

David Mayweg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9697380/publications.pdf>

Version: 2024-02-01

10
papers

215
citations

1162889

8
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of carbon in the white etching crack phenomenon in bearing steels. Acta Materialia, 2021, 203, 116480.	3.8	22
2	Microstructure and deformation behavior of two TWIP/TRIP high entropy alloys upon grain refinement. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 802, 140661.	2.6	30
3	Grain refinement of Fe-Ti alloys fabricated by laser powder bed fusion. Materials and Design, 2021, 204, 109665.	3.3	26
4	Correlation between grain size and carbon content in white etching areas in bearings. Acta Materialia, 2021, 215, 117048.	3.8	13
5	Under-stoichiometric cementite in decomposing binary Fe-C pearlite exposed to rolling contact fatigue. Acta Materialia, 2021, 216, 117144.	3.8	21
6	Ultrastructural changes of bovine tooth surfaces under erosion in presence of biomimetic hydroxyapatite. Bioinspired, Biomimetic and Nanobiomaterials, 2021, 10, 132-145.	0.7	10
7	Moving cracks form white etching areas during rolling contact fatigue in bearings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 771, 138659.	2.6	38
8	Mechanism of cementite decomposition in 100Cr6 bearing steels during high pressure torsion. Acta Materialia, 2020, 201, 79-93.	3.8	36
9	Metallic Implants: Atomic Scale Origin of Metal Ion Release from Hip Implant Taper Junctions (Adv. Sci.) Tj ETQq1 1 0,784314,rgBT /O	5.6	18
10	Atomic Scale Origin of Metal Ion Release from Hip Implant Taper Junctions. Advanced Science, 2020, 7, 1903008.	5.6	18