## PCBs and PCDD/Fs in soil from informal e-waste recycle Levels, congener profiles and health risk assessment

Science of the Total Environment 621, 930-938

DOI: 10.1016/j.scitotenv.2017.11.083

**Citation Report** 

#	Article	IF	CITATIONS
1	Catalytic decomposition of PCDD/Fs on a V2O5-WO3/nano-TiO2 catalyst: effect of NaCl. Environmental Science and Pollution Research, 2018, 25, 15474-15483.	5.3	6
2	The myth and the reality of energy recovery from municipal solid waste. Energy, Sustainability and Society, 2018, 8, .	3.8	25
3	Human impacts on soil. Science of the Total Environment, 2018, 644, 830-834.	8.0	24
4	Improving bromine fixation in co-pyrolysis of non-metallic fractions of waste printed circuit boards with Bayer red mud. Science of the Total Environment, 2018, 639, 1553-1559.	8.0	58
5	Circular economy and sustainable development. , 2019, , 281-311.		3
6	The health concern of polychlorinated biphenyls (PCBs) in a notorious e-waste recycling site. Ecotoxicology and Environmental Safety, 2019, 186, 109817.	6.0	25
7	Electronic Waste Pollution. Soil Biology, 2019, , .	0.8	5
8	WEEE Treatment in Developing Countries: Environmental Pollution and Health Consequences—An Overview. International Journal of Environmental Research and Public Health, 2019, 16, 1595.	2.6	63
9	Characteristics, sources, and in situ phytoremediation of polycyclic aromatic hydrocarbon in rural dumpsites. Journal of Soils and Sediments, 2019, 19, 3945-3953.	3.0	6
10	Is informal electronic waste recycling a newer source for atmospheric industrial persistent organic pollutants in Indian metropolitan cities?. Current Opinion in Environmental Science and Health, 2019, 8, 29-35.	4.1	11
11	Phthalate pollution driven by the industrial plastics market: a case study of the plastic market in Yuyao City, China. Environmental Science and Pollution Research, 2019, 26, 11224-11233.	5.3	21
12	Levels, temporal/spatial variations and sources of PAHs and PCBs in soil of a highly industrialized area. Atmospheric Pollution Research, 2019, 10, 1227-1238.	3.8	30
13	Baseline investigation on plasticizers, bisphenol A, polycyclic aromatic hydrocarbons and heavy metals in the surface soil of the informal electronic waste recycling workshops and nearby open dumpsites in Indian metropolitan cities. Environmental Pollution, 2019, 248, 1036-1045.	7.5	99
15	Characteristics of PCDD/Fs and metals in surface soil around an iron and steel plant in North China Plain. Chemosphere, 2019, 216, 413-418.	8.2	23
16	Biochar for Effective Cleaning of Contaminated Dumpsite Soil: A Sustainable and Cost-Effective Remediation Technique for Developing Nations. , 2019, , 3-29.		0
17	Adaptive co-management model for the East Kolkata wetlands: A sustainable solution to manage the rapid ecological transformation of a peri-urban landscape. Science of the Total Environment, 2020, 698, 134203.	8.0	36
18	Positive matrix factorization on source apportionment for typical pollutants in different environmental media: a review. Environmental Sciences: Processes and Impacts, 2020, 22, 239-255.	3.5	39
19	PCB levels in adipose tissue of dogs from illegal dumping sites in Campania region (Italy). Chemosphere, 2020, 244, 125478.	8.2	7

