

# Ayub Karimzad Ghavidel

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

183  
citations

1163117  
8  
h-index

1281871  
11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

156  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mechanical analysis of aligned carbon nanotube bundles under electric field. International Journal of Mechanical Sciences, 2021, 196, 106289.  | 6.7 | 5         |
| 2  | A novel electro-mechanical technique for efficient dispersion of carbon nanotubes in liquid media. International Journal of Mechanical Sciences, 2021, 207, 106633.  | 6.7 | 7         |
| 3  | Improving environmental protection of waterborne polyurethane coating by adding TiO <sub>2</sub> /polyaniline/HNT/CNT nanocomposite. Environmental Science and Pollution Research, 2020, 27, 6438-6448.                    | 5.3 | 16        |
| 4  | Experimental and parametric evaluation of cut quality characteristics in CO <sub>2</sub> laser cutting of polystyrene. Optik, 2019, 184, 103-114.  | 2.9 | 41        |
| 5  | Comprehensive study of laser cutting effects on the properties of acrylonitrile butadiene styrene. International Journal of Advanced Manufacturing Technology, 2018, 97, 3637-3653.  | 3.0 | 9         |
| 6  | Role of CO <sub>2</sub> laser cutting conditions on anisotropic properties of nanocomposite contain carbon nanotubes. Journal of Laser Applications, 2016, 28, .   | 1.7 | 15        |
| 7  | Microscopic and mechanical properties of semi-crystalline and amorphous polymeric parts produced by laser cutting. Journal of Applied Polymer Science, 2016, 133, .  | 2.6 | 11        |
| 8  | Influence of processing condition and carbon nanotube on mechanical properties of injection molded multi-walled carbon nanotube/poly(methyl methacrylate) nanocomposites. Journal of Applied Polymer Science, 2016, 133, . | 2.6 | 26        |
| 9  | Influence of Alignment and Dispersion Pattern of Carbon Nanotubes in the Polycarbonate and Polystyrene Matrixes on Laser Cutting Workability. Journal of Laser Micro Nanoengineering, 2016, 11, 266-275.                   | 0.1 | 3         |
| 10 | Improving electrical conductivity of poly methyl methacrylate by utilization of carbon nanotube and CO <sub>2</sub> laser. Journal of Applied Polymer Science, 2015, 132, .  | 2.6 | 19        |
| 11 | Effect of carbon nanotubes on laser cutting of multi-walled carbon nanotubes/poly methyl methacrylate nanocomposites. Optics and Laser Technology, 2015, 67, 119-124.  | 4.6 | 31        |