Marianthi Bouzouni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1073311/publications.pdf

Version: 2024-02-01

17 papers	107 citations	1478505 6 h-index	1372567 10 g-index
17 all docs	17 docs citations	17 times ranked	71 citing authors

#	Article	IF	Citations
1	Study of Carbide Dissolution and Austenite Formation during Ultraâ€“Fast Heating in Medium Carbon Chromium Molybdenum Steel. Metals, 2018, 8, 646.	2.3	24
2	Theoretical Study of Particle Dissolution during Homogenization in Cuâ€“Feâ€“P Alloy. Metals, 2018, 8, 455.	2.3	17
3	Effect of Ultra-Fast Heat Treatment on the Subsequent Formation of Mixed Martensitic/Bainitic Microstructure with Carbides in a CrMo Medium Carbon Steel. Metals, 2019, 9, 312.	2.3	16
4	Phase Field Simulation of AA6XXX Aluminium Alloys Heat Treatment. Metals, 2021, 11, 241.	2.3	10
5	Modeling of the Steel Microstructure Gained after the Application of an Ultra-Fast Heat Treatment. Journal of Nanoscience With Advanced Technology, 2017, 2, 15-19.	0.8	8
6	The formation of a mixed martensitic/bainitic microstructure and the retainment of austenite in a medium-carbon steel during ultra-fast heating. Materials Today Communications, 2021, 26, 101994.	1.9	6
7	Microstructure, Phase Formation and Heat-Treating of Novel Cast Al-Mg-Zn-Cu-Si Lightweight Complex Concentrated Aluminum Based Alloy. Materials, 2022, 15, 3169.	2.9	6
8	Preliminary Study of Carbide Dissolution during an Ultra-Fast Heat Treatment in Chromium Molybdenum Steel. International Journal of Metallurgy and Metal Physics, 2017, 2, 1-7.	0.3	5
9	Ultrafast Heating and Initial Microstructure Effect on Phase Transformation Evolution of a CrMo Steel. Metals, 2019, 9, 72.	2.3	3
10	Failure and fracture analysis of a high-alloy Ni-Al bronze chain connector of a tube drawing machine. Engineering Failure Analysis, 2020, 110, 104432.	4.0	3
11	Simulation and characterisation of the microstructure of ultra-fast heated dual-phase steel. Materials Science and Technology, 2020, 36, 1282-1291.	1.6	3
12	Modeling the microstructure evolution during quenching & partitioning of a conventional CrMo alloy steel. Computational Materials Science, 2022, 206, 111265.	3.0	3
13	Development of Complex Concentrated Alloys (CCAs) Utilizing Scrap to Preserve Critical Raw Materials. Materials Proceedings, 2021, 5, 5109.	0.2	2
14	Modeling of Crucial Process Parameters for the Continuous Improvement of Special Steels at the Stomana Plant. Journal of Materials Engineering and Performance, 2018, 27, 5130-5135.	2.5	1
15	Hydrogen Induced Crack Development in Submerged Arc Welded Steel Pipes. MATEC Web of Conferences, 2018, 188, 04010.	0.2	0
16	How to Design the Utilization of Larger Scrap Share in Aluminum Production. Materials Proceedings, 2021, 5, 43.	0.2	0
17	Opportunities of AI and ICME in Metals Recycling, Production and Processing. Materials Proceedings, 2021, 5, .	0.2	0