Tiberiu Stan

List of Publications by Year
in descending order

7 papers	123 citations	1684188 5 h-index	1872680 6 g-index
7 all docs	7 docs citations	7 times ranked	182 citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing convolutional neural networks to perform semantic segmentation on large materials imaging datasets: X-ray tomography and serial sectioning. Materials Characterization, 2020, 160, 110119.	4.4	52
2	Characterization of polyhedral nano-oxides and helium bubbles in an annealed nanostructured ferritic alloy. Acta Materialia, 2020, 183, 484-492.	7.9	23
3	Nano-Oxide Dispersion-Strengthened Steels. , 2019, , 529-583.		13
4	Segmentation of experimental datasets via convolutional neural networks trained on phase field simulations. Acta Materialia, 2021, 214, 116990.	7.9	13
5	Fabrication and Characterization of Naturally Selected Epitaxial Fe-{111} Y2Ti2O7 Mesoscopic Interfaces: Some Potential Implications to Nano-Oxide Dispersion-Strengthened Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 4505-4512.	2.2	12
6	Coarsening of dendrites in solution-based freeze-cast ceramic systems. Acta Materialia, 2021, 215, 117039.	7.9	6
7	X-ray absorption spectroscopy characterization of embedded and extracted nano-oxides. Journal of Alloys and Compounds, 2017, 699, 1030-1035.	5.5	4