

Effects of oxygen, catalyst and PVC on the formation of in pyrolysis products of automobile residues

Chemosphere

65, 1481-1489

DOI: [10.1016/j.chemosphere.2006.04.018](https://doi.org/10.1016/j.chemosphere.2006.04.018)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Polychlorinated Biphenyls (PCBs) in PM10 Surrounding a Chemical Industrial Zone in Shanghai, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 448-453.	2.7	18
2	End-of-life vehicle recycling and automobile shredder residue management in Japan. <i>Journal of Material Cycles and Waste Management</i> , 2007, 9, 151-158.	3.0	60
3	Status of recycling end-of-life vehicles and efforts to reduce automobile shredder residues in Korea. <i>Journal of Material Cycles and Waste Management</i> , 2007, 9, 159-166.	3.0	34
4	Brominated flame retardants and heavy metals in automobile shredder residue (ASR) and their behavior in the melting process. <i>Journal of Material Cycles and Waste Management</i> , 2008, 10, 93-101.	3.0	45
5	Concentrations, Profiles, And Estimated Human Exposures for Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans from Electronic Waste Recycling Facilities and a Chemical Industrial Complex in Eastern China. <i>Environmental Science & Technology</i> , 2008, 42, 8252-8259.	10.0	97
6	Characteristics of products and PCDD/DF emissions from a pyrolysis process of urethane/styrofoam waste from electrical home appliances. <i>Journal of Material Cycles and Waste Management</i> , 2010, 12, 98-102.	3.0	2
7	Recycling of automobile shredder residue with a microwave pyrolysis combined with high temperature steam gasification. <i>Journal of Hazardous Materials</i> , 2010, 182, 80-89.	12.4	44
8	Concentrations and Profiles of Polychlorinated Dioxins and Furans in a Discarded Electronic Waste Open Burning Site. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	2
9	Studies on Gasification and Melting Characteristics of Automobile Shredder Residue. <i>Environmental Engineering Science</i> , 2010, 27, 577-586.	1.6	17
10	Conversion of microwave pyrolysed ASR's char using high temperature agents. <i>Journal of Hazardous Materials</i> , 2011, 185, 472-481.	12.4	22
11	PCDD/Fs in wet sewage sludge pyrolysis using conventional and microwave heating. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 280-286.	5.5	22
12	Pyrolysis of MWI fly ash " Effect on dioxin-like congeners. <i>Chemosphere</i> , 2013, 92, 857-863.	8.2	24
13	Potential release of PCBs from plastic scientific gear to fringing coral reef sediments in the Gulf of Thailand. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 96, 41-49.	1.4	5
14	Biomass Pre-Treatments for Biorefinery Applications: Pyrolysis. <i>Green Energy and Technology</i> , 2013, , 229-260.	0.6	3
15	Recycling plastics from automotive shredder residues: a review. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 398-414.	3.0	64
16	Behavior of PCDF, PCDD, PCN and PCB during low temperature thermal treatment of MSW incineration fly ash. <i>Chemical Engineering Journal</i> , 2015, 279, 180-187.	12.7	29
17	Effect of temperature and oxygen content on the release of organic and inorganic species during high temperature thermochemical conversion of PVC-condensate. <i>Fuel Processing Technology</i> , 2015, 134, 85-91.	7.2	5
18	Automotive shredder residue (ASR) management: An overview. <i>Waste Management</i> , 2015, 45, 143-151.	7.4	102

#	ARTICLE	IF	CITATIONS
19	Dioxins and polyvinylchloride in combustion and fires. <i>Waste Management and Research</i> , 2015, 33, 630-643.	3.9	58
20	Pollutant formation in the pyrolysis and combustion of Automotive Shredder Residue. <i>Waste Management</i> , 2016, 56, 376-383.	7.4	25
21	Polychlorinated biphenyls in settled dust from informal electronic waste recycling workshops and nearby highways in urban centers and suburban industrial roadsides of Chennai city, India: Levels, congener profiles and exposure assessment. <i>Science of the Total Environment</i> , 2016, 573, 1413-1421.	8.0	49
22	Understanding the pyrolysis mechanism of polyvinylchloride (PVC) by characterizing the chars produced in a wire-mesh reactor. <i>Fuel</i> , 2016, 166, 526-532.	6.4	86
23	Preparation of composites based on recycled polypropylene and automotive shredder residue. <i>Polymer International</i> , 2018, 67, 936-945.	3.1	14
24	Comparative Analysis of PCDD/Fs Formation during Pyrolysis and Incineration of Medical Waste. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 272, 022116.	0.3	6
25	Examining the role of total organic carbon and black carbon in the fate of legacy persistent organic pollutants (POPs) in indoor dust from Nepal: Implication on human health. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 225-235.	6.0	18
26	Polychlorinated dibenzo-p-dioxins and dibenzofurans in a three-stage municipal solid waste gasifier. <i>Journal of Cleaner Production</i> , 2019, 218, 920-929.	9.3	16
27	Emissions of dioxins and furans during steam gasification of Automotive Shredder residue; experiences from the Chalmers 2â€“4-MW indirect gasifier. <i>Waste Management</i> , 2020, 102, 114-121.	7.4	18
28	Formation pathways of polychlorinated dibenzo-p-dioxins and dibenzofurans from burning simulated PVC-coated cable wires. <i>Chemosphere</i> , 2021, 264, 128542.	8.2	18
29	Valorization of municipal wastes using co-pyrolysis for green energy production, energy security, and environmental sustainability: A review. <i>Chemical Engineering Journal</i> , 2021, 421, 129749.	12.7	90
30	Direct Determination of Polychlorinated-Biphenyls in Automotive Shredder Residues by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Sciences Methods and Instrumentation</i> , 2013, 03, 90-97.	0.1	0
31	Evaluation of the Melting Gasification Process for Recovery of Energy and Resources from Automobile Shredder Residues. <i>Energies</i> , 2022, 15, 1248.	3.1	3
32	PAHs, PCBs and Environmental Contamination in Char Products. , 0, , .		0
33	Thermal Decomposition of Medical Wastes in a Fixed-Bed Pyrolysis Reactor. <i>High Temperature</i> , 2022, 60, 104-112.	1.0	0
34	Waste plastic to energy storage materials: a state-of-the-art review. <i>Green Chemistry</i> , 2023, 25, 3738-3766.	9.0	8