

## Aerated concrete microwave reflection and transmission properties in a wet environment

**Koppel, Tarmo;** Vilcane, Inese; Mironovs, Viktors; Shishkin, Andrei; Rubene, Sanita; **Tint, Piia** Vide. Tehnoloģija. Resursi : XI starptautiskas zinatniski praktiskas konferences materiāli 2017. gada 15.-17. junījs. 3. sejums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference. Volume III 2017 / p. 145-149 : ill  
<https://doi.org/10.17770/etr2017vol3.2619>

## Cavitation-dispersion method for copper cementation from wastewater by iron powder

Shishkin, Andrei; Mironovs, Viktors; Vu, Hong; Novak, Pavel; **Baroninš, Janis;** Polyakov, Alexandr; Ozolins, Jurijs Metals 2018 / art. 920, 11 p. : ill <https://doi.org/10.3390/met8110920> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Economic aspects of mechanical pre-treatment's role in precious metals recovery from electronic waste

Blumbergs, Ervins; Shishkin, Andrei; Markus, Karlis; Serga, Vera; **Goljandin, Dmitri;** **Klauson, Artur;** Abramovskis, Vitalijs; Baroninš, Janis; Zarkov, Aleksej; Pankratov, Vladimir Metals 2024 / art. 95 <https://doi.org/10.3390/met14010095>

## Economical aspects of the mechanical pre-treatment role in the precious metals recovery from electronic waste

Blumbergs, Ervins; Shishkin, Andrei; Markus, Karlis; Serga, Vera; **Goljandin, Dmitri;** **Klauson, Artur;** Abramovskis, Vitalijs; Baroninš, Janis; Zarkov, Aleksej; Pankratov, Vladimir Preprints.org 2023 / 19 p <https://doi.org/10.20944/preprints202312.2345.v1>

## Effect of fly-ash cenospheres on properties of clay-ceramic syntactic foams

Rugele, Kristine; Lehmhus, Dirk; **Hussainova, Irina;** Peculevica, Julite; Lissnanskis, Marks; Shishkin, Andrei Materials 2017 / art. 828, p. 1-17 : ill <https://doi.org/10.3390/ma10070828> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Effect of milling activation of dry components on properties of foamed cement mortar in a two-stage manufacturing process

Baroninš, Janis; Shishkin, Andrei; Lusis, Vitalijs; Giosue, Chiara; **Goljandin, Dmitri;** Novakova, Iveta; Kekez, Sofija; Korjakins, Aleksandrs; Gorelikovs, Dmitrijs; Gavrilovs, Pavels Case studies in construction materials 2025 / art. e04465 <https://doi.org/10.1016/j.cscm.2025.e04465>

## Hybrid syntactic foams of metal - fly ash cenosphere - clay

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## Intermediate and low radiofrequency electromagnetic field transmission properties in case of common building materials [Online resource]

**Koppel, Tarmo;** Shishkin, Andrei; Toropovs, Nikolajs; Haldre, Heldur; **Hussainova, Irina;** Mironovs, Viktors; **Tint, Piia** 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [6] p. : ill <https://doi.org/10.1109/RTUCON.2016.7763144>

## Investigation of Devulcanised Crumb Rubber Milling and Deagglomeration in Disintegrator System

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## Microwave reflectance and transmittance properties of conductive composite materials

Shishkin, Andrei; **Koppel, Tarmo;** Mironov, Viktor; **Hussainova, Irina;** **Locs, Janis;** Haldre, Heldur Energy procedia 2017 / p. 354-361 : ill <https://doi.org/10.1016/j.egypro.2017.04.006> Conference proceedings at Scopus Article at Scopus Article at WOS

## Microwave reflection and absorption properties of wet snow

**Koppel, Tarmo;** Haldre, Heldur; Shishkin, Andrei Riga Technical University 57th International Scientific Conference : "Scientific Conference on Economics and Entrepreneurship" (SCEE'2016) : proceedings 2016 / p. 170-171 : ill

## Pore distribution and water uptake in a cenosphere-cement paste composite material

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## Porous materials for EMI shielding

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## Reflection and transmission properties of common construction materials at 2.4 GHz frequency

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### **A review of porous lightweight composite materials for electromagnetic interference shielding**

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### **Salt water sprayed paper microwave attenuation in shielding workplaces**

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### **Selective disintegration-milling to obtain metal-rich particle fractions from E-waste**

Blumbergs, Ervins; Serga, Vera; Shishkin, Andrei; **Goljandin, Dmitri**; Shishko, Andrej; Zemcenkovs, Vjaceslavs; Markus, Karlis; Baroninš, Janis; Pankratov, Vladimir Metals 2022 / art. 1468, 15 p. : ill <https://doi.org/10.3390/met12091468> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Snow microwave reflection at mobile phone frequency bands**

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### **The effect of Zinc Oxide on DLP hybrid composite manufacturability and mechanical-chemical resistance**

Baroninš, Janis; **Antonov, Maksim**; Abramovskis, Vitalijs; Rautmane, Aija; Lapkovskis, Vjaceslavs; Bockovs, Ivans; Goel, Saurav; Kumar Thakur, Vijay; Shishkin, Andrei Polymers 2023 / art. 4679, p. 1-19 <https://doi.org/10.3390/polym15244679> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Vibration-assisted sputter coating of cenospheres : a new approach for realizing Cu-based metal matrix syntactic foams**

Shishkin, Andrei; **Drozdova, Maria**; Kozlov, Viktor; **Hussainova, Irina**; Lehmuus, Dirk Metals 2017 / art. 16, p. 1-10 : ill  
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