

# Moo Been Chang

## List of Publications by Year in descending order

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Removal of Volatile Organic Compounds by Single-Stage and Two-Stage Plasma Catalysis Systems: A Review of the Performance Enhancement Mechanisms, Current Status, and Suitable Applications. <i>Environmental Science &amp; Technology</i> , 2009, 43, 2216-2227.	10.0	372
2	Review of plasma catalysis on hydrocarbon reforming for hydrogen production—Interaction, integration, and prospects. <i>Applied Catalysis B: Environmental</i> , 2008, 85, 1-9.	20.2	319
3	Review on characteristics of PAHs in atmosphere, anthropogenic sources and control technologies. <i>Science of the Total Environment</i> , 2017, 609, 682-693.	8.0	292
4	Review of Packed-Bed Plasma Reactor for Ozone Generation and Air Pollution Control. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 2122-2130.	3.7	168
5	Removal of SO <sub>2</sub> from gas streams using a dielectric barrier discharge and combined plasma photolysis. <i>Journal of Applied Physics</i> , 1991, 69, 4409-4417.	2.5	147
6	Destruction of Formaldehyde with Dielectric Barrier Discharge Plasmas. <i>Environmental Science &amp; Technology</i> , 1995, 29, 181-186.	10.0	107
7	Abatement of PFCs from Semiconductor Manufacturing Processes by Nonthermal Plasma Technologies: A Critical Review. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 4101-4109.	3.7	89
8	PAH emissions from coal combustion and waste incineration. <i>Journal of Hazardous Materials</i> , 2016, 318, 32-40.	12.4	87
9	Memory effect on the dioxin emissions from municipal waste incinerator in Taiwan. <i>Chemosphere</i> , 2001, 45, 1151-1157.	8.2	77
10	Abatement of Gas-phase p-Xylene via Dielectric Barrier Discharges. <i>Plasma Chemistry and Plasma Processing</i> , 2003, 23, 541-558.	2.4	77
11	Chlorobenzene oxidation using ozone over iron oxide and manganese oxide catalysts. <i>Journal of Hazardous Materials</i> , 2011, 186, 1781-1787.	12.4	75
12	Abatement of perfluorocarbons with combined plasma catalysis in atmospheric-pressure environment. <i>Catalysis Today</i> , 2004, 89, 109-115.	4.4	73
13	Abatement of Sulfur Hexafluoride Emissions from the Semiconductor Manufacturing Process by Atmospheric-Pressure Plasmas. <i>Journal of the Air and Waste Management Association</i> , 2004, 54, 960-970.	1.9	65
14	Removal of SO <sub>2</sub> and the simultaneous removal of SO <sub>2</sub> and NO from simulated flue gas streams using dielectric barrier discharge plasmas. <i>Plasma Chemistry and Plasma Processing</i> , 1992, 12, 565-580.	2.4	64
15	Innovative PCDD/F-containing gas stream generating system applied in catalytic decomposition of gaseous dioxins over V <sub>2</sub> O <sub>5</sub> –WO <sub>3</sub> /TiO <sub>2</sub> -based catalysts. <i>Chemosphere</i> , 2008, 73, 890-895.	8.2	63
16	Inactivation of Aquatic Microorganisms by Low-Frequency AC Discharges. <i>IEEE Transactions on Plasma Science</i> , 2008, 36, 215-219.	1.3	61
17	Partitioning and removal of dioxin-like congeners in flue gases treated with activated carbon adsorption. <i>Chemosphere</i> , 2006, 64, 1489-1498.	8.2	59
18	Simultaneous Removal of Nitrogen Oxide/Nitrogen Dioxide/Sulfur Dioxide from Gas Streams by Combined Plasma Scrubbing Technology. <i>Journal of the Air and Waste Management Association</i> , 2004, 54, 941-949.	1.9	58

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19	Characteristics of PCDD/F congener distributions in gas/particulate phases and emissions from two municipal solid waste incinerators in Taiwan. <i>Science of the Total Environment</i> , 2005, 347, 148-162.	8.0	57
20	Catalytic oxidation of gaseous PCDD/Fs with ozone over iron oxide catalysts. <i>Chemosphere</i> , 2008, 71, 388-397.	8.2	57
21	Gas-Phase Removal of Acetaldehyde via Packed-Bed Dielectric Barrier Discharge Reactor. <i>Plasma Chemistry and Plasma Processing</i> , 2001, 21, 329-343.	2.4	56
