Jie Guo

List of Publications by Year in descending order

30 papers	1,728 citations	394421 19 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1219 citing authors

#	Article	IF	Citations
1	Research on Anti-Alzheimerâ€™s Traditional Chinese Medicine with Data Security: Datasets, Methods, and Evaluation. Security and Communication Networks, 2022, 2022, 1-14.	1.5	0
2	Catalytic effect and mechanism of coexisting copper on conversion of organics during pyrolysis of waste printed circuit boards. Journal of Hazardous Materials, 2021, 403, 123465.	12.4	42
3	Polybrominated diphenyl ethers in indoor air from two typical E-waste recycling workshops in Southern China: Emission, size-distribution, gas-particle partitioning, and exposure assessment. Journal of Hazardous Materials, 2021, 402, 123667.	12.4	14
4	Reveal the Release and Transformation Mechanism of Polybrominated Diphenyl Ethers during the Crushing of Waste Printed Circuit Boards Based on the Experimental Monitoring and Theoretical Simulation. ACS Sustainable Chemistry and Engineering, 2021, 9, 4926-4935.	6.7	3
5	Research of the thermal decomposition mechanism and pyrolysis pathways from macromonomer to small molecule of waste printed circuit board. Journal of Hazardous Materials, 2020, 383, 121234.	12.4	58
6	Thermal degradation and pollutant emission from waste printed circuit boards mounted with electronic components. Journal of Hazardous Materials, 2020, 382, 121038.	12.4	35
7	Mechanochemical degradation of brominated flame retardants in waste printed circuit boards by Ball Milling. Journal of Hazardous Materials, 2020, 385, 121509.	12.4	47
8	Unveiling the Release Mechanism of Pollutants during the Crushing Process of Waste Printed Circuit Boards. ACS Sustainable Chemistry and Engineering, 2020, 8, 14540-14548.	6.7	5
9	Fate and migration of polybrominated diphenyl ethers in a workshop for waste printed circuit board de-soldering. Environmental Science and Pollution Research, 2020, 27, 30342-30351.	5.3	5
10	In-situ debromination mechanism based on self-activation and catalysis of Ca(OH)2 during pyrolysis of waste printed circuit boards. Journal of Hazardous Materials, 2020, 392, 122447.	12.4	28
11	Emission characteristics of polybrominated diphenyl ethers from the thermal disassembly of waste printed circuit boards. Atmospheric Environment, 2020, 226, 117402.	4.1	9
12	Emission characteristics and exposure assessment of particulate matter and polybrominated diphenyl ethers (PBDEs) from waste printed circuit boards de-soldering. Science of the Total Environment, 2019, 662, 530-536.	8.0	22
13	Integrated process for recycling aluminum electrolytic capacitors from waste printed circuit boards: Disassembly, heat treatment and magneticâ€“eddy currentâ€“electrostatic separating. Journal of Cleaner Production, 2017, 165, 334-345.	9.3	17
14	An environmentally friendly technology of disassembling electronic components from waste printed circuit boards. Waste Management, 2016, 53, 218-224.	7.4	90
15	Finding Missing Proteins from the Epigenetically Manipulated Human Cell with Stringent Quality Criteria. Journal of Proteome Research, 2015, 14, 3645-3657.	3.7	22
16	PBDEs Emission from Waste Printed Wiring Boards during Thermal Process. Environmental Science & Technology, 2015, 49, 2716-2723.	10.0	63
17	Polybrominated diphenyl ethers in indoor air during waste TV recycling process. Journal of Hazardous Materials, 2015, 283, 439-446.	12.4	51
18	Effects of acoustic hood on noise, CFC-11, and particulate matter in a recycling system for waste refrigerator cabinet. Environmental Science and Pollution Research, 2014, 21, 12701-12708.	5.3	2

#	Article	IF	Citations
19	Leaching characteristics of heavy metals and brominated flame retardants from waste printed circuit boards. Journal of Hazardous Materials, 2013, 246-247, 96-102.	12.4	83
20	Volatile Organic Compounds and Metal Leaching from Composite Products Made from Fiberglass-Resin Portion of Printed Circuit Board Waste. Environmental Science & Technology, 2012, 46, 1028-1034.	10.0	41
21	Curing behavior of the plate produced by nonmetallic materials recycled from waste printed circuit boards. Journal of Applied Polymer Science, 2011, 122, 1829-1837.	2.6	4
22	Performance and thermal behavior of wood plastic composite produced by nonmetals of pulverized waste printed circuit boards. Journal of Hazardous Materials, 2010, 179, 203-207.	12.4	37
23	Effects of particle size of fiberglassâ€“resin powder from PCBs on the properties and volatile behavior of phenolic molding compound. Journal of Hazardous Materials, 2010, 175, 165-171.	12.4	12
24	Wood Plastic Composite Produced by Nonmetals from Pulverized Waste Printed Circuit Boards. Environmental Science & Technology, 2010, 44, 463-468.	10.0	71
25	Manufacturing process of reproduction plate by nonmetallic materials reclaimed from pulverized printed circuit boards. Journal of Hazardous Materials, 2009, 163, 1019-1025.	12.4	17
26	Recycling of non-metallic fractions from waste printed circuit boards: A review. Journal of Hazardous Materials, 2009, 168, 567-590.	12.4	332
27	Application of glass-nonmetals of waste printed circuit boards to produce phenolic moulding compound. Journal of Hazardous Materials, 2008, 153, 728-734.	12.4	74
28	Phenolic Molding Compound Filled with Nonmetals of Waste PCBs. Environmental Science & Technology, 2008, 42, 624-628.	10.0	69
29	A Plate Produced by Nonmetallic Materials of Pulverized Waste Printed Circuit Boards. Environmental Science & Technology, 2008, 42, 5267-5271.	10.0	72
30	Recycle Technology for Recovering Resources and Products from Waste Printed Circuit Boards. Environmental Science & Technology, 2007, 41, 1995-2000.	10.0	403