#	Article	IF	CITATIONS
20	Atmospheric polychlorinated biphenyls from an urban site near informal electronic waste recycling area and a suburban site of Chennai city, India. Science of the Total Environment, 2020, 710, 135526.	8.0	12
21	Waste electrical and electronic equipment in India: diversity, flows, and resource recovery approaches. , 2020, , 207-241.		2
22	Polychlorinated biphenyls in the soil–crop–atmosphere system in e-waste dismantling areas in Taizhou: Concentrations, congener profiles, uptake, and translocation. Environmental Pollution, 2020, 257, 113622.	7.5	31
23	A cost-benefit analysis of the downstream impacts of e-waste recycling in Pakistan. Waste Management, 2020, 118, 302-312.	7.4	33
24	Applying a stock-based model for estimating the amount of personal computer waste. IOP Conference Series: Earth and Environmental Science, 2020, 456, 012026.	0.3	0
25	Legacy and emerging flame retardants (FRs) in the urban atmosphere of Pakistan: Diurnal variations, gas-particle partitioning and human health exposure. Science of the Total Environment, 2020, 743, 140874.	8.0	16
26	Occurrence, sources and risk assessment of fluoroquinolones in dumpsite soil and sewage sludge from Chennai, India. Environmental Toxicology and Pharmacology, 2020, 79, 103410.	4.0	36
27	Distribution and potential risk of metals and metalloids in soil of informal E-waste recycling sites in Lagos, Nigeria. Ife Journal of Science, 2020, 21, 213.	0.3	2
28	A comprehensive analysis of e-waste legislation worldwide. Environmental Science and Pollution Research, 2020, 27, 14412-14431.	5.3	100
29	Soil pollution at a major West African E-waste recycling site: Contamination pathways and implications for potential mitigation strategies. Environment International, 2020, 137, 105563.	10.0	67
30	Long-term monitoring of PCDD/Fs in soils in the vicinity of a hazardous waste incinerator in China: Temporal variations and environmental impacts. Science of the Total Environment, 2020, 713, 136717.	8.0	16
31	A consideration of polychlorinated biphenyls as a chemostratigraphic marker of the Anthropocene. Infrastructure Asset Management, 2020, 7, 138-158.	1.6	13
32	A review of sustainable e-waste generation and management: Present and future perspectives. Journal of Environmental Management, 2020, 264, 110495.	7.8	68
33	Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. Environment International, 2020, 139, 105731.	10.0	55
34	Circular economy potential of e-waste collectors, dismantlers, and recyclers of Maharashtra: a case study. Environmental Science and Pollution Research, 2020, 27, 22081-22099.	5.3	32
35	Informal e-waste recycling and plasma levels of non-dioxin-like polychlorinated biphenyls (NDL-PCBs) – A cross-sectional study at Agbogbloshie, Ghana. Science of the Total Environment, 2020, 723, 138073.	8.0	21
36	Persistent organic pollutants and couple fecundability: a systematic review. Human Reproduction Update, 2021, 27, 339-366.	10.8	26
37	Atmospheric polychlorinated biphenyls in a non-metropolitan city in northern India: Levels, seasonality and sources. Chemosphere, 2021, 263, 127700.	8.2	4

#	Article	IF	CITATIONS
38	PCB153 reduces apoptosis in primary cultures of murine pituitary cells through the activation of NF-κB mediated by PI3K/Akt. Molecular and Cellular Endocrinology, 2021, 520, 111090.	3.2	8
39	Human Health Risk Assessment of a pilot-plant for catalytic pyrolysis of mixed waste plastics for fuel production. Journal of Hazardous Materials, 2021, 405, 124222.	12.4	8
40	Legacy persistent organochlorine pollutants and polycyclic aromatic hydrocarbons in the surface soil from the industrial corridor of South India: occurrence, sources and risk assessment. Environmental Geochemistry and Health, 2021, 43, 2105-2120.	3.4	18
41	Promoted reductive removal of chlorinated organic pollutants co-occurring with facilitated methanogenesis in anaerobic environment: A systematic review and meta-analysis. Critical Reviews in Environmental Science and Technology, 2022, 52, 2582-2609.	12.8	17

BİR MÜHENDİSLİK FAKÜLTESİNİN FARKLI İÇ ORTAMLARINDAN TOPLANAN TOZ ÖRNEKLERİNDEKİ PAH VE PCBLERİI SEVİYELERİNİN VE KAYNAKLARININ İNCELENMESİ. Mühendislik Bilimleri Ve Tasarım Dergisi, 2021, 9, 336-347.

