

IOP Physical Acoustics Group Tutorial Day: Acoustics in Action – Sonochemistry

Poster Presentations

Paul Prentice	Tube transducer configuration for flow-based ultrasonically enhanced technology critical metal recovery from electronic waste
Paul Prentice	3.4 MHz resonance in fibre-optic hydrophone detection of cavitation shockwaves
Yi Qin	Catalytic Sonochemistry of Cu ₂ O Particles for CO ₂ -to-CO Conversion
Irem Soyler	Optimising ultrasonic parameters for bacterial inactivation
Lillian Usadi	Inertial and Stable Cavitation Noise Characterization of Tetracycline Degradation in a Sonochemical Reactor Utilizing Machine-Learning Techniques
Muhammad Auwal Yunusa	Per- and Poly-fluoroalkyl Substances (PFAS) Remediation Using Cold Atmospheric Plasma and Ultrasound
Yifeng Zhang	Suppressing Dendrite Formation via Acoustic Agitation
Yucheng Zhu	Implementation of sonoluminescence and sonochemiluminescence - based select of ultrasonic chemical reaction parameters