Michael Reich

List of Publications by Year
in descending order

12	110	1478505 6	1281871 11
papers	citations	h-index	g-index

13	13	13	118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Development of Precipitation Hardening Parameters for High Strength Alloy AA 7068. Materials, 2020, 13, 918.	2.9	7
3	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
4	Scanning Rate Extension of Conventional DSCs through Indirect Measurements. Materials, 2019, 12, 1085.	2.9	9
5	A Phenomenological Mechanical Material Model for Precipitation Hardening Aluminium Alloys. Metals, 2019, 9, 1165.	2.3	5
6	Influence of Solution-Annealing Parameters on the Continuous Cooling Precipitation of Aluminum Alloy 6082. Metals, 2018, 8, 265.	2.3	14
7	Combined Calorimetry, Thermo-Mechanical Analysis and Tensile Test on Welded EN AW-6082 Joints. Materials, 2018, 11, 1396.	2.9	6
8	Precipitation of a new platelet phase during the quenching of an Al-Zn-Mg-Cu alloy. Scientific Reports, 2016, 6, 23109.	3.3	31
9	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
10	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
11	Quenching Simulation of Aluminum Alloys Including Mechanical Properties of the Undercooled States. Materials Performance and Characterization, 2012, 1, 104632.	0.3	10
12	Advanced Dilatometry and Calorimetry for the Validation of Materials Mechanical and Transformation Models. , 0, , 177-182.		2