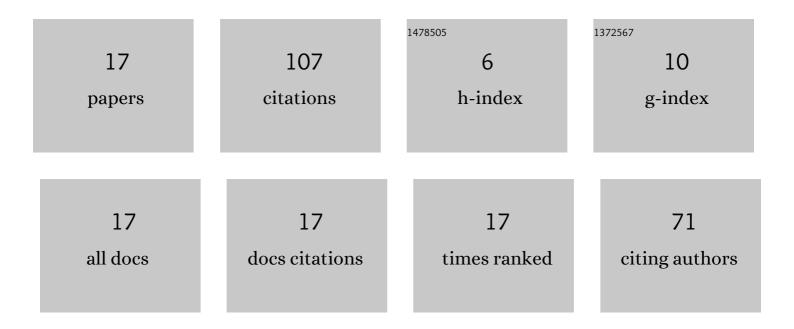
Marianthi Bouzouni

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling the microstructure evolution during quenching & partitioning of a conventional CrMo alloy steel. Computational Materials Science, 2022, 206, 111265.	3.0	3
2	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
3	Phase Field Simulation of AA6XXX Aluminium Alloys Heat Treatment. Metals, 2021, 11, 241.	2.3	10
4	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
5	How to Design the Utilization of Larger Scrap Share in Aluminum Production. Materials Proceedings, 2021, 5, 43.	0.2	0
6	Opportunities of AI and ICME in Metals Recycling, Production and Processing. Materials Proceedings, 2021, 5, .	0.2	0
7	Development of Complex Concentrated Alloys (CCAs) Utilizing Scrap to Preserve Critical Raw Materials. Materials Proceedings, 2021, 5, 5109.	0.2	2
8	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
9	Simulation and characterisation of the microstructure of ultra-fast heated dual-phase steel. Materials Science and Technology, 2020, 36, 1282-1291.	1.6	3
10	Ultrafast Heating and Initial Microstructure Effect on Phase Transformation Evolution of a CrMo Steel. Metals, 2019, 9, 72.	2.3	3
11	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
12	Hydrogen Induced Crack Development in Submerged Arc Welded Steel Pipes. MATEC Web of Conferences, 2018, 188, 04010.	0.2	0
13	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
14	Theoretical Study of Particle Dissolution during Homogenization in Cu–Fe–P Alloy. Metals, 2018, 8, 455.	2.3	17
15	Study of Carbide Dissolution and Austenite Formation during Ultra–Fast Heating in Medium Carbon Chromium Molybdenum Steel. Metals, 2018, 8, 646.	2.3	24
16	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
17	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