

# Luiz Carneiro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9795975/publications.pdf>

Version: 2024-02-01

8  
papers

210  
citations

1478280

6  
h-index

1588896

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic deformation and fatigue behavior of additively manufactured 17â€“4 PH stainless steel. International Journal of Fatigue, 2019, 123, 22-30.	2.8	96
2	Cyclic deformation and fatigue behavior of 316L stainless steel processed by surface mechanical rolling treatment. International Journal of Fatigue, 2020, 134, 105469.	2.8	43
3	Twinning in rolled AZ31B magnesium alloy under free-end torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 801, 140405.	2.6	19
4	Twinning characteristics in rolled AZ31B magnesium alloy under three stress states. Materials Characterization, 2021, 175, 111050.	1.9	19
5	Towards an instant structure-property prediction quality control tool for additive manufactured steel using a crystal plasticity trained deep learning surrogate. Materials and Design, 2022, 213, 110345.	3.3	11
6	An experimental study of the mechanical behavior of rolled AZ31B magnesium alloy under combined axial-torsion loading. International Journal of Plasticity, 2022, 155, 103319.	4.1	9
7	Evaluation of elastic-viscoplastic self-consistent models for a rolled AZ31B magnesium alloy under monotonic loading along five different material orientations and free-end torsion. Journal of Magnesium and Alloys, 2023, 11, 1264-1275.	5.5	8
8	On the formation of $\langle 110 \rangle$ boundary via $\langle 100 \rangle$ boundary. Computational Materials Science, 2022, 201, 110887.	1.4	5