

# Tiberiu Stan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10903353/publications.pdf>

Version: 2024-02-01

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	Coarsening of dendrites in solution-based freeze-cast ceramic systems. Acta Materialia, 2021, 215, 117039.	7.9	6
2	Segmentation of experimental datasets via convolutional neural networks trained on phase field simulations. Acta Materialia, 2021, 214, 116990.	7.9	13
3	Characterization of polyhedral nano-oxides and helium bubbles in an annealed nanostructured ferritic alloy. Acta Materialia, 2020, 183, 484-492.	7.9	23
4	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
5	Nano-Oxide Dispersion-Strengthened Steels. , 2019, , 529-583.		13
6	X-ray absorption spectroscopy characterization of embedded and extracted nano-oxides. Journal of Alloys and Compounds, 2017, 699, 1030-1035.	5.5	4
7	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