

Che-Jen Lin

List of Publications by Year in descending order

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134
papers

7,011
citations

57719

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69214

77
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160
all docs

160
docs citations

160
times ranked

4380
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemistry of atmospheric mercury: a review. <i>Atmospheric Environment</i> , 1999, 33, 2067-2079.	1.9	527
2	Dynamic Oxidation of Gaseous Mercury in the Arctic Troposphere at Polar Sunrise. <i>Environmental Science & Technology</i> , 2002, 36, 1245-1256.	4.6	526
3	Inorganic fouling of pressure-driven membrane processes – A critical review. <i>Desalination</i> , 2010, 250, 236-248.	4.0	367
4	Temporal Trend and Spatial Distribution of Speciated Atmospheric Mercury Emissions in China During 1978–2014. <i>Environmental Science & Technology</i> , 2016, 50, 13428-13435.	4.6	255
5	Scientific uncertainties in atmospheric mercury models I: Model science evaluation. <i>Atmospheric Environment</i> , 2006, 40, 2911-2928.	1.9	231
6	Observations of atmospheric mercury in China: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9455-9476.	1.9	152
7	Mass-Dependent and -Independent Fractionation of Mercury Isotope during Gas-Phase Oxidation of Elemental Mercury Vapor by Atomic Cl and Br. <i>Environmental Science & Technology</i> , 2016, 50, 9232-9241.	4.6	143
8	Isotopic Composition of Atmospheric Mercury in China: New Evidence for Sources and Transformation Processes in Air and in Vegetation. <i>Environmental Science & Technology</i> , 2016, 50, 9262-9269.	4.6	139
9	Assessment of Global Mercury Deposition through Litterfall. <i>Environmental Science & Technology</i> , 2016, 50, 8548-8557.	4.6	131
10	Mercury transformation and speciation in flue gases from anthropogenic emission sources: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2417-2433.	1.9	114
11	Health risks of heavy metal exposure through vegetable consumption near a large-scale Pb/Zn smelter in central China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 99-110.	2.9	114
12	Aqueous free radical chemistry of mercury in the presence of iron oxides and ambient aerosol. <i>Atmospheric Environment</i> , 1997, 31, 4125-4137.	1.9	111
13	Stable Isotope Evidence Shows Re-emission of Elemental Mercury Vapor Occurring after Reductive Loss from Foliage. <i>Environmental Science & Technology</i> , 2019, 53, 651-660.	4.6	107
14	Using Mercury Isotopes To Understand Mercury Accumulation in the Montane Forest Floor of the Eastern Tibetan Plateau. <i>Environmental Science & Technology</i> , 2017, 51, 801-809.	4.6	102
15	Global observations and modeling of atmosphere–surface exchange of elemental mercury: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4451-4480.	1.9	101
16	Aqueous Photochemistry of Mercury with Organic Acids. <i>Journal of the Air and Waste Management Association</i> , 1998, 48, 144-150.	0.9	100
17	The influence of dynamic chamber design and operating parameters on calculated surface-to-air mercury fluxes. <i>Atmospheric Environment</i> , 2010, 44, 194-203.	1.9	100
18	Licklider Transmission Protocol (LTP)-Based DTN for Cislunar Communications. <i>IEEE/ACM Transactions on Networking</i> , 2011, 19, 359-368.	2.6	94

