

# Amin Azimi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/250791/publications.pdf>

Version: 2024-02-01

10  
papers

260  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

300  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Mechanically alloyed Al7075â€“TiC nanocomposite: Powder processing, consolidation and mechanical strength. <i>Materials &amp; Design</i> , 2015, 66, 137-141.   | 5.1 | 50        |
| 2  | Nanostructured Alâ€“Znâ€“Mgâ€“Cuâ€“Zr alloy prepared by mechanical alloying followed by hot pressing. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 595, 124-130. | 5.6 | 48        |
| 3  | Dual functions of TiC nanoparticles on tribological performance of Al/graphite composites. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 93, 137-144.   | 4.0 | 45        |
| 4  | Combining equal-channel angular pressing and heat treatment to obtain enhanced corrosion resistance in 6061 aluminum alloy. <i>Journal of Alloys and Compounds</i> , 2015, 648, 912-918.  | 5.5 | 44        |
| 5  | Optimizing consolidation behavior of Al 7068â€“TiC nanocomposites using Taguchi statistical analysis. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 2499-2508.  | 4.2 | 23        |
| 6  | Improving homogeneity of ultrafine-grained/nanostructured materials produced by ECAP using a bevel-edge punch. <i>Journal of Materials Science</i> , 2015, 50, 1513-1522.   | 3.7 | 23        |
| 7  | Dynamic Failure Investigation in Ultrafine Grained AA2219: Mechanical and Microstructural Analysis. <i>Metals and Materials International</i> , 2019, 25, 900-911.  | 3.4 | 11        |
| 8  | High Strain Rate Behavior of Ultrafine Grained AA2519 Processed via Multi Axial Cryogenic Forging. <i>Metals</i> , 2019, 9, 115.  | 2.3 | 9         |
| 9  | Miniature Diamond-Based Fiber Optic Pressure Sensor with Dual Polymer-Ceramic Adhesives. <i>Sensors</i> , 2019, 19, 2202.   | 3.8 | 6         |
| 10 | The roles of crystallographic orientation, high-angle grain boundary, and indenter diameter during nano-indentation. <i>Acta Mechanica</i> , 2015, 226, 3823-3829.  | 2.1 | 1         |