

### **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](#)

### **Comparison of mechanical and antibacterial properties of TiO<sub>2</sub>/Ag ceramics and Ti6Al4V-TiO<sub>2</sub>/Ag composite materials using combined SLM-SPS techniques**

Rahmani Ahranjani, Ramin; **Rosenberg, Merilin**; Ivask, Angela; Kollo, Lauri *Metals* 2019 / art. 874, 13 p. : ill <https://doi.org/10.3390/met9080874> [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>

### **Hydrogen effects in equiatomic CrFeNiMn alloy fabricated by laser powder bed fusion**

Yang, Xuan; Yagodzinsky, Yuriy; Ge, Yanling; Lu, Eryang; Lehtonen, Joonas; **Kollo, Lauri**; Hannula, Simo-Pekka *Metals* 2021 / art. 872 <https://doi.org/10.3390/met11060872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The interaction pathway in the mechano-ultrasonically assisted and carbon-nanotubes augmented nickel-aluminum system**

Nazaretyan, Khachik; Kirakosyan, Hasmik; **Volobujeva, Olga**; **Aydinyan, Sofiya** *Metals* 2022 / art. 436 <https://doi.org/10.3390/met12030436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Joint reduction of NiO/WO<sub>3</sub> pair and NiWO<sub>4</sub> by Mg + C combined reducer at high heating rates**

Zakaryan, Marieta; Nazaretyan, Khachik; **Aydinyan, Sofiya**; Kharatyan, Suren *Metals* 2021 / art. 1351, 13 p. : ill <https://doi.org/10.3390/met11091351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Kinetic highlights of the reduction of silver tungstate by Mg + C combined reducer**

Zakaryan, Marieta; Nazaretyan, Khachik; **Aydinyan, Sofiya**; Kharatyan, Suren *Metals* 2022 / art. 1000 <https://doi.org/10.3390/met12061000> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mechanical and tribological behavior of gravity and squeeze cast novel Al-Si alloy**

Chandra, Vadlamudi Srinivasa; Sivaprasad, Katakam; Dhanasekaran, Subramaniam; **Prashanth, Konda Gokuldoss** *Metals* 2022 / art. 194 <https://doi.org/10.3390/met12020194>

### **Mechanical properties and microstructural evolution of Ti-25Nb-6Zr alloy fabricated by spark plasma sintering at different temperatures**

Zhu, Qing; Chen, Peng; Xiao, Qiushuo; Li, Fengxian; Yi, Jianhong; **Prashanth, Konda Gokuldoss**; Eckert, Jürgen *Metals* 2022 / art. 1824 <https://doi.org/10.3390/met12111824> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Microstructure, mechanical properties, and corrosion behavior of 06Cr15Ni4CuMo processed by using selective laser melting**

Maya, Jayaraman; Sivaprasad, Katakam; Kumar, Guttula Venkata Sarath; Baitimerov, Rustam; Lykov, Pavel; **Prashanth, Konda Gokuldoss** *Metals* 2022 / art. 1303 <https://doi.org/10.3390/met12081303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Phase formation, microstructure and mechanical properties of Mg<sub>67</sub>Ag<sub>33</sub> as potential biomaterial**

Kosiba, Konrad; **Prashanth, Konda Gokuldoss**; Scudino, Sergio *Metals* 2021 / art. 461, 10 p. : ill <https://doi.org/10.3390/met11030461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Tungsten matrix composite reinforced with CoCrFeMnNi high-entropy alloy : impact of processing routes on microstructure and mechanical properties**

Satyanarayana, P. V.; Sockalingam, Rathinavelu; Jena, P. K.; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** *Metals* 2019 / art. 992, 12 p. : ill <https://doi.org/10.3390/met9090992> [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**; Lehmus, Dirk *Metals* 2017 / art. 16, p. 1-10 : ill <http://dx.doi.org/10.3390/met7010016>