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19	Model estimate of mercury emission from natural sources in East Asia. <i>Atmospheric Environment</i> , 2008, 42, 8674-8685.	1.9	89
20	Degradation of monomethylmercury chloride by hydroxyl radicals in simulated natural waters. <i>Water Research</i> , 2003, 37, 2496-2504.	5.3	86
21	Assessment of air quality benefits from national air pollution control policies in China. Part II: Evaluation of air quality predictions and air quality benefits assessment. <i>Atmospheric Environment</i> , 2010, 44, 3449-3457.	1.9	82
22	Depletion of atmospheric gaseous elemental mercury by plant uptake at Mt. Changbai, Northeast China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12861-12873.	1.9	82
23	Climate and Vegetation As Primary Drivers for Global Mercury Storage in Surface Soil. <i>Environmental Science & Technology</i> , 2019, 53, 10665-10675.	4.6	81
24	Empirical Models for Estimating Mercury Flux from Soils. <i>Environmental Science & Technology</i> , 2010, 44, 8522-8528.	4.6	79
25	Estimating mercury emission outflow from East Asia using CMAQ-Hg. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1853-1864.	1.9	78
26	Scientific uncertainties in atmospheric mercury models II: Sensitivity analysis in the CONUS domain. <i>Atmospheric Environment</i> , 2007, 41, 6544-6560.	1.9	70
27	Scientific uncertainties in atmospheric mercury models III: Boundary and initial conditions, model grid resolution, and Hg(II) reduction mechanism. <i>Atmospheric Environment</i> , 2008, 42, 1828-1845.	1.9	68
28	A synthesis of terrestrial mercury in the western United States: Spatial distribution defined by land cover and plant productivity. <i>Science of the Total Environment</i> , 2016, 568, 522-535.	3.9	68
29	Accumulation and translocation of ¹⁹⁸ Hg in four crop species. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 334-340.	2.2	65
30	Oxidation of elemental mercury by aqueous chlorine (HOCl/OCl ⁻): Implications for tropospheric mercury chemistry. <i>Journal of Geophysical Research</i> , 1998, 103, 28093-28102.	3.3	64
31	Observation and analysis of speciated atmospheric mercury in Shangri-La, Tibetan Plateau, China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 653-665.	1.9	64
32	Assessment of air quality benefits from national air pollution control policies in China. Part I: Background, emission scenarios and evaluation of meteorological predictions. <i>Atmospheric Environment</i> , 2010, 44, 3442-3448.	1.9	61
33	Emission-dominated gas exchange of elemental mercury vapor over natural surfaces in China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11125-11143.	1.9	60
34	Assessment of modeled mercury dry deposition over the Great Lakes region. <i>Environmental Pollution</i> , 2012, 161, 272-283.	3.7	59
35	Underestimated Sink of Atmospheric Mercury in a Deglaciated Forest Chronosequence. <i>Environmental Science & Technology</i> , 2020, 54, 8083-8093.	4.6	58
36	Aqueous phase reactions of mercury with free radicals and chlorine: Implications for atmospheric mercury chemistry. <i>Chemosphere</i> , 1999, 38, 1253-1263.	4.2	56