43	Electronic Waste, an Environmental Problem Exported to Developing Countries: The GOOD, the BAD and the UGLY. Sustainability, 2021, 13, 5302.	3.2	87
44	Passive Air Sampling of PCDD/Fs, PCBs, PAEs, DEHA, and PAHs from Informal Electronic Waste Recycling and Allied Sectors in Indian Megacities. Environmental Science & Technology, 2021, 55, 9469-9478.	10.0	32
45	Concentrations, Sources, and Associated Risks of Polychlorinated Biphenyls Measured in Soil Profiles from Selected Telecom-masts in the Niger Delta, Nigeria. Soil and Sediment Contamination, 2022, 31, 293-315.	1.9	5
46	E-waste management and its effects on the environment and human health. Science of the Total Environment, 2021, 773, 145623.	8.0	159
47	Soil concentrations, compositional profiles, sources and bioavailability of polychlorinated dibenzo dioxins/furans, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in open municipal dumpsites of Chennai city, India. Waste Management, 2021, 131, 331-340.	7.4	13
48	A state-of-the-science review of polychlorinated biphenyl exposures at background levels: Relative contributions of exposure routes. Science of the Total Environment, 2021, 776, 145912.	8.0	28
49	Evaluation of soil contamination due to crude E-waste recycling activities in the capital city of India. Chemical Engineering Research and Design, 2021, 152, 641-653.	5.6	39
50	E-waste recycling practices: a review on environmental concerns, remediation and technological developments with a focus on printed circuit boards. Environment, Development and Sustainability, 2022, 24, 8965-9047.	5.0	13
51	A comprehensive assessment of endocrine-disrupting chemicals in an Indian food basket: Levels, dietary intakes, and comparison with European data. Environmental Pollution, 2021, 288, 117750.	7.5	25
52	Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice. Environmental Pollution, 2021, 290, 118079.	7.5	10
53	Environmental contamination and human exposure of polychlorinated biphenyls (PCBs) in China: A review. Science of the Total Environment, 2022, 805, 150270.	8.0	65
54	Nitrogen addition facilitates phytoremediation of PAH-Cd cocontaminated dumpsite soil by altering alfalfa growth and rhizosphere communities. Science of the Total Environment, 2022, 806, 150610.	8.0	11
55	Enhanced aerosol particle growth sustained by high continental chlorine emission in India. Nature Geoscience, 2021, 14, 77-84.	12.9	94