22	Removal of VOCs from gas streams with double perovskite-type catalysts. <i>Journal of Environmental Sciences</i> , 2018, 69, 205-216.	6.1	56
23	Reducing PCDD/F formation by adding sulfur as inhibitor in waste incineration processes. <i>Science of the Total Environment</i> , 2006, 366, 456-465.	8.0	55
24	Gas-phase removal of nitric oxide from gas streams via dielectric barrier discharges. <i>Environmental Science &amp; Technology</i> , 1992, 26, 777-781.	10.0	54
25	An Atmospheric-Pressure Plasma Process for C <sub>2</sub> F <sub>6</sub> Removal. <i>Environmental Science &amp; Technology</i> , 2001, 35, 1587-1592.	10.0	52
26	Dioxin emission factors for automobiles from tunnel air sampling in Northern Taiwan. <i>Science of the Total Environment</i> , 2004, 325, 129-138.	8.0	51
27	Oxidative Conversion of PFC via Plasma Processing with Dielectric Barrier Discharges. <i>Plasma Chemistry and Plasma Processing</i> , 2001, 21, 311-327.	2.4	48
28	Enhancement of Energy Yield for Ozone Production via Packed-Bed Reactors. <i>Ozone: Science and Engineering</i> , 2006, 28, 111-118.	2.5	47
29	Characterization of dioxin emissions from two municipal solid waste incinerators in Taiwan. <i>Atmospheric Environment</i> , 2002, 36, 279-286.	4.1	45
30	Evaluation of the emission characteristics of PCDD/Fs from electric arc furnaces. <i>Chemosphere</i> , 2006, 62, 1761-1773.	8.2	44
31	Catalytic decomposition of gaseous PCDD/Fs over V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> -CNTs catalyst: Effect of NO and NH <sub>3</sub> addition. <i>Chemosphere</i> , 2016, 159, 132-137.	8.2	44
32	Destruction and removal of toluene and MEK from gas streams with silent discharge plasmas. <i>AIChE Journal</i> , 1997, 43, 1325-1330.	3.6	43
33	Formation and removal of PCDD/Fs in a municipal waste incinerator during different operating periods. <i>Chemosphere</i> , 2007, 67, S177-S184.	8.2	43
34	Synergistic effect of transition metal oxides and ozone on PCDD/F destruction. <i>Journal of Hazardous Materials</i> , 2009, 164, 1452-1459.	12.4	42
35	Evaluation of PCDD/F oxidation catalysts: Confronting studies on model molecules with tests on PCDD/F-containing gas stream. <i>Chemosphere</i> , 2011, 82, 1337-1342.	8.2	42
36	Evaluation of PCDD/F Congener Partition in Vapor/Solid Phases of Waste Incinerator Flue Gases. <i>Environmental Science &amp; Technology</i> , 2005, 39, 8023-8031.	10.0	41

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37	Destruction of PCDD/Fs by SCR from flue gases of municipal waste incinerator and metal smelting plant. <i>Chemosphere</i> , 2007, 66, 1114-1122.	8.2	41
38	Novel plasma photocatalysis process for syngas generation via dry reforming of methane. <i>Energy Conversion and Management</i> , 2018, 164, 417-428.	9.2	41
39	Increases in ambient PCDD/F and PCB concentrations in Northern Taiwan during an Asian dust storm episode. <i>Science of the Total Environment</i> , 2008, 401, 100-108.	8.0	40
40	Reduction of dioxin emission by a multi-layer reactor with bead-shaped activated carbon in simulated gas stream and real flue gas of a sinter plant. <i>Chemosphere</i> , 2011, 82, 72-77.	8.2	40
41	Catalytic reduction of NO by CO with Cu-based and Mn-based catalysts. <i>Catalysis Today</i> , 2020, 348, 15-25.	4.4	40
42	Removal of formaldehyde over $Mn_xCe_{1-x}O_2$ catalysts: Thermal catalytic oxidation versus ozone catalytic oxidation. <i>Journal of Environmental Sciences</i> , 2014, 26, 2546-2553.	6.1	38
43	Experimental Study on Ozone Synthesis via Dielectric Barrier Discharges. <i>Ozone: Science and Engineering</i> , 1997, 19, 241-254.	2.5	37
44	Evaluation of PCDD/F congener distributions in MWI flue gas treated with SCR catalysts. <i>Chemosphere</i> , 2004, 55, 1457-1467.	8.2	36