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37	Effects of air pollution control measures on air quality improvement in Guangzhou, China. <i>Journal of Environmental Management</i> , 2019, 244, 127-137.	3.8	56
38	Enhanced accumulation and storage of mercury on subtropical evergreen forest floor: Implications on mercury budget in global forest ecosystems. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2096-2109.	1.3	55
39	Significant Seasonal Variations in Isotopic Composition of Atmospheric Total Gaseous Mercury at Forest Sites in China Caused by Vegetation and Mercury Sources. <i>Environmental Science & Technology</i> , 2019, 53, 13748-13756.	4.6	55
40	The Chemical Transformations of Chromium in Natural Waters – A Model Study. <i>Water, Air, and Soil Pollution</i> , 2002, 139, 137-158.	1.1	54
41	Atmospheric wet and litterfall mercury deposition at urban and rural sites in China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11547-11562.	1.9	54
42	Two-phase model of mercury chemistry in the atmosphere. <i>Atmospheric Environment</i> , 1998, 32, 2543-2558.	1.9	51
43	Global warming accelerates uptake of atmospheric mercury in regions experiencing glacier retreat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2049-2055.	3.3	51
44	Novel Dynamic Flux Chamber for Measuring Air–Surface Exchange of Hg ⁰ from Soils. <i>Environmental Science & Technology</i> , 2012, 46, 8910-8920.	4.6	49
45	Re-emission of legacy mercury from soil adjacent to closed point sources of Hg emission. <i>Environmental Pollution</i> , 2018, 242, 718-727.	3.7	49
46	Mercury vapor air–surface exchange measured by collocated micrometeorological and enclosure methods – Part I: Data comparability and method characteristics. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 685-702.	1.9	47
47	Evaluation of health benefit using BenMAP-CE with an integrated scheme of model and monitor data during Guangzhou Asian Games. <i>Journal of Environmental Sciences</i> , 2016, 42, 9-18.	3.2	47
48	Monsoon-facilitated characteristics and transport of atmospheric mercury at a high-altitude background site in southwestern China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13131-13148.	1.9	46
49	Health benefit assessment of PM _{2.5} reduction in Pearl River Delta region of China using a model-monitor data fusion approach. <i>Journal of Environmental Management</i> , 2019, 233, 489-498.	3.8	44
50	Mercury Isotope Signatures of Methylmercury in Rice Samples from the Wanshan Mercury Mining Area, China: Environmental Implications. <i>Environmental Science & Technology</i> , 2017, 51, 12321-12328.	4.6	43
51	Isotopic Composition of Gaseous Elemental Mercury in the Marine Boundary Layer of East China Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7656-7669.	1.2	43
52	Receptor modeling for smoke of 1998 biomass burning in Central America. <i>Journal of Geophysical Research</i> , 2001, 106, 22871-22886.	3.3	41
53	Sensitivity analysis of an updated bidirectional air–surface exchange model for elemental mercury vapor. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6273-6287.	1.9	41
54	Effects of operational parameters on cake formation of CaSO ₄ in nanofiltration. <i>Water Research</i> , 2006, 40, 806-816.	5.3	40

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55	Field Approaches to Measure Hg Exchange Between Natural Surfaces and the Atmosphere—A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 1657-1739.	6.6	38
56	Stable Mercury Isotope Transition during Postdepositional Decomposition of Biomass in a Forest Ecosystem over Five Centuries. <i>Environmental Science & Technology</i> , 2020, 54, 8739-8749.	4.6	38
57	Surface-air mercury fluxes across Western North America: A synthesis of spatial trends and controlling variables. <i>Science of the Total Environment</i> , 2016, 568, 651-665.	3.9	36
58	Development of a processor in BEIS3 for estimating vegetative mercury emission in the continental United States. <i>Atmospheric Environment</i> , 2005, 39, 7529-7540.	1.9	35
59	Study of atmospheric mercury budget in East Asia using STEM-Hg modeling system. <i>Science of the Total Environment</i> , 2010, 408, 3277-3291.	3.9	35
60	Mechanistic Model for CaSO ₄ Fouling on Nanofiltration Membrane. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 1387-1392.	0.7	34
61	Mercury vapor air–surface exchange measured by collocated micrometeorological and enclosure methods – Part II: Bias and uncertainty analysis. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5359-5376.	1.9	34
62	Combined processes of two-stage Fenton-biological anaerobic filter–biological aerated filter for advanced treatment of landfill leachate. <i>Waste Management</i> , 2012, 32, 2401-2405.	3.7	33
63	Investigation of processes controlling summertime gaseous elemental mercury oxidation at midlatitudinal marine, coastal, and inland sites. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8461-8478.	1.9	33
64	A synthesis of research needs for improving the understanding of atmospheric mercury cycling. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9133-9144.	1.9	33
65	Enhancing biodegradation of wastewater by microbial consortia with fractional factorial design. <i>Journal of Hazardous Materials</i> , 2009, 171, 948-953.	6.5	32
66	Response surface modeling-based source contribution analysis and VOC emission control policy assessment in a typical ozone-polluted urban Shunde, China. <i>Journal of Environmental Sciences</i> , 2017, 51, 294-304.	3.2	31
67	Evaluation and optimization of electrocoagulation for treating Kraft paper mill wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103595.	3.3	31
68	Mercury cycling and isotopic fractionation in global forests. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3763-3786.	6.6	31
69	Emission characteristics and air–surface exchange of gaseous mercury at the largest active landfill in Asia. <i>Atmospheric Environment</i> , 2013, 79, 188-197.	1.9	30
70	Correlation slopes of GEM / CO, GEM / CO ₂ , and GEM / CH ₄ and estimated mercury emissions in China, South Asia, the Indochinese Peninsula, and Central Asia derived from observations in northwestern and southwestern China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1013-1028.	1.9	30
71	Multi-model study of mercury dispersion in the atmosphere: vertical and interhemispheric distribution of mercury species. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6925-6955.	1.9	30
72	Effects of Precipitation on Mercury Accumulation on Subtropical Montane Forest Floor: Implications on Climate Forcing. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2019, 124, 959-972.	1.3	30

