

# Reza Roumina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7627031/publications.pdf>

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9  
papers

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1163117

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292  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Hot deformation behavior of an extruded AZ31 alloy doped with rare-earth elements. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156961.  | 5.5 | 32        |
| 2 | Effect of Gd on Dynamic Recrystallization Behavior of Magnesium During Hot Compression. <i>Metals and Materials International</i> , 2021, 27, 843-850.  | 3.4 | 17        |
| 3 | Constitutive analysis of wrought Mg-Gd magnesium alloys during hot compression at elevated temperatures. <i>Journal of Alloys and Compounds</i> , 2019, 791, 1200-1206.                         | 5.5 | 72        |
| 4 | Enhanced Ductility of a Fine-Grained Mg-Gd-Al-Zn Magnesium Alloy by Hot Extrusion. <i>Advanced Engineering Materials</i> , 2018, 20, 1701171.   | 3.5 | 70        |
| 5 | Dislocation-precipitate interaction map. <i>Computational Materials Science</i> , 2018, 141, 153-161.   | 3.0 | 21        |
| 6 | Melting of graphene supported Pd-Pt core-shell nanoparticles: A molecular dynamics study. <i>Computational Materials Science</i> , 2018, 151, 132-143.  | 3.0 | 6         |
| 7 | An efficient computational technique for modeling dislocation-precipitate interactions within dislocation dynamics. <i>Computational Materials Science</i> , 2016, 122, 281-287.                | 3.0 | 22        |
| 8 | XFEM-dislocation dynamics multi-scale modeling of plasticity and fracture. <i>Computational Materials Science</i> , 2015, 104, 98-107.  | 3.0 | 19        |
| 9 | Mechanical behavior of a compositionally graded 300M steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 578, 140-149. | 5.6 | 23        |