.1	10
86	High Throughput Fabrication of Microdroplets Using Needle Based Microfluidic System. , 2019, , .		1
87	Characterization and source identification of fine particulate matter in urban Beijing during the 2015 Spring Festival. <i>Science of the Total Environment</i> , 2018, 628-629, 430-440.	8.0	62
88	Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses. <i>Chemosphere</i> , 2018, 200, 191-200.	8.2	48
89	Opportunities and challenges in sustainable treatment and resource reuse of sewage sludge: A review. <i>Chemical Engineering Journal</i> , 2018, 337, 616-641.	12.7	510
90	Exfoliation of two-dimensional phosphorene sheets with enhanced photocatalytic activity under simulated sunlight. <i>Materials Letters</i> , 2018, 212, 311-314.	2.6	22

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91	Characteristics of fine particulate matter and its sources in an industrialized coastal city, Ningbo, Yangtze River Delta, China. <i>Atmospheric Research</i> , 2018, 203, 105-117.	4.1	77
92	Correlating ultrasonic impulse and addition of ZnO promoter with CO <sub>2</sub> conversion and methanol selectivity of CuO/ZrO <sub>2</sub> catalysts. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 48-56.	8.2	20
93	Ultrasonic and hydrothermal mediated synthesis routes for functionalized Mg-Al LDH: Comparison study on surface morphology, basic site strength, cyclic sorption efficiency and effectiveness. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 341-352.	8.2	38
94	Landscape Change and the Sustainable Development Strategy of Different Types of Ethnic Villages Driven by the Grain for Green Program. <i>Sustainability</i> , 2018, 10, 3485.	3.2	4
95	Simultaneous measurement of multiple organic tracers in fine aerosols from biomass burning and fungal spores by HPLC-MS/MS. <i>RSC Advances</i> , 2018, 8, 34136-34150.	3.6	6
96	Microfluidic fabrication of porous polydimethylsiloxane microparticles for the treatment of toluene-contaminated water. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	21
97	Synthesis of Polydimethylsiloxane Microspheres Using Microfluidics for Treatment of Toluene in Wastewater. , 2018, , .		1
98	Long Length Document Classification by Local Convolutional Feature Aggregation. <i>Algorithms</i> , 2018, 11, 109.	2.1	15
99	A Comparative Study of Mn/Co Binary Metal Catalysts Supported on Two Commercial Diatomaceous Earths for Oxidation of Benzene. <i>Catalysts</i> , 2018, 8, 111.	3.5	4
100	Characteristics of PM <sub>2.5</sub> mass concentrations and chemical species in urban and background areas of China: emerging results from the CARE-China network. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8849-8871.	4.9	144
101	Fabrication of $\beta$ -cyclodextrin modified mesostructured silica coated multi-walled carbon nanotubes composites and application for paraben removal. <i>Water Science and Technology</i> , 2018, 78, 1001-1009.	2.5	4
102	The Effect of Emission Control on the Submicron Particulate Matter Size Distribution in Hangzhou during the 2016 G20 Summit. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2038-2046.	2.1	12
103	Temporal and spatial variation in major ion chemistry and source identification of secondary inorganic aerosols in Northern Zhejiang Province, China. <i>Chemosphere</i> , 2017, 179, 316-330.	8.2	71
104	Advances on transition metal oxides catalysts for formaldehyde oxidation: A review. <i>Catalysis Reviews - Science and Engineering</i> , 2017, 59, 189-233.	12.9	93
105	Dispersive solid-phase microextraction with graphene oxide based molecularly imprinted polymers for determining bis(2-ethylhexyl) phthalate in environmental water. <i>Journal of Chromatography A</i> , 2017, 1511, 85-91.	3.7	69