#	Article	IF	CITATIONS
56	Global occurrence, chemical properties, and ecological impacts of e-wastes (IUPAC Technical Report). Pure and Applied Chemistry, 2020, 92, 1733-1767.	1.9	42
57	Electronic Waste Low-Temperature Processing: An Alternative Thermochemical Pretreatment to Improve Component Separation. Materials, 2021, 14, 6228.	2.9	2
58	Urban mining: recovery of metals from printed circuit boards. International Journal of Environmental Science and Technology, 2022, 19, 9731-9740.	3.5	4
59	Recycling Processes and Plastic in Electronic Waste Is an Emerging Problem for India: Implications for Future Prospect. Soil Biology, 2019, , 171-186.	0.8	Ο
60	A Critical Study of Choke Point in Sustainable Recycling of Household Waste in an Assamese Village Setting. Smart Innovation, Systems and Technologies, 2019, , 165-173.	0.6	0
61	A contemporary review of electronic waste through the lens of inhalation toxicology. Inhalation Toxicology, 2021, 33, 285-294.	1.6	1
62	Polybrominated diphenyl ethers concentrations in metals and plastics scrap impacted soils: Pollution load, sources, ecological, and onsite human health implications. Environmental Forensics, 2023, 24, 269-284.	2.6	3
63	Recycling plastics containing decabromodiphenyl ether into new consumer products including children's toys purchased in Japan and seventeen other countries. Chemosphere, 2022, 289, 133179.	8.2	17
64	Chemical remediationÂandÂadvanced oxidation process of polychlorinated biphenyls in contaminated soils: a review. Environmental Science and Pollution Research, 2022, 29, 22930-22945.	5.3	12
65	Concentrations and Toxic Implications of Dioxin‣ike Polychlorinated Biphenyls in Soil Samples from Electrical Power Stations in Lagos, Nigeria. Environmental Toxicology and Chemistry, 2022, 41, 800-809.	4.3	1
66	Characteristics, correlations and health risks of PCDD/Fs and heavy metals in surface soil near municipal solid waste incineration plants in Southwest China. Environmental Pollution, 2022, 298, 118816.	7.5	25
67	Interlinkage Between Persistent Organic Pollutants and Plastic in the Waste Management System of India: An Overview. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 927-936.	2.7	17
68	Characteristics of Historical Underground Storage Sites of Capacitors Containing Polychlorinated Biphenyls. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	3
69	Evaluation of E-waste materials linked potential consequences to environment in India. Environmental Technology and Innovation, 2022, 28, 102477.	6.1	16
70	Spent waste from edible mushrooms offers innovative strategies for the remediation of persistent organic micropollutants: A review. Environmental Pollution, 2022, 305, 119285.	7.5	10
71	An overview on bioremediation technologies for soil pollution in E-waste dismantling areas. Journal of Environmental Chemical Engineering, 2022, 10, 107839.	6.7	11
72	Introduction to the Circular Economy. CSR, Sustainability, Ethics & Governance, 2022, , 3-23.	0.3	1
73	PCDD/Fs and PBDD/Fs in sediments from the river encompassing Guiyu, a typical e-waste recycling zone of China. Ecotoxicology and Environmental Safety, 2022, 241, 113730.	6.0	5

