

Haitao Gao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

282
citations

933447

10
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Crushing analysis and crashworthiness optimization of tailor rolled tubes with variation of thickness and material properties. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 67-84.	6.7	46
2	Recent Development on Theory and Application of Variable Gauge Rolling, a Review. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 483-493.	2.9	29
3	Microstructural evolution and mechanical properties of low-carbon steel treated by a two-step quenching and partitioning process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 640, 137-146.	5.6	27
4	Influence of Nb, V and Ti on peak strain of deformed austenite in Mo-based micro-alloyed steels. <i>Journal of Materials Processing Technology</i> , 2002, 125-126, 72-76.	6.3	23
5	Graphene-wrapped MnCO ₃ /Mn ₃ O ₄ nanocomposite as an advanced anode material for lithium-ion batteries: Synergistic effect and electrochemical performances. <i>Journal of Materials Science and Technology</i> , 2022, 99, 9-17.	10.7	22
6	Size Effect on Mechanical Properties and Texture of Pure Copper Foil by Cold Rolling. <i>Materials</i> , 2017, 10, 538.	2.9	17
7	Effect of Coiling Temperature on Microstructure, Properties and Resistance to Fish-Scaling of Hot Rolled Enamel Steel. <i>Materials</i> , 2017, 10, 1012.	2.9	14
8	Annealing of HC340LA tailor rolled blanks—Control of mechanical properties and formability. <i>Journal of Materials Processing Technology</i> , 2020, 281, 116581.	6.3	14
9	Experiment and simulation for the crushing of tailor rolled tubes with various geometric parameters. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 371-395.	6.7	13
10	Study on the relationship between asymmetrical rolling deformation zone configuration and rolling parameters. <i>International Journal of Mechanical Sciences</i> , 2020, 187, 105905.	6.7	11
11	Measurements of Temperature Distribution for High Temperature Steel Plates Based on Digital Image Correlation. <i>Materials</i> , 2019, 12, 3322.	2.9	10
12	A review on the rolling technology of shape flat products. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 4507-4518.	3.0	9
13	A Tensile Specimen of Tailor Rolled Blanks with Equal Probability in Yield and Its Mechanical Behavior Analysis. <i>Materials</i> , 2018, 11, 693.	2.9	8
14	Study on asymmetrical cold rolling considered sticking friction. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14131-14141.	5.8	8
15	Simulation of springback variation in the U-bending of tailor rolled blanks. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 4633-4647.	1.6	7
16	Experiment and analytical model based on slab method for drawing process of core filled tube. <i>International Journal of Mechanical Sciences</i> , 2020, 165, 105152.	6.7	7
17	High performance low cost steels with ultrafine grained and multi-phased microstructure. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 2245-2254.	0.9	6
18	Strengthening effect of reduced graphene oxide in steel clad copper rod. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Softening Effect on Fracture Stress of Pure Copper Processed by Asynchronous Foil Rolling. <i>Materials</i> , 2019, 12, 2319.	2.9	4
20	Influence of boron addition on microstructure and properties of a low-carbon cold rolled enamel steel. <i>Procedia Engineering</i> , 2017, 207, 1833-1838.	1.2	3