

Theme 3-5: Advanced and Functional Materials - 2022

Title	Authors	Scopus Source title	Volume	Issue	Pages	Publication type
Corrosion behavior of CoCrNi/mild steel medium entropy alloy thin films	Mohamed, O. Hassan, M. Egilmez, M. Abuzaid, W. Ibrahim, T. Khamis, M.	Materials Today Communications	30	-	-	Article
Corrosion behavior of CoCrNi/mild steel medium entropy alloy thin films	Mohamed, O. Hassan, M. Egilmez, M. Abuzaid, W. Ibrahim, T. Khamis, M.	Materials Today Communications	30	-	-	Article
Deformation Rate and Temperature Sensitivity in TWIP/TRIP VCrFeCoNi Multi-Principal Element Alloy	El Batal, O. Abuzaid, W. Egilmez, M. Alkhader, M. Patriarca, L. Casati, R.	Metals	12	9	-	Article
Experimental analysis of high-temperature shape memory polymers for deployable structures	ElMaoud, M. Abuzaid, W. Alkhader, M.	Polymer	248	-	-	Article
Magnetic properties and non-fermi liquid behaviour in mechanically alloyed FeCu	Awadhi, M.A. Egilmez, M. Abuzaid, W. Alami, A.H.	Journal of Alloys and Compounds	890	-	-	Article
Dynamic compressive response of coated open-cell aluminum foam	Al Osman, O. Alkhader, M. Abuzaid, W.	2022 Advances in Science and Engineering Technology International Conferences, ASET 2022	-	-	-	Conference Paper
Stabilization of the ferromagnetic state in CoCrNi medium entropy alloy thin films	Mohamed, O. Egilmez, M. Abuzaid, W.	Applied Physics A: Materials Science and Processing	128	3	-	Article