

# Zoubeir Tourki

## List of Publications by Year in descending order

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

#	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