#	Article	IF	CITATIONS
74	Legacy and new chlorinated persistent organic pollutants in the rivers of south India: Occurrences, sources, variations before and after the outbreak of the COVID-19 pandemic. Journal of Hazardous Materials, 2022, 437, 129262.	12.4	17
75	Activity-based exposure levels and lifetime cancer risk for workers exposed to polychlorinated biphenyls during electronic waste dismantling in Buriram province, Thailand. Atmospheric Environment, 2022, 287, 119289.	4.1	2
76	Recent Progress in the Determination of Polychlorodibenzo- <i>p</i> -Dioxins and Polychlorodibenzofurans by Mass Spectrometry: A Minireview. Analytical Letters, 0, , 1-23.	1.8	0
77	Contamination characteristics, coexistence relationships and health risk assessment of dioxins and metals in topsoil around municipal solid waste incinerator in Hainan, China. Frontiers in Environmental Science, 0, 10, .	3.3	4
78	Presence of Novel and Legacy Flame Retardants and Other Pollutants in an E-Waste Site in China and Associated Risks. SSRN Electronic Journal, 0, , .	0.4	0
79	A Review of Polychlorinated Biphenyls (PCBs) Pollution in the Air: Where and How Much Are We Exposed to?. International Journal of Environmental Research and Public Health, 2022, 19, 13923.	2.6	16
80	Persistent Toxic Substances Released from Uncontrolled E-waste Recycling and Action for the Future. , 2023, , 103-126.		1
81	Presence of novel and legacy flame retardants and other pollutants in an e-waste site in China and associated risks. Environmental Research, 2023, 216, 114768.	7.5	4
82	Occurrence and distribution characteristics of PCBs and PBDEs in farmland soils adjacent to electronic circuit board dismantling ruins. Frontiers in Environmental Science, 0, 10, .	3.3	1
83	Simultaneous Determination of a Polychlorinated Dibenzo-p-Dioxin and Dibenzo-p-Furan in Environmental Water by Dispersive Liquid-Liquid Microextraction (DLLME) and a Modified QuEChERS Procedure with High-Performance Liquid Chromatography – Diode Array Detection (HPLC-DAD). Analvtical Letters, 2023, 56, 2309-2328.	1.8	3
84	Current Scenario on Conventional and Modern Approaches Towards Eco-friendly ElectronicÂWaste Management. , 2023, , 1-44.		0
85	Accounting of the Use and Emissions of Polychlorinated Biphenyl Compounds (PCBs) in India, 1951–2100. Environmental Science & Technology, 2023, 57, 4763-4774.	10.0	3
86	A Study of the Printed Circuit Board (PCB) E-Waste Recycling Process. Impact of Meat Consumption on Health and Environmental Sustainability, 2023, , 159-184.	0.4	26
87	Circular economy and household e-waste management in India. Part II: A case study on informal e-waste collectors (Kabadiwalas) in India. Minerals Engineering, 2023, 200, 108154.	4.3	7
88	Baseline Soil Dioxin Levels from Sites Where Municipal Solid Waste Incineration Construction Is Planned throughout China: Characteristics, Sources and Risk Assessment. Sustainability, 2023, 15, 9310.	3.2	0
89	An Indian Perspective on Sources of Persistent Organic Pollutants Associated with Plastic Handling: Consequences of COVID-19 Pandemic. Emerging Contaminants and Associated Treatment Technologies, 2023, , 41-61.	0.7	0
90	Influence of e-waste exposure on DNA damage and DNA methylation in people living near recycling sites. Environmental Science and Pollution Research, 2023, 30, 88744-88756.	5.3	0
91	Developing an Improved Strategy for the Analysis of Polychlorinated Dibenzo-p-Dioxins/Furans and Dioxin-like Polychlorinated Biphenyls in Contaminated Soils Using a Combination of a One-Step Cleanup Method and Gas Chromatography with Triple Quadrupole Mass Spectrometry. Toxics, 2023, 11,	3.7	1

738.

#	Article	IF	CITATIONS
92	Assessment of legacy and alternative halogenated organic pollutants in outdoor dust and soil from e-waste sites in Nigeria: Concentrations, patterns, and implications for human exposure. Environmental Pollution, 2024, 342, 123032.	7.5	0
93	Polychlorinated biphenyls in bovine milk from a typical informal electronic waste recycling and related source regions in southern India before and after the COVID-19 pandemic outbreak. Science of the Total Environment, 2024, 912, 168879.	8.0	0
94	Concentration and sources of persistent organic pollutants within the vicinity of a scrap-iron smelting plant: Seasonal pattern and health risk assessment. Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis, 2024, 42, 16-32.	0.7	0
95	Analytical techniques for estimation of industrial endocrine disrupting chemicals. , 2024, , 105-117.		0
96	Environmental occurrence of industrial endocrine disrupting chemicals. , 2024, , 169-221.		0
97	Resource recovery from the e-wastes through bioleaching. , 2024, , 271-280.		0
98	A Bibliometric Analysis of Electronic Waste Management: Issues and Challenges. Current World Environment Journal, 2024, 18, 1265-1276.	0.5	0
99	Exposure pathway and risk assessment of endocrine-disrupting chemicals. , 2024, , 251-277.		0
100	HBM4EU E-waste study: Assessing persistent organic pollutants in blood, silicone wristbands, and settled dust among E-waste recycling workers in Europe. Environmental Research, 2024, 250, 118537.	7.5	0
101	Polychlorinated Biphenyls (PCBs). Emerging Contaminants and Associated Treatment Technologies, 2024, , 125-139.	0.7	0
102	Dioxins and Furans. Emerging Contaminants and Associated Treatment Technologies, 2024, , 141-163.	0.7	0