106	C1-C2 alkyl aminiums in urban aerosols: Insights from ambient and fuel combustion emission measurements in the Yangtze River Delta region of China. <i>Environmental Pollution</i> , 2017, 230, 12-21.	7.5	29
107	Investigation into the Effect of Atmospheric Particulate Matter (PM <sub>2.5</sub> and PM <sub>10</sub> ) Concentrations on GPS Signals. <i>Sensors</i> , 2017, 17, 508.	3.8	9
108	Vehicle Type Recognition Combining Global and Local Features via Two-Stage Classification. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-14.	1.1	11

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109	Urban Air Pollution and Control. , 2017, , 243-257.		8
110	Changes in grassland chemical soil properties four years after cessation of long-term fertilization with compost and slurry. Journal of Pollution Effects & Control, 2017, 05, .	0.1	0
111	Recent Development of Catalysts for Removal of Volatile Organic Compounds in Flue Gas by Combustion: A Review. Journal of Chemistry, 2016, 2016, 1-15.	1.9	85
112	Characteristics of Atmospheric Compositions in the Background Area of Yangtze River Delta during Heavy Air Pollution Episode. Advances in Meteorology, 2016, 2016, 1-13.	1.6	2
113	Robust K-subspaces recovery with combinatorial initialization. , 2016, , .		3
114	Aerosol composition and sources during high and low pollution periods in Ningbo, China. Atmospheric Research, 2016, 178-179, 559-569.	4.1	43
115	Adaptive stochastic gradient descent on the Grassmannian for robust low-rank subspace recovery. IET Signal Processing, 2016, 10, 1000-1008.	1.5	4
116	Characteristics of atmospheric organic and elemental carbon aerosols in urban Beijing, China. Atmospheric Environment, 2016, 125, 293-306.	4.1	104
117	Recovery of elemental sulphur via selective catalytic reduction of SO <sub>2</sub> over sulphided CoMo/Al <sub>2</sub> O <sub>3</sub> catalysts. Fuel, 2015, 147, 67-75.	6.4	60
118	Comparison of physical and chemical properties of ambient aerosols during the 2009 haze and non-haze periods in Southeast Asia. Environmental Geochemistry and Health, 2015, 37, 831-841.	3.4	40
119	Could wastewater analysis be a useful tool for China? A review. Journal of Environmental Sciences, 2015, 27, 70-79.	6.1	14
120	On improving aggregate recommendation diversity and novelty in folksonomy-based social systems. Personal and Ubiquitous Computing, 2014, 18, 1855-1869.	2.8	20
121	Iterative Grassmannian optimization for robust image alignment. Image and Vision Computing, 2014, 32, 800-813.	4.5	43
122	Extraction of natural estrogens in environmental waters by dispersive multiwalled carbon nanotube-based agitation-assisted adsorption and ultrasound-assisted desorption. Analytical Methods, 2014, 6, 1235-1241.	2.7	13
123	Unsupervised author disambiguation using Dempster-Shafer theory. Scientometrics, 2014, 101, 1955-1972.	3.0	39
124	Estimation of regional background concentration of CO <sub>2</sub> at Lin'an Station in Yangtze River Delta, China. Atmospheric Environment, 2014, 94, 402-408.	4.1	32
125	Assessing the regional impact of Indonesian biomass burning emissions based on organic molecular tracers and chemical mass balance modeling. Atmospheric Chemistry and Physics, 2014, 14, 8043-8054.	4.9	94
126	Comparison of NO <sub>2</sub> and SO <sub>2</sub> Measurements Using Different Passive Samplers in Tropical Environment. Aerosol and Air Quality Research, 2014, 14, 355-363.	2.1	11



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127	Determination of isoprene-derived secondary organic aerosol tracers (2-methyltetrols) by HPAEC-PAD: Results from size-resolved aerosols in a tropical rainforest. <i>Atmospheric Environment</i> , 2013, 70, 468-476.	4.1	44
128	Iterative online subspace learning for robust image alignment. , 2013, , .		2