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73	Source attribution for mercury deposition in the contiguous United States: Regional difference and seasonal variation. <i>Journal of the Air and Waste Management Association</i> , 2012, 62, 52-63.	0.9	28
74	Design and demonstration of a next-generation air quality attainment assessment system for PM _{2.5} and O ₃ . <i>Journal of Environmental Sciences</i> , 2015, 29, 178-188.	3.2	28
75	Assessment of Regional Mercury Deposition and Emission Outflow in Mainland China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9868-9890.	1.2	28
76	Atmospheric mercury near Salmon Falls Creek Reservoir in southern Idaho. <i>Applied Geochemistry</i> , 2008, 23, 438-453.	1.4	27
77	Process factors driving dynamic exchange of elemental mercury vapor over soil in broadleaf forest ecosystems. <i>Atmospheric Environment</i> , 2019, 219, 117047.	1.9	27
78	Spatial distribution and accumulation of Hg in soil surrounding a Zn/Pb smelter. <i>Science of the Total Environment</i> , 2014, 496, 668-677.	3.9	26
79	Effect of operating parameters on permeate flux decline caused by cake formation " a model study. <i>Desalination</i> , 2005, 171, 95-105.	4.0	25
80	Cultivation of Biogranules in a Continuous Flow Reactor at Low Dissolved Oxygen. <i>Water, Air and Soil Pollution</i> , 2009, 9, 213-221.	0.8	25
81	Transboundary transport and deposition of Hg emission from springtime biomass burning in the Indo-China Peninsula. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9758-9771.	1.2	25
82	An improved method for recovering and preconcentrating mercury in natural water samples for stable isotope analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2303-2313.	1.6	25
83	Decreasing mercury levels in consumer fish over the three decades of increasing mercury emissions in China. , 2022, 1, 46-52.		25
84	A whole-air relaxed eddy accumulation measurement system for sampling vertical vapour exchange of elemental mercury. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19940.	0.8	24
85	Seasonal variations in metallic mercury (Hg ⁰) vapor exchange over biannual wheat-corn rotation cropland in the North China Plain. <i>Biogeosciences</i> , 2016, 13, 2029-2049.	1.3	23
86	Biogas production from brown grease using a pilot-scale high-rate anaerobic digester. <i>Renewable Energy</i> , 2014, 68, 304-313.	4.3	22
87	Characteristics and potential sources of atmospheric mercury at a subtropical near-coastal site in East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8563-8574.	1.2	22
88	Modeling of mercury sorption by activated carbon in a confined, a semi-fluidized, and a fluidized bed. <i>Waste Management</i> , 2002, 22, 391-398.	3.7	21
89	Sensitivity analysis of ground-level ozone concentration to emission changes in two urban regions of southeast Texas. <i>Journal of Environmental Management</i> , 2005, 75, 315-323.	3.8	21
90	Mercury pollution in China: implications on the implementation of the Minamata Convention. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 634-648.	1.7	21

