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Conventional and Novel Processes for the Extraction of Precious Metals from Spent Catalyst and Electronic Equipment

Guest Editors:

Message from the Guest Editors

Dr. Paolo Trucillo

This Special Issue will collect works regarding these topics:

Prof. Dr. Amedeo Lancia

Prof. Dr. Francesco Di Natale

Deadline for manuscript

submissions:

closed (30 September 2024)

- Pyrometallurgy of PM recovery from waste catalyst and electric devices
- Leaching of precious metals from spent catalytic converters
- Selective leaching of precious metals from waste electric and electronic devices
- Sustainable recycling and reuse of waste catalyst and electric devices
- CFD in hydrometallurgical processes
- Economic analysis of precious metals extraction and recovery processes
- Definition of metals leaching models and kinetics
- Metal adsorption kinetics and models
- Solvent extraction of precious metals
- Ion exchange techniques
- Application of electrochemical processes
- Alternative techniques for eco-friendly leaching of precious metals
- LCA analysis of PM recovery from spent catalysts and electronic equipment











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Message from the Editor-in-Chief

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