

# Jie Guo

## List of Publications by Year in descending order

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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	Recycle Technology for Recovering Resources and Products from Waste Printed Circuit Boards. <i>Environmental Science &amp; Technology</i> , 2007, 41, 1995-2000.	10.0	403
2	Recycling of non-metallic fractions from waste printed circuit boards: A review. <i>Journal of Hazardous Materials</i> , 2009, 168, 567-590.	12.4	332
3	An environmentally friendly technology of disassembling electronic components from waste printed circuit boards. <i>Waste Management</i> , 2016, 53, 218-224.	7.4	90
4	Leaching characteristics of heavy metals and brominated flame retardants from waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2013, 246-247, 96-102.	12.4	83
5	Application of glass-nonmetals of waste printed circuit boards to produce phenolic moulding compound. <i>Journal of Hazardous Materials</i> , 2008, 153, 728-734.	12.4	74
6	A Plate Produced by Nonmetallic Materials of Pulverized Waste Printed Circuit Boards. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5267-5271.	10.0	72
7	Wood Plastic Composite Produced by Nonmetals from Pulverized Waste Printed Circuit Boards. <i>Environmental Science &amp; Technology</i> , 2010, 44, 463-468.	10.0	71
8	Phenolic Molding Compound Filled with Nonmetals of Waste PCBs. <i>Environmental Science &amp; Technology</i> , 2008, 42, 624-628.	10.0	69
9	PBDEs Emission from Waste Printed Wiring Boards during Thermal Process. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2716-2723.	10.0	63
10	Research of the thermal decomposition mechanism and pyrolysis pathways from macromonomer to small molecule of waste printed circuit board. <i>Journal of Hazardous Materials</i> , 2020, 383, 121234.	12.4	58
11	Polybrominated diphenyl ethers in indoor air during waste TV recycling process. <i>Journal of Hazardous Materials</i> , 2015, 283, 439-446.	12.4	51
12	Mechanochemical degradation of brominated flame retardants in waste printed circuit boards by Ball Milling. <i>Journal of Hazardous Materials</i> , 2020, 385, 121509.	12.4	47
13	Catalytic effect and mechanism of coexisting copper on conversion of organics during pyrolysis of waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2021, 403, 123465.	12.4	42
14	Volatile Organic Compounds and Metal Leaching from Composite Products Made from Fiberglass-Resin Portion of Printed Circuit Board Waste. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1028-1034.	10.0	41
15	Performance and thermal behavior of wood plastic composite produced by nonmetals of pulverized waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2010, 179, 203-207.	12.4	37
16	Thermal degradation and pollutant emission from waste printed circuit boards mounted with electronic components. <i>Journal of Hazardous Materials</i> , 2020, 382, 121038.	12.4	35
17	In-situ debromination mechanism based on self-activation and catalysis of Ca(OH) <sub>2</sub> during pyrolysis of waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2020, 392, 122447.	12.4	28
18	Finding Missing Proteins from the Epigenetically Manipulated Human Cell with Stringent Quality Criteria. <i>Journal of Proteome Research</i> , 2015, 14, 3645-3657.	3.7	22

#	ARTICLE	IF	CITATIONS
19	Emission characteristics and exposure assessment of particulate matter and polybrominated diphenyl ethers (PBDEs) from waste printed circuit boards de-soldering. <i>Science of the Total Environment</i> , 2019, 662, 530-536.	8.0	22
20	Manufacturing process of reproduction plate by nonmetallic materials reclaimed from pulverized printed circuit boards. <i>Journal of Hazardous Materials</i> , 2009, 163, 1019-1025.	12.4	17
21	Integrated process for recycling aluminum electrolytic capacitors from waste printed circuit boards: Disassembly, heat treatment and magnetic eddy current electrostatic separating. <i>Journal of Cleaner Production</i> , 2017, 165, 334-345.	9.3	17
22	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. <i>Journal of Hazardous Materials</i> , 2021, 402, 123667.	12.4	14
23	Effects of particle size of fiberglass resin powder from PCBs on the properties and volatile behavior of phenolic molding compound. <i>Journal of Hazardous Materials</i> , 2010, 175, 165-171.	12.4	12
24	Emission characteristics of polybrominated diphenyl ethers from the thermal disassembly of waste printed circuit boards. <i>Atmospheric Environment</i> , 2020, 226, 117402.	4.1	9
25	Unveiling the Release Mechanism of Pollutants during the Crushing Process of Waste Printed Circuit Boards. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14540-14548.	6.7	5
26	Fate and migration of polybrominated diphenyl ethers in a workshop for waste printed circuit board de-soldering. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30342-30351.	5.3	5
27	Curing behavior of the plate produced by nonmetallic materials recycled from waste printed circuit boards. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1829-1837.	2.6	4
28	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. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4926-4935.	6.7	3
29	Effects of acoustic hood on noise, CFC-11, and particulate matter in a recycling system for waste refrigerator cabinet. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12701-12708.	5.3	2
30	Research on Anti-Alzheimer's Traditional Chinese Medicine with Data Security: Datasets, Methods, and Evaluation. <i>Security and Communication Networks</i> , 2022, 2022, 1-14.	1.5	0