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91	Comparison of in vitro digestion methods for determining bioaccessibility of Hg in rice of China. <i>Journal of Environmental Sciences</i> , 2018, 68, 185-193.	3.2	20
92	Fate of mercury in two CFB utility boilers with different fueled coals and air pollution control devices. <i>Fuel</i> , 2019, 251, 651-659.	3.4	20
93	Quantification of Atmospheric Mercury Deposition to and Legacy Re-emission from a Subtropical Forest Floor by Mercury Isotopes. <i>Environmental Science & Technology</i> , 2021, 55, 12352-12361.	4.6	19
94	Stable mercury isotopes stored in Masson Pinus tree rings as atmospheric mercury archives. <i>Journal of Hazardous Materials</i> , 2021, 415, 125678.	6.5	17
95	Simulation of mercury emission control by activated carbon under confined-bed operations. <i>Powder Technology</i> , 2008, 180, 332-338.	2.1	16
96	A case study of development and application of a streamlined control and response modeling system for PM _{2.5} attainment assessment in China. <i>Journal of Environmental Sciences</i> , 2016, 41, 69-80.	3.2	16
97	Evolution of four-decade atmospheric mercury release from a coal-fired power plant in North China. <i>Atmospheric Environment</i> , 2019, 213, 526-533.	1.9	16
98	Active Regeneration of Diesel Particulate Filter Employing Microwave Heating. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 69-79.	1.8	15
99	Highly elevated emission of mercury vapor due to the spontaneous combustion of refuse in a landfill. <i>Atmospheric Environment</i> , 2013, 79, 540-545.	1.9	14
100	Development of an integrated policy making tool for assessing air quality and human health benefits of air pollution control. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 1056-1065.	3.3	13
101	Development and case study of a science-based software platform to support policy making on air quality. <i>Journal of Environmental Sciences</i> , 2015, 27, 97-107.	3.2	13
102	Source contribution analysis of mercury deposition using an enhanced CALPUFF-Hg in the central Pearl River Delta, China. <i>Environmental Pollution</i> , 2019, 250, 1032-1043.	3.7	13
103	Source attribution for mercury deposition with an updated atmospheric mercury emission inventory in the Pearl River Delta Region, China. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	13
104	Elevated cadmium pollution since 1890s recorded by forest chronosequence in deglaciated region of Gongga, China. <i>Environmental Pollution</i> , 2020, 260, 114082.	3.7	13
105	Modeling of mercury desorption from activated carbon at elevated temperatures under fluidized/fixed bed operations. <i>Powder Technology</i> , 2005, 151, 54-60.	2.1	11
106	Effect of oxygen availability on the removal efficiency and sludge characteristics during pentachlorophenol (PCP) biodegradation in a coupled granular sludge system. <i>Water Science and Technology</i> , 2010, 61, 1885-1893.	1.2	11
107	Pilot-scale sequential anaerobic-aerobic biological treatment of waste streams from a paper mill. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 359-368.	1.3	10
108	Development of a novel composite resin for dissolved divalent mercury measurement using diffusive gradients in thin films. <i>Chemosphere</i> , 2020, 251, 126231.	4.2	10

