

Wei Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8303751/publications.pdf>

Version: 2024-02-01

12
papers

103
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	High temperature deformation behavior and constitutive modeling for 20CrMnTiH steel. Materials & Design, 2014, 57, 465-471.	5.1	24
2	Failure analysis of a secondary driving helical gear in transmission of electric vehicle. Engineering Failure Analysis, 2020, 117, 104934.	4.0	24
3	Finite element analysis and simulation for cold precision forging of a helical gear. Journal of Central South University, 2012, 19, 3369-3377.	3.0	21
4	Constitutive modelling of flow 'behaviour of 20CrMnTiH steel. Ironmaking and Steelmaking, 2015, 42, 481-488.	2.1	12
5	Hot Deformation Characteristics and Processing Map of FV520B Martensitic Precipitation-Hardened Stainless Steel. Journal of Materials Engineering and Performance, 2019, 28, 2281-2291.	2.5	6
6	Effect of Relief-hole Diameter on Die Elastic Deformation during Cold Precision Forging of Helical Gears. Procedia Engineering, 2017, 207, 627-632.	1.2	5
7	Hot workability analysis and processing parameters optimisation for 20CrMnTiH steel by combining processing map with microstructure. Ironmaking and Steelmaking, 2018, 45, 317-324.	2.1	4
8	Microstructure Analysis and Segmented Constitutive Model for Ni-Cr-Co-Based Superalloy during Hot Deformation. Metals, 2022, 12, 357.	2.3	3
9	Microstructure and Vickers-hardness of 20CrMnTiH steel during hot compression testing. Ironmaking and Steelmaking, 2018, 45, 537-543.	2.1	2
10	Process Parameters Optimisation for Helical Gears Precision Forging with Damage Minimization. , 2010, , .		1
11	Effect of relief-hole diameter on microstructure evolution of 20CrMnTiH steel during hot upsetting. Procedia Manufacturing, 2018, 15, 388-395.	1.9	1
12	Deformation Characteristics and Microstructure Analysis of Aluminum Alloy Component with Complex Shape by Cold Orbital Forming. Metals, 2021, 11, 808.	2.3	0