45	Historical trends of PCDD/Fs and dioxin-like PCBs in sediments buried in a reservoir in Northern Taiwan. <i>Chemosphere</i> , 2007, 68, 1733-1740.	8.2	36
46	Influence of pH on inactivation of aquatic microorganism with a gas-liquid pulsed electrical discharge. <i>Journal of Electrostatics</i> , 2009, 67, 703-708.	1.9	35
47	Pilot Tests on the Catalytic Filtration of Dioxins. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3995-4001.	10.0	35
48	Sampling and analysis of ambient dioxins in northern Taiwan. <i>Chemosphere</i> , 2003, 51, 1103-1110.	8.2	34
49	Characteristics of Fine Particulate Matter and Polycyclic Aromatic Hydrocarbons Emitted from Coal Combustion Processes. <i>Energy &amp; Fuels</i> , 2019, 33, 10247-10254.	5.1	34
50	Characterization of polybrominated diphenyl ethers (PBDEs) in various aqueous samples in Taiwan. <i>Science of the Total Environment</i> , 2019, 649, 388-395.	8.0	32
51	Influence of Nonthermal Plasma Reactor Type on $CF_4$ and $SF_6$ Abatements. <i>IEEE Transactions on Plasma Science</i> , 2008, 36, 509-515.	1.3	31
52	PCDD/Fs and dl-PCBs concentrations in water samples of Taiwan. <i>Chemosphere</i> , 2017, 173, 603-611.	8.2	31
53	Detoxification of municipal solid waste incinerator (MSWI) fly ash by single-mode microwave (MW) irradiation: Addition of urea on the degradation of Dioxin and mechanism. <i>Journal of Hazardous Materials</i> , 2019, 369, 279-289.	12.4	31
54	Plasma catalytic oxidation of toluene over double perovskite-type oxide via packed-bed DBD. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12948-12962.	5.3	30

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55	Measurement of PCDD/F congener distributions in MWI stack gas and ambient air in northern Taiwan. <i>Atmospheric Environment</i> , 2004, 38, 2535-2544.	4.1	28
56	Investigation of the degradation of pentachlorophenol in sandy soil via low-temperature pyrolysis. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 411-418.	12.4	28
57	Dry Reforming of CH <sub>4</sub> With CO <sub>2</sub> to Generate Syngas by Combined Plasma Catalysis. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3809-3818.	1.3	28
58	Effect of Fly Ash on Catalytic Removal of Gaseous Dioxins over V <sub>2</sub> O <sub>5</sub> WO <sub>3</sub> Catalyst of a Sinter Plant. <i>Environmental Science &amp; Technology</i> , 2009, 43, 7523-7530.	10.0	27
59	Ultrasound-Assisted Plasma: A Novel Technique for Inactivation of Aquatic Microorganisms. <i>Environmental Science &amp; Technology</i> , 2009, 43, 4493-4497.	10.0	26
60	High-Temperature Gaseous H <sub>2</sub> S Removal by Zn-Mn-based Sorbent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 11040-11047.	3.7	26
61	Review on occurrence and behavior of PCDD/Fs and dl-PCBs in atmosphere of East Asia. <i>Atmospheric Environment</i> , 2018, 180, 23-36.	4.1	26
62	Reduction of Dioxin-like Compound Emissions from a Waelz Plant with Adsorbent Injection and a Dual Baghouse Filter System. <i>Environmental Science &amp; Technology</i> , 2008, 42, 2111-2117.	10.0	25
63	Removal of SO <sub>2</sub> and NO from Gas Streams with Combined Plasma Photolysis. <i>Journal of Environmental Engineering, ASCE</i> , 1993, 119, 414-423.	1.4	24
64	Pyrolysis of MWI fly ash – Effect on dioxin-like congeners. <i>Chemosphere</i> , 2013, 92, 857-863.	8.2	24
65	Atmospheric concentrations and gas-particle partitioning of PCDD/Fs and dioxin-like PCBs around Hochiminh city. <i>Chemosphere</i> , 2018, 202, 246-254.	8.2	24
66	Catalytic pyrolysis: New approach for destruction of POPs in MWIs fly ash. <i>Chemical Engineering Journal</i> , 2021, 405, 126718.	12.7	24
67	Degradation of gaseous dioxin-like compounds with dielectric barrier discharges. <i>Journal of Hazardous Materials</i> , 2010, 182, 246-251.	12.4	23
68	Low-Temperature Catalytic Oxidation of Monochlorobenzene by Ozone over Silica-Supported Manganese Oxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 13322-13329.	3.7	23
