

**Densification of the eggshell powder by spark plasma sintering**

**Shukla, Riddhi; Rathinavelu, Sokkalingam; Kollo, Lauri; Prashanth, Konda Gokuldoss** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 56 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Development of band gap tuned CU<sub>2</sub>ZN(SN<sub>1</sub>–XGEX)S<sub>4</sub> monograin powders**

**Mengu, Idil; Grossberg-Kuusk, Maarja; Muska, Katri; Pilvet, Maris; Mikli, Valdek; Kaupmees, Reelika; Krustok, Jüri; Kauk-Kuusik, Marit** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 39 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Free vibration analysis of uniform and tapered timoshenko beam by higher-order haar wavelet method**

**Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 38 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Performance of TiO<sub>2</sub>:SM<sub>3</sub>+ based optical sensor embedded in cavitated polymer films**

**Tikk, Taavi; Lange, Sven; Paara, Tõnis; Eltermann, Marko; Krumme, Andres** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 62 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Persulfate contribution to photolytic and pulsed corona discharge oxidation of metformin and tramadol in water**

**Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 44 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Photocatalytic oxidation of VOCs AS individual air pollutants and in mixtures on the TiO<sub>2</sub> thin films**

**Sydorenko, Jekaterina; Mere, Arvo; Krunk, Malle; Kritševskaja, Marina; Oja Acik, Ilona** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 58 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Platinum-free oxygen electrocatalysts and alkaline fuel cell cathodes fabricated from peat**

**Teppor, Patrick; Jäger, Rutha; Paalo, Maarja; Härmas, Meelis; Adamso, Anu; Volobujeva, Olga; Aruväli, Jaan; Palm, Rasmus; Lust, Enn** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 61 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Utilisation of industrial alkaline solid residues to produce cement-free building materials**

**Usta, Mustafa Cem** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 66 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)