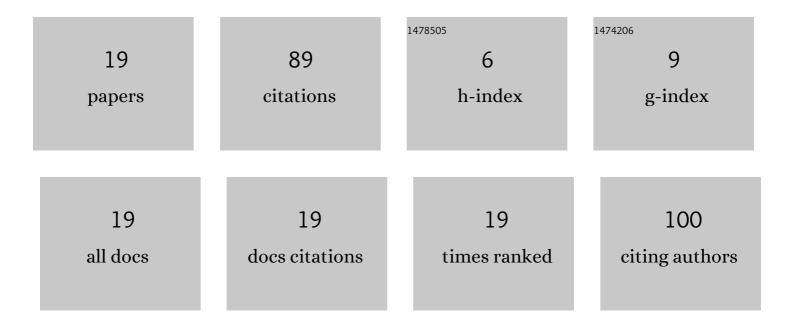
Zoubeir Tourki

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7688083/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Effect of Cylindrical Particle Orientation on the Flow and Temperature Distribution. Lecture Notes in Mechanical Engineering, 2020, , 173-182. | 0.4 | Ο |
| 4 | 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 |
| 5 | Microstructural effect on the thermomechanical behavior of aged Ni-rich NiTi SMA. Materials Research Express, 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. Lecture Notes in Mechanical Engineering, 2019, , 177-185. | 0.4 | 0 |
| 7 | CFD simulation of multicomponent mixture within a packed Deethanizer column. Heat and Mass Transfer, 2019, 55, 2605-2622. | 2.1 | 4 |
| 8 | Constitutive modelling of wavy elastic response of metallic glass ribbon. Philosophical Magazine Letters, 2019, 99, 414-423. | 1.2 | 1 |
| 9 | 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 |
| 10 | 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 |
| 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. Lecture Notes in Mechanical Engineering, 2018, , 641-647. | 0.4 | 0 |
| 13 | 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 |
| 14 | Effect of generatrix profile on single-point incremental forming parameters. International Journal of Advanced Manufacturing Technology, 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. Metals, 2016, 6, 48. | 2.3 | 4 |
| 16 | Relation between stress and segmental orientation during mechanical cycling of a natural rubberâ€based compound. Journal of Polymer Science, Part B: Polymer Physics, 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. Materials & Design, 2011, 32, 3765-3771. | 5.1 | 2 |
| 18 | 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 |

| # | 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 |