

# Lakhdar Sedira

## List of Publications by Year in descending order

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13  
papers

124  
citations

1478505

6  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

156  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A six-node prismatic solid finite element for geometric nonlinear problems in elasticity. <i>Mathematics and Computers in Simulation</i> , 2021, 182, 143-164.  | 4.4 | 0         |
| 2  | Elastoplastic analysis of plane structures using improved membrane finite element with rotational DOFs: Elastoplastic analysis of plane structures. <i>Frattura Ed Integrita Strutturale</i> , 2020, 14, 148-162. | 0.9 | 1         |
| 3  | A nonlinear elasto-plastic analysis of Reissner-Mindlin plates by finite element method. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 276-285.  | 0.9 | 2         |
| 4  | An Eight-Node Hexahedral Finite Element with Rotational DOFs for Elastoplastic Applications. <i>Acta Universitatis Sapientiae Electrical and Mechanical Engineering</i> , 2019, 11, 54-66.                        | 0.5 | 1         |
| 5  | A Four-Node Tetrahedral Finite Element Based on Space Fiber Rotation Concept. <i>Acta Universitatis Sapientiae Electrical and Mechanical Engineering</i> , 2019, 11, 67-78.                                       | 0.5 | 2         |
| 6  | Characterization of new composite material based on date palm leaflets and expanded polystyrene wastes. <i>Construction and Building Materials</i> , 2018, 164, 410-418.  | 7.2 | 69        |
| 7  | Transient numerical model for predicting operating temperatures of solar adsorption refrigeration cycle. <i>Applied Thermal Engineering</i> , 2018, 130, 1163-1174.   | 6.0 | 15        |
| 8  | Effect of heating time of adsorber-collector on the performance of a solar adsorption refrigerator. <i>International Journal of Mechanical and Materials Engineering</i> , 2017, 12, .                            | 2.2 | 7         |
| 9  | Geometric non-linear hexahedral elements with rotational DOFs. <i>Computational Mechanics</i> , 2016, 57, 37-53.  | 4.0 | 8         |
| 10 | Discrete-Mindlin finite element for nonlinear geometrical analysis of shell structures. <i>Computational and Applied Mathematics</i> , 2016, 35, 951-975.   | 1.3 | 2         |
| 11 | A multilayered 3D hexahedral finite element with rotational DOFs. <i>European Journal of Computational Mechanics</i> , 2015, 24, 107-128.   | 0.6 | 7         |
| 12 | An enhanced discrete Mindlin finite element model using a zigzag function. <i>European Journal of Computational Mechanics</i> , 2012, 21, 122-140.  | 0.6 | 7         |
| 13 | A Mindlin multilayered hybrid-mixed approach for laminated and sandwich structures without shear correction factors. <i>European Journal of Computational Mechanics</i> , 2010, 19, 725-742.                      | 0.6 | 3         |