Jan Kohout

List of Publications by Year in descending order

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1 The Role of Hydrostatic Pressure in Severe Plastic Deformation. Advanced Engineering Materials, 2003, 2003, 337. 9.5 2 A new function for faigue curves characterization and its multiple merits. International journal of faigue curves characterization and its multiple merits. International journal of faigue curves characterization and its multiple merits. International journal of faigue curves characterization and its multiple merits. International journal of faigue curves faigue curves. Faigue and Facture of Engineering 5.5 3 Plastic deformation of nickel under high hydrostatic pressure. Journal of Alloys and Compounds, 2021, 26, 7162. 8.8 4 Modified Arrhenius Equation in Materials Science, Chemistry and Biology. Molecules, 2021, 26, 7162. 8.8 5 Temperature dependence of stress-lifetime fatigue curves. Fatigue and Fracture of Engineering 3.4 6 An alternative to the IMAK equation for a better description of phase transformation kinetics. Journal of Materials Science, 2008, 43, 1334-1339. 5.6 7 A simple relation for desistion of gray and nodular cast irons from Hooke's law. Materials Science 3.000, 313, 16-23. 5.6 8 Answ function describing fatigue crack growth curves. International Journal of Materials 3.7 5.7 9 Strength changes of moulded polyamide composite caused by thermal oxidation. Journal of Materials 5.0 5.6 10 Modelling of changes in properties of alloys at elevated temperatures. Materials Sc	CITATIONS
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18The Optimization of the Isothermal Transformation Dwell of the ADI Obtained at Transformation Temperature of 380 °C. Materials Science Forum, 2008, 567-568, 337-340.0.3	0

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19	Simple and Precise Description of the Transformation Kinetics and Final Structure of Dual Phase Steels. Materials, 2021, 14, 1781.	2.9	0
20	Mutual Reciprocal Interconnection of Relations Describing Creep, Yield Stress and Stress Relaxation. Communications - Scientific Letters of the University of Zilina, 2010, 12, 40-44.	0.6	0