

Juliusz Dąbrowa
Lista publikacji

Publikacje w czasopismach

1. Dąbrowa, J., Stygar, M., Mikuła, A., Knapik, A., Mroczka, K., Tejchman, W., Danielewski, M., Martin, M. (2018). Synthesis and microstructure of the (Co, Cr, Fe, Mn, Ni) 3O4 high entropy oxide characterized by spinel structure. *Materials Letters*, 216, 32-36.
2. Dąbrowa, J., Kucza, W., Cieślak, G., Kulik, T., Danielewski, M., Yeh, J. W. (2016). Interdiffusion in the FCC-structured Al-Co-Cr-Fe-Ni high entropy alloys: experimental studies and numerical simulations. *Journal of Alloys and Compounds*, 674, 455-462.
3. Dąbrowa, J., Zajusz, M., Kucza, W., Cieślak, G., Berent, K., Czeppe, T., Kulik, T., Danielewski, M. (2019). Demystifying the sluggish diffusion effect in high entropy alloys. *Journal of Alloys and Compounds*, 783, 193-207.
4. Kucza, W., Dąbrowa, J., Cieślak, G., Berent, K., Kulik, T., Danielewski, M. (2018). Studies of “sluggish diffusion” effect in Co-Cr-Fe-Mn-Ni, Co-Cr-Fe-Ni and Co-Fe-Mn-Ni high entropy alloys; determination of tracer diffusivities by combinatorial approach. *Journal of Alloys and Compounds*, 731, 920-928.
5. Dąbrowa, J., Cieślak, G., Stygar, M., Mroczka, K., Berent, K., Kulik, T., Danielewski, M. (2017). Influence of Cu content on high temperature oxidation behavior of AlCoCrCu_xFeNi high entropy alloys (x= 0; 0.5; 1). *Intermetallics*, 84, 52-61.