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109	Canopy-Level Flux and Vertical Gradients of Hg ⁰ Stable Isotopes in Remote Evergreen Broadleaf Forest Show Year-Around Net Hg ⁰ Deposition. <i>Environmental Science & Technology</i> , 2022, 56, 5950-5959.	4.6	10
110	Rapid Waterborne Pathogen Detection with Mobile Electronics. <i>Sensors</i> , 2017, 17, 1348.	2.1	9
111	Soil-atmosphere exchange flux of total gaseous mercury (TGM) at subtropical and temperate forest catchments. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 16117-16133.	1.9	9
112	Experimental and Kinetic Study of Mercury Adsorption on Various Activated Carbons in a Fixed-Bed Adsorber. <i>Environmental Engineering Science</i> , 2004, 21, 21-27.	0.8	8
113	Water-Related Matrix Isolation Phenomena during NO ₂ Photolysis in Argon Matrix. <i>Applied Spectroscopy</i> , 2004, 58, 528-534.	1.2	8
114	Changes in pentachlorophenol (PCP) metabolism and physicochemical characteristics by granules responding to different oxygen availability. <i>Environmental Progress and Sustainable Energy</i> , 2010, 29, 307-312.	1.3	7
115	Application of statistical design for the optimization of microbial community of synthetic domestic wastewater. <i>Biodegradation</i> , 2011, 22, 205-213.	1.5	7
116	Sources and Dynamic Processes Controlling Background and Peak Concentrations of TGM in Nanjing, China. <i>Atmosphere</i> , 2014, 5, 124-155.	1.0	7
117	Translocation and distribution of mercury in biomasses from subtropical forest ecosystems: evidence from stable mercury isotopes. <i>Acta Geochimica</i> , 2021, 40, 42-50.	0.7	7
118	A comparative study of US EPA 1996 and 1999 emission inventories in the west Gulf of Mexico coast region, USA. <i>Journal of Environmental Management</i> , 2005, 75, 303-313.	3.8	6
119	Atmospheric Aerosol over a Southeastern Region of Texas: Chemical Composition and Possible Sources. <i>Environmental Modeling and Assessment</i> , 2009, 14, 333-350.	1.2	6
120	Effects of process factors on the performance of electrochemical disinfection for wastewater in a continuous-flow cell reactor. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36573-36584.	2.7	6
121	Chemistry and Isotope Fractionation of Divalent Mercury during Aqueous Reduction Mediated by Selected Oxygenated Organic Ligands. <i>Environmental Science & Technology</i> , 2021, 55, 13376-13386.	4.6	6
122	Water Quality Evaluation on an Urban Stormwater Retention Pond Using Wireless Sensor Networks and Hydrodynamic Modeling. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2019, 145, .	0.6	5
123	Microwave-Assisted Noncatalytic Destruction of Volatile Organic Compounds Using Ceramic-Based Microwave Absorbing Media. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 8461-8469.	1.8	4
124	Closure to Mechanistic Model for CaSO ₄ Fouling on Nanofiltration Membrane by Che-Jen Lin, Saqib Shirazi, and Pritesh Rao. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 942-943.	0.7	3
125	Evaluation of kinetic parameters and mass transfer of glucose-fed granules under hypoxic conditions. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 931-936.	1.4	3
126	Cost optimization of a real-time GIS-based management system for hazardous waste transportation. <i>Waste Management and Research</i> , 2010, 28, 723-730.	2.2	3

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127	A deployable decentralized biofilm system for degrading organic carbon and benzene in wastewater. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 505-511.	1.3	3
128	Mercury cycling and bioaccumulation in a changing environment. <i>Science of the Total Environment</i> , 2019, 670, 345.	3.9	3
129	Fourier Transform Infrared-Probed O(3P) Microreactor: Demonstration with Ethylene Reactions in Argon Matrix. <i>Applied Spectroscopy</i> , 2004, 58, 1236-1242.	1.2	2
130	Atmospheric aerosols over two sites in a southeastern region of Texas. <i>Canadian Journal of Chemical Engineering</i> , 2008, 86, 421-435.	0.9	1
131	Atmospheric Aerosols over a Southwestern Region of Texas. <i>Environmental Modeling and Assessment</i> , 2009, 14, 645-659.	1.2	1
132	Development and case study of a new-generation model-VAT for analyzing the boundary conditions influence on atmospheric mercury simulation. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	3.3	1
133	A comparison of two bidirectional air-surface exchange models for gaseous elemental mercury over vegetated surfaces. <i>Atmospheric Environment</i> , 2021, 246, 118096.	1.9	0
134	POTENTIAL SOURCES OF OZONE IN BEAUMONT, TEXAS, USA. , 2000, , .		0