

Zoubeir Tourki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7688083/publications.pdf>

Version: 2024-02-01

19
papers

89
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	A micro-macro constitutive model for strain-induced molecular ordering in biopolymers: Application to polylactide over a wide range of temperatures. International Journal of Plasticity, 2019, 123, 38-55.	8.8	16
2	Optimization of processing parameters and surface roughness of metallic sheets plastically deformed by incremental forming process. International Journal of Advanced Manufacturing Technology, 2019, 102, 977-990.	3.0	14
3	Effect of generatrix profile on single-point incremental forming parameters. International Journal of Advanced Manufacturing Technology, 2017, 93, 2505-2516.	3.0	12
4	Strain-induced phase transformation in poly(lactic acid) across the glass transition: Constitutive model and identification. International Journal of Non-Linear Mechanics, 2020, 118, 103241.	2.6	10
5	Microstructural effect on the thermomechanical behavior of aged Ni-rich NiTi SMA. Materials Research Express, 2019, 6, 1165c7.	1.6	7
6	Performance comparison of a structured bed reactor with and without a chimney tray on the gas-flow maldistribution: A computational fluid dynamics study. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2020, 234, 83-97.	2.5	7
7	Relation between stress and segmental orientation during mechanical cycling of a natural rubber-based compound. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 943-950.	2.1	6
8	On the Modelling of the Transient Flow Behavior of Metallic Glasses: Analogy with Portevin-Le Chatelier Effect. Metals, 2016, 6, 48.	2.3	4
9	DSC Investigation on Entropy and Enthalpy Changes in Ni-Rich NiTi Shape Memory Alloy at Various Cooling/Heating Rates. Lecture Notes in Mechanical Engineering, 2018, , 631-639.	0.4	4
10	CFD simulation of multicomponent mixture within a packed Deethanizer column. Heat and Mass Transfer, 2019, 55, 2605-2622.	2.1	4
11	On the interaction between transformation induced plasticity and the austenitic stainless steel anisotropy (AISI 304) under shear loading path. Materials & Design, 2011, 32, 3765-3771.	5.1	2
12	On a new electromechanical switch using the reversible wavy elastic response of metallic glass ribbons. Comptes Rendus - Mecanique, 2017, 345, 797-804.	2.1	1
13	Constitutive modelling of wavy elastic response of metallic glass ribbon. Philosophical Magazine Letters, 2019, 99, 414-423.	1.2	1
14	Plastic Strain Induced Martensite in a Type 304 Austenitic Stainless Steel. Modelling and Numerical Simulation of Deep Drawing Processes. International Journal of Forming Processes, 2005, 8, 201-226.	0.3	1
15	Pressure drop in one stage and two-stages of packed columns. , 2018, , .		0
16	The Relation Between R Phase Presence Level and Stress-Temperature Diagram of an Aged NiTi Shape Memory Alloy. Lecture Notes in Mechanical Engineering, 2019, , 177-185.	0.4	0
17	On the NiTi SMA Thermal Behavior at Various Heat Treatment Conditions. Lecture Notes in Mechanical Engineering, 2018, , 641-647.	0.4	0
18	Effect of Cylindrical Particle Orientation on the Flow and Temperature Distribution. Lecture Notes in Mechanical Engineering, 2020, , 173-182.	0.4	0

#	ARTICLE	IF	CITATIONS
19	A new Sauter mean diameter correlation suited for the gas cross flow in packed bed reactors based on PSO optimization algorithm. Separation Science and Technology, 0, , 1-24.	2.5	0