69	Removal of phenol from gas streams via combined plasma catalysis. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 108-120.	5.8	23
70	Evaluation on speciation and removal efficiencies of mercury from municipal solid waste incinerators in Taiwan. <i>Science of the Total Environment</i> , 2000, 246, 165-173.	8.0	22
71	Catalytic removal of phenol from gas streams by perovskite-type catalysts. <i>Journal of Environmental Sciences</i> , 2017, 56, 131-139.	6.1	22
72	NO/NO <sub>x</sub> removal with C <sub>2</sub> H <sub>2</sub> as additive via dielectric barrier discharges. <i>AIChE Journal</i> , 2001, 47, 1226-1233.	3.6	21

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73	Kinetic Modeling of Ozone Generation via Dielectric Barrier Discharges. <i>Ozone: Science and Engineering</i> , 2004, 26, 551-562.	2.5	21
74	Direct N <sub>2</sub> O decomposition over La <sub>2</sub> NiO <sub>4</sub> -based perovskite-type oxides. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 1260-1269.	1.9	21
75	Catalytic oxidation of trichloroethylene from gas streams by perovskite-type catalysts. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11584-11594.	5.3	21
76	Characterization of PCDD/Fs and dl-PCBs emission from combustion of PCB-containing oil in a fluidized-bed incinerator. <i>Chemosphere</i> , 2019, 225, 35-42.	8.2	21
77	Photocatalytic oxidation of toluene and isopropanol by LaFeO <sub>3</sub> /black-TiO <sub>2</sub> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 20908-20919.	5.3	20
78	Characterization of PCDD/Fs and dioxin-like PCBs emitted from two woodchip boilers in Taiwan. <i>Chemosphere</i> , 2017, 189, 284-290.	8.2	19
79	Characteristics of PCDD/F Distributions in Vapor and Solid Phases and Emissions from the Waelz Process. <i>Environmental Science &amp; Technology</i> , 2006, 40, 1770-1775.	10.0	18
80	PCDD/PCDF behavior in low-temperature pyrolysis of PCP-contaminated sandy soil. <i>Science of the Total Environment</i> , 2013, 443, 590-596.	8.0	18
81	Effective Removal of CF <sub>4</sub> by Combining Nonthermal Plasma with $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . <i>Plasma Chemistry and Plasma Processing</i> , 2019, 39, 877-896.	2.4	18
82	Atmospheric deposition of PCDD/Fs measured via automated and traditional samplers in Northern Taiwan. <i>Chemosphere</i> , 2009, 77, 1184-1190.	8.2	17
83	Combined fast selective reduction using Mn-based catalysts and nonthermal plasma for NO <sub>x</sub> removal. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21496-21508.	5.3	17
84	Measurement of PCNs in sediments collected from reservoir and river in northern Taiwan. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 384-389.	6.0	17
85	Evaluation of PCDD/F partitioning between vapor and solid phases in MWI flue gases with temperature variation. <i>Journal of Hazardous Materials</i> , 2006, 138, 620-627.	12.4	16
86	Characteristics of PCDD/F emissions from secondary copper smelting industry. <i>Chemosphere</i> , 2015, 118, 148-155.	8.2	16
87	Low temperature SNCR process for NO <sub>x</sub> control. <i>Science of the Total Environment</i> , 1997, 198, 73-78.	8.0	15
88	PCDD/F Emissions and Distributions in Waelz Plant and Ambient Air during Different Operating Stages. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2515-2522.	10.0	15
89	Atmospheric PCDD/F measurement in Taiwan and Southeast Asia during Dongsha Experiment. <i>Atmospheric Environment</i> , 2013, 78, 195-202.	4.1	15
90	Photocatalytic removal of trichloroethylene from water with LaFeO <sub>3</sub> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 26276-26285.	5.3	15

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91	Fates and partitioning of heavy metals in municipal solid waste incineration process. <i>Toxicological and Environmental Chemistry</i> , 1998, 67, 161-169.	1.2	14
