

**Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis**

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**Assessment of fire-retardant treatments and their impact on the fire performance and bonding properties of aspen and silver birch veneers**

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**Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb<sub>2</sub>Se<sub>3</sub> : A remarkable material for quantum networks and energy applications**

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**Benchmarking Inorganic Thin-Film Photovoltaics Technologies for Indoor Applications**

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**Deposition and characterization of zinc–tin oxide thin films with varying material compositions**

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**Developing mineral foam blocks from oil shale byproducts through accelerated carbonation**

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**Dissolution kinetics of rare earth elements from Estonian phosphate rock using hydrochloric acid treatment**

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**Effect of Annealing in Air on the Structural and Optical Properties and Efficiency Improvement of TiO<sub>2</sub>/Cu<sub>x</sub>O Solar Cells Obtained via Direct-Current Reactive Magnetron Sputtering**

Wisz, Grzegorz; Sibinski, Maciej; Labuz, Mirosław; Potera, Piotr; Ploch, Dariusz; Bester, Mariusz; Yavorskyi, Rostyslav Materials

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**Effects of cationic substitution on the properties of Sb<sub>1-x</sub>BixS<sub>2</sub> (x = 0–1) compounds**

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**Enhancement of residential PV energy storage system by supercapacitor battery – high spatial resolution data analysis**

**In Ambient Air Processed Cu<sub>2</sub>ZnSnS<sub>4</sub> Absorber Layers from DMSO-Based Precursors: Enhanced Efficiency via Device Post-annealing**

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**Synthesis and characterization of polycrystalline GeS thin films for optoelectronic applications**

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**Thermal activation and pozzolanic reactivity of Estonian clays for cementitious applications**

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**Upscaling of toluene oxidation using water-sprinkled pulsed corona discharge and photocatalysis**

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