129	Sparse Signal Recovery from Fixed Low-Rank Subspace via Compressive Measurement. <i>Algorithms</i> , 2013, 6, 871-882.	2.1	2
130	Incremental gradient on the Grassmannian for online foreground and background separation in subsampled video. , 2012, , .		62
131	Passive Sampling of Gaseous Persistent Organic Pollutants in The Atmosphere. <i>Energy Procedia</i> , 2012, 16, 494-500.	1.8	6
132	Dry and wet atmospheric deposition of nitrogen and phosphorus in Singapore. <i>Atmospheric Environment</i> , 2011, 45, 2760-2768.	4.1	81
133	Impact of biomass burning on ocean water quality in Southeast Asia through atmospheric deposition: field observations. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11323-11336.	4.9	48
134	Composition of semi-volatile organic compounds in the urban atmosphere of Singapore: influence of biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11401-11413.	4.9	71
135	The exchange of SVOCs across the air-sea interface in Singapore's coastal environment. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1837-1852.	4.9	9
136	A comparative evaluation of passive and active samplers for measurements of gaseous semi-volatile organic compounds in the tropical atmosphere. <i>Atmospheric Environment</i> , 2010, 44, 884-891.	4.1	53
137	Scientific impact at the topic level: A case study in computational linguistics. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 2274-2287.	2.6	6
138	Semi-volatile organic compounds (SVOCs) in ambient air and rainwater in a tropical environment: Concentrations and temporal and seasonal trends. <i>Chemosphere</i> , 2010, 78, 742-751.	8.2	45
139	Fate and Transfer of Semivolatile Organic Compounds in a Multi-Compartment Environment. <i>Environmental Science and Engineering</i> , 2010, , 277-307.	0.2	4
140	Trace Analysis of Persistent Organic Pollutants in the Air Using Accelerated Solvent Extraction. <i>Environmental Science and Engineering</i> , 2010, , 127-144.	0.2	0
141	Determination of Total Nitrogen in Environmental Samples: Validation by Comparison of Techniques and Intralaboratory Studies. <i>Analytical Letters</i> , 2009, 42, 948-957.	1.8	0
142	Using Diffusion Geometric Coordinates for Hyperspectral Imagery Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2009, 6, 767-771.	3.1	28
143	Inter-laboratory study to improve the quality of the analysis of nutrients in rainwater chemistry. <i>Atmospheric Environment</i> , 2009, 43, 3424-3430.	4.1	5
144	A study of gas/particle partitioning of SVOCs in the tropical atmosphere of Southeast Asia. <i>Atmospheric Environment</i> , 2009, 43, 4375-4383.	4.1	65

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145	Determination of semi-volatile organochlorine compounds in the atmosphere of Singapore using accelerated solvent extraction. <i>Chemosphere</i> , 2009, 75, 640-648.	8.2	30
146	Determination of total nitrogen in atmospheric wet and dry deposition samples. <i>Talanta</i> , 2009, 77, 979-984.	5.5	39
147	Determination of Atmospheric Polycyclic Aromatic Hydrocarbons Using Accelerated Solvent Extraction. <i>Analytical Letters</i> , 2009, 42, 1603-1619.	1.8	18
148	A study of precipitation scavenging of semivolatile organic compounds in a tropical area. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	23
149	Control, Management, and Treatment of Metal Emissions from Motor Vehicles. <i>Advances in Industrial and Hazardous Wastes Treatment Series</i> , 2009, , .	0.0	2
150	Rain-aerosol coupling in the tropical atmosphere of Southeast Asia: distribution and scavenging ratios of major ionic species. <i>Journal of Atmospheric Chemistry</i> , 2008, 60, 205-220.	3.2	32
151	Simultaneous Removal of SO <sub>2</sub> and NO <sub>x</sub> in Flue Gas at Power Stations over a Cu/Na-13X Zeolite Catalyst. <i>Advanced Materials Research</i> , 0, 650, 125-129.	0.3	7