92	Analysis of polychlorinated dibenzo-p-dioxins and furans in various aqueous samples in Taiwan. <i>Chemosphere</i> , 2011, 83, 760-766.	8.2	14
93	Emissions of PAHs, PCDD/Fs, dl-PCBs, chlorophenols and chlorobenzenes from municipal waste incinerator cofiring industrial waste. <i>Chemosphere</i> , 2021, 280, 130645.	8.2	14
94	Adsorption of mesitylene via mesoporous adsorbents. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 1319-1327.	1.9	13
95	Kinetic Modeling of the NF <sub>3</sub> Decomposition via Dielectric Barrier Discharges in N <sub>2</sub> /NF <sub>3</sub> Mixtures. <i>Plasma Processes and Polymers</i> , 2006, 3, 682-691.	3.0	12
96	Catalytic Conversion of Multipollutants (Hg <sup>0</sup> /NO/Dioxin) with V <sub>2</sub> O <sub>5</sub> •WO <sub>3</sub> /TiO <sub>2</sub> Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 15195-15205.	3.7	12
97	Emission characteristics of dl-PCNs, PCDD/Fs, and dl-PCBs from secondary copper metallurgical plants: Control technology and policy. <i>Chemosphere</i> , 2020, 253, 126651.	8.2	12
98	Plasma-Assisted Process for Removing NO/NO <sub>x</sub> from Gas Streams with C <sub>2</sub> H <sub>4</sub> as Additive. <i>Journal of Environmental Engineering, ASCE</i> , 2003, 129, 800-810.	1.4	11
99	Investigation on the emission factors and removal efficiencies of heavy metals from MSW incinerators in Taiwan. <i>Waste Management and Research</i> , 2003, 21, 218-224.	3.9	11
100	Characteristics of dioxin emissions from a Waelz plant with acid and basic kiln mode. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 229-235.	12.4	11
101	Combining nonthermal plasma with perovskite-like catalyst for NO <sub>x</sub> storage and reduction. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19590-19601.	5.3	10
102	Abatement of Perfluorocompounds by Tandem Packed-Bed Plasmas for Semiconductor Manufacturing Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 5526-5534.	3.7	9
103	Removal of C <sub>3</sub> F <sub>8</sub> Via the Combination of Non-Thermal Plasma, Adsorption and Catalysis. <i>Plasma Chemistry and Plasma Processing</i> , 2011, 31, 585-594.	2.4	9
104	Catalytic destruction vs. adsorption in controlling dioxin emission. <i>Waste Management</i> , 2015, 46, 257-264.	7.4	9
105	Enhancement of nitric oxide decomposition efficiency achieved with lanthanum-based perovskite-type catalyst. <i>Journal of the Air and Waste Management Association</i> , 2016, 66, 619-630.	1.9	9
106	Characterization of PCN emission and removal from secondary copper metallurgical processes. <i>Environmental Pollution</i> , 2020, 258, 113759.	7.5	9
107	Removal of Chlorinated Aromatic Organic Compounds from MWI with Catalytic Filtration. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1215-1222.	2.1	9
108	Plasma-Pretreated Catalyst for Methanol Synthesis From Syngas. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 2213-2220.	1.3	8



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109	Destruction of VOCs via Silent Discharge Plasmas. <i>Chemical Engineering and Technology</i> , 1998, 21, 987-989.	1.5	7
110	Desorption of isopropyl alcohol from adsorbent with non-thermal plasma. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2314-2323.	2.2	7
111	Oxidation of TCE by Combining Perovskite-Type Catalyst With DBD. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 1152-1163.	1.3	7
112	Increase of Ambient PCDD/F Concentrations in Northern Taiwan during Asian Dust Storm and Winter Monsoon Episodes. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1279-1291.	2.1	7
113	Health Risk from Exposure to PCDD/Fs from a Waelz Plant in Central Taiwan. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1310-1319.	2.1	7
