

Alexander Schmiedel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tailoring Nonmetallic Inclusions in 42CrMo4 as a Preparative Tool for Active and Reactive Steel Melt Filtration. <i>Advanced Engineering Materials</i> , 2022, 24, 2100640.	3.5	8
2	Fatigue of carburised CrNiMo steel: Testing and modelling concept. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 788-804.	3.4	5
3	The fatigue life of 42CrMo4 steel in the range of HCF to VHCF at elevated temperatures up to 773 K. <i>International Journal of Fatigue</i> , 2021, 152, 106437.	5.7	3
4	Very High Cycle Fatigue Investigations on the Fatigue Strength of Additive Manufactured and Conventionally Wrought Inconel 718 at 873 K. <i>Metals</i> , 2021, 11, 1682.	2.3	9
5	Influence of the local degree of deformation on the temperature dependent fatigue behaviour of a ferritic-pearlitic steel. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2786-2799.	3.4	0
6	Ultrasonic fatigue testing of cast steel G42CrMo4 at elevated temperatures. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2455-2475.	3.4	11