

### **Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites**

Umalas, Madis; **Hussainova, Irina**; Reedo, Valter; **Yung, Der-Liang** Materials chemistry and physics 2015 / p. 301-306 : ill  
<http://dx.doi.org/10.1016/j.matchemphys.2015.01.017>

### **A novel pathway of solution combustion synthesis of silicon carbide and SiC based composite whiskers**

Kirakosyan, Hasmik; Nazaretyan, Khachik; Amirkhanyan, Narine; Beglaryan, Hayk; **Aydinyan, Sofiya** Modern materials and manufacturing 2023 2024 / art. 040009 <https://doi.org/10.1063/5.0189204>

### **Reactive sintering of zirconium carbide based systems**

Yung, Der-Liang; **Kollo, Lauri**; **Hussainova, Irina**; Zikin, Arkadi Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 783-788 : ill

### **Selective laser melting of TiC-Fe using pulse shaping : microstructure and mechanical properties**

**Maurya, Himanshu Singh**; **Kollo, Lauri**; **Tarraste, Marek**; **Juhani, Kristjan**; **Sergejev, Fjodor**; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2023 / p. 640-649 <https://doi.org/10.1089/3dp.2021.0221>