114	Characteristics of PM and PAHs emitted from a coal-fired boiler and the efficiencies of its air pollution control devices. <i>Journal of the Air and Waste Management Association</i> , 2022, 72, 85-97.	1.9	7
115	Adsorption-desorption characteristics of methyl ethyl ketone with modified activated carbon and inhibition of 2,3-butanediol production. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 1317-1326.	1.9	6
116	Condensable and filterable particulate matter emission of coal fired boilers and characteristics of PM <sub>2.5</sub> -bound polycyclic aromatic hydrocarbons in the vicinity. <i>Fuel</i> , 2022, 308, 121833.	6.4	6
117	Transformation of mono- to octa- chlorinated dibenzo-p-dioxins and dibenzofurans in MWI fly ash during catalytic pyrolysis process. <i>Chemical Engineering Journal</i> , 2022, 427, 130907.	12.7	6
118	Measurement of atmospheric PCDD/F and PCB distributions in the vicinity area of Waelz plant during different operating stages. <i>Science of the Total Environment</i> , 2008, 391, 114-123.	8.0	5
119	Storage and reduction of NO <sub>x</sub> by combining Sr-based perovskite catalyst with nonthermal plasma. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35582-35593.	5.3	5
120	Reduction of polychlorinated naphthalenes (PCNs) emission from municipal waste incinerators in Taiwan: Recommendation on control technology. <i>Chemosphere</i> , 2020, 252, 126541.	8.2	5
121	Application of plasma catalysis system for C <sub>4</sub> F <sub>8</sub> removal. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57619-57628.	5.3	5
122	Electrostatic Charging and Precipitation of Diesel Soot. , 2009, , .		4
123	Effect of reducing agent on catalytic hydrodechlorination of aqueous-phase OCDD/F. <i>Chemosphere</i> , 2018, 202, 322-329.	8.2	4
124	Evaluation of the effectiveness of nonthermal plasma disinfection. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2795-2805.	2.2	4
125	Efficacy of the novel continuous sampling system for PCDD/Fs and unintentional persistent organic pollutants. <i>Chemosphere</i> , 2020, 243, 125443.	8.2	4
126	Synergistic effects of plasma Z-scheme photocatalysis process for biogas conversion. <i>Journal of CO<sub>2</sub> Utilization</i> , 2020, 40, 101190.	6.8	4



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127	Characteristics of polycyclic aromatic hydrocarbons in ambient air of a tropical mega-area, Ho Chi Minh City, Vietnam: concentration, distribution, gas/particle partitioning, potential sources and cancer risk assessment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 44054-44066.	5.3	4
128	Characterization of PM, PAHs and Gaseous Pollutants Emitted from Sintering Process and Electric Arc Furnace. <i>Aerosol and Air Quality Research</i> , 2021, 21, 210140.	2.1	3
129	Characteristics of PCDD/Fs in PM2.5 from emission stacks and the nearby ambient air in Taiwan. <i>Scientific Reports</i> , 2021, 11, 8093.	3.3	3
130	Effects of ash physical properties on leaching behavior of heavy metals from MSW incineration. <i>Toxicological and Environmental Chemistry</i> , 1997, 60, 13-25.	1.2	2
131	Removal of Gaseous Acetaldehyde via a Silent Discharge Reactor Packed with Al2O3 Beads. <i>Journal of Advanced Oxidation Technologies</i> , 2003, 6, .	0.5	1
132	Application of thermal desorption for measuring PAHs on PM2.5. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	1
133	Rainwater contamination and sources in Taoyuan County, Taiwan. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1997, 32, 1641-1653.	0.1	0
134	Influences of Reactor Geometry on Ozone Production with Dielectric Barrier Discharges: Experimental and Simulation Studies. <i>Journal of Advanced Oxidation Technologies</i> , 2005, 8, .	0.5	0
135	Evaluation of Four Kinds of Nonthermal Plasma Reactor for Abatement of Perfluorocompounds. <i>Journal of Advanced Oxidation Technologies</i> , 2005, 8, .	0.5	0
136	CO2 Reforming with CH4 via Plasma Catalysis System. , 2018, , .		0