

# Hassan Abdollah-Pour

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9235636/publications.pdf>

Version: 2024-02-01

21  
papers

582  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

522  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | An empirical-statistical model for laser cladding of WC-12Co powder on AISI 321 stainless steel. Optics and Laser Technology, 2017, 97, 180-186.   | 4.6 | 99        |
| 2  | Nano/ultrafine grained AA2024 alloy processed by accumulative roll bonding: A study of microstructure, deformation texture and mechanical properties. Journal of Alloys and Compounds, 2017, 712, 517-525.       | 5.5 | 67        |
| 3  | Kinetics and oxidation behavior of laser clad WC-Co and Ni/WC-Co coatings. Ceramics International, 2018, 44, 12805-12814.  | 4.8 | 60        |
| 4  | Friction and wear behavior of laser clad WC-Co and Ni/WC-Co deposits at high temperature. International Journal of Refractory Metals and Hard Materials, 2019, 81, 137-148.                                      | 3.8 | 58        |
| 5  | Abrasive Wear Behavior of High Chromium Cast Iron and Hadfield Steel—A Comparison. Journal of Iron and Steel Research International, 2012, 19, 43-50.  | 2.8 | 50        |
| 6  | Structural and oxidation behavior of atmospheric heat treated plasma sprayed WC-Co coatings. Vacuum, 2013, 94, 64-68.  | 3.5 | 45        |
| 7  | Influence of using electroless Ni-P coated WC-Co powder on laser cladding of stainless steel. Surface and Coatings Technology, 2018, 348, 41-54.   | 4.8 | 38        |
| 8  | Zr doping dependence of structural and magnetic properties of cobalt ferrite synthesized by sol-gel based Pechini method. Journal of Magnetism and Magnetic Materials, 2018, 451, 577-586.                       | 2.3 | 33        |
| 9  | The effect of silicon on thermal shock performance of aluminide-thermal barrier coatings. Corrosion Science, 2013, 75, 142-147.  | 6.6 | 29        |
| 10 | Structural and microstructural phase evolution during mechano-synthesis of nanocrystalline/amorphous CuAlMn alloy powders. Advanced Powder Technology, 2013, 24, 1048-1053.                                      | 4.1 | 19        |
| 11 | Correlation between structural and magnetic properties of substituted (Cd, Zr) cobalt ferrite nanoparticles. Chinese Journal of Physics, 2019, 57, 6-13.   | 3.9 | 18        |
| 12 | Effects of Ni addition on the microstructure and properties of nanostructured copper-germanium alloys. Intermetallics, 2013, 38, 80-87.  | 3.9 | 15        |
| 13 | Effect of current density on Ni-Mo electrodeposition using EMIM [Br]. Surface Engineering, 2019, 35, 1088-1096.  | 2.2 | 10        |
| 14 | Liquation cracking in the heat-affected zone of IN939 superalloy tungsten inert gas weldments. International Journal of Minerals, Metallurgy and Materials, 2020, 27, 764-773.                                   | 4.9 | 10        |
| 15 | A Study of Effect of Vanadium on Microstructure and Mechanical Properties of As-Cast and Austempered Ductile Iron. Physics of Metals and Metallography, 2019, 120, 441-446.                                      | 1.0 | 9         |
| 16 | An investigation of microstructure, wear and corrosion resistance of AZ31-SiO <sub>2</sub> -graphite hybrid surface composite produced by friction stir processing. Materials Research Express, 2019, 6, 1250a7. | 1.6 | 7         |
| 17 | The effect of pH on electrocatalytic properties of electrodeposited Ni-Mo/Ni coating using 1-ethyl-3-methylimidazolium bromide. Materials Research Express, 2019, 6, 1065e2.                                     | 1.6 | 7         |
| 18 | Dry Sliding Wear and Corrosion Performance of Mg-Sn-Ti Alloys Produced by Casting and Extrusion. Materials, 2022, 15, 3533.  | 2.9 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Nanostructured silicon production from quartzite ore by low-energy wet blending of the reagents, reduction in controlled atmosphere, and hydrometallurgy. Journal of Materials Research and Technology, 2019, 8, 1014-1023. | 5.8 | 2         |
| 20 | Production of AA2124/MoSi <sub>2</sub> /25p composites and effect of heat treatment on their microstructure, hardness and compression properties. Revista De Metalurgia, 2014, 50, e030.                                    | 0.5 | 2         |
| 21 | Estimation of Mechanical Properties of Stainless Steel AISI 410 by Small-Punch Testing (Erickson Test). Metal Science and Heat Treatment, 2014, 56, 165-168.  | 0.6 | 0         |