

# Minghao Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/25771/publications.pdf>

Version: 2024-02-01

12  
papers

151  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	A generic high-throughput microstructure classification and quantification method for regular SEM images of complex steel microstructures combining EBSD labeling and deep learning. Journal of Materials Science and Technology, 2021, 93, 191-204.	10.7	33
2	Characteristics of nucleation and transformation sequence in deformation-induced martensitic transformation. Materials Characterization, 2020, 163, 110234.	4.4	28
3	EBSD investigation of the crystallographic features of deformation-induced martensite in stainless steel. Journal of Materials Science and Technology, 2021, 69, 148-155.	10.7	17
4	Role of martensitic transformation sequences on deformation-induced martensitic transformation at high strain rates: A quasi in-situ study. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 831, 142319.	5.6	15
5	Dual band metamaterial absorber: Combination of plasmon and Mie resonances. Journal of Materials Science and Technology, 2020, 53, 37-40.	10.7	14
6	Characterization of deformation-induced martensite with various AGSs upon Charpy impact loading and correlation with transformation mechanisms. Materials Characterization, 2022, 184, 111704.	4.4	12
7	Influence of DIMT on impact toughness: Relationship between crack propagation and the $\epsilon$ -martensite morphology in austenitic steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 844, 143191.	5.6	11
8	Improvement of Microstructure and Wear Property of Al-Bi Alloys by Nd Addition. Jom, 2018, 70, 1344-1348.	1.9	9
9	Numerical Simulation of Droplets Behavior of Cu-Pb Immiscible Alloys Solidifying under Magnetic Field. Materials, 2017, 10, 1005.	2.9	4
10	Effect of rare-earth elements on microstructure and mechanical properties of in-situ Fe-TiB <sub>2</sub> composites. Materials Today Communications, 2021, 29, 102860.	1.9	4
11	Effect of Ce Addition on the As-Cast and As-Forged Microstructure of Fe-TiB <sub>2</sub> Composites. Jom, 2019, 71, 4144-4152.	1.9	3
12	Twin Instability and Its Effect on the Dislocation Behavior of UFG Austenitic Steel Under Charpy Impact Test. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 1921-1927.	2.2	1