

Michael Reich

List of Publications by Year in descending order

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12
papers

110
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation of a new platelet phase during the quenching of an Al-Zn-Mg-Cu alloy. Scientific Reports, 2016, 6, 23109.	3.3	31
2	Influence of Solution-Annealing Parameters on the Continuous Cooling Precipitation of Aluminum Alloy 6082. Metals, 2018, 8, 265.	2.3	14
3	Influence of short-term heat treatment on the microstructure and mechanical properties of EN AW-6060 T4 extrusion profiles: Part A. Production Engineering, 2016, 10, 383-389.	2.3	13
4	Quenching Simulation of Aluminum Alloys Including Mechanical Properties of the Undercooled States. Materials Performance and Characterization, 2012, 1, 104632.	0.3	10
5	Scanning Rate Extension of Conventional DSCs through Indirect Measurements. Materials, 2019, 12, 1085.	2.9	9
6	Influence of short-term heat treatment on the microstructure and mechanical properties of EN AW-6060 T4 extrusion profilesâ€”Part B. Production Engineering, 2016, 10, 391-398.	2.3	8
7	Development of Precipitation Hardening Parameters for High Strength Alloy AA 7068. Materials, 2020, 13, 918.	2.9	7
8	Combined Calorimetry, Thermo-Mechanical Analysis and Tensile Test on Welded EN AW-6082 Joints. Materials, 2018, 11, 1396.	2.9	6
9	A Phenomenological Mechanical Material Model for Precipitation Hardening Aluminium Alloys. Metals, 2019, 9, 1165.	2.3	5
10	In-situ analysis of continuous cooling precipitation in Al alloys by wide-angle X-ray scattering. Science and Technology of Advanced Materials, 2020, 21, 205-218.	6.1	3
11	In situ high-energy X-ray diffraction of precipitation and dissolution reactions during heating of Al alloys. Journal of Materials Science, 2021, 56, 19697-19708.	3.7	2
12	Advanced Dilatometry and Calorimetry for the Validation of Materials Mechanical and Transformation Models. , 0, , 177-182.		2