

# Naveed Akhtar

## List of Publications by Year in descending order

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17  
papers

86  
citations

2258059

3  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser Beam Rapid Solidification of Plasma Sprayed Ni-Al Coatings on Steel. , 2019, , .		0
2	Effect of laser remelting on surface composite layer of nickel aluminide coated steel substrate. , 2018, , .		3
3	Optimizing Cold Compression Deformation to Remove Residual Stresses in Die Forged Disc of Al-Mg-Si Alloy. Key Engineering Materials, 2018, 778, 53-60.	0.4	1
4	Microstructure and Wear Properties of Laser Treated Ni3Al Coatings on Low Alloy Medium Carbon Steel. Lasers in Manufacturing and Materials Processing, 2018, 5, 283-297.	2.2	2
5	Assessment of cold deformation effects on yield-to-tensile ratio and dimensional stability of an aluminium alloy extruded tube. , 2017, , .		1
6	Characterization of Thin Laminates Present Inside the Aluminum Extruded Tubes. Metallography, Microstructure, and Analysis, 2017, 6, 433-442.	1.0	0
7	Macromechanics study of stable fatigue crack growth in Al-Cu-Li-Mg-Ag alloy. Fatigue and Fracture of Engineering Materials and Structures, 2017, 40, 233-244.	3.4	8
8	Mechanical Performance and Fracture Behavior of Recycled AA6061-T6 Alloy Melted from Aluminium Chips. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2017, 7, 1-17.	0.4	1
9	Effects of microstructure alterations on fatigue crack propagation rate in Al-Li 2060-T8X alloy welded joints. , 2016, , .		0
10	Laser welding effects on mechanical and fatigue properties of an Al-Cu-Li-Mg-Ag alloy. International Journal of Microstructure and Materials Properties, 2015, 10, 350.	0.1	2
11	Fatigue crack growth rates in friction stir welding joints of Al-Li 2060-T8X Alloy. , 2015, , .		3
12	Melting and casting of lithium containing aluminium alloys. International Journal of Cast Metals Research, 2015, 28, 1-8.	1.0	25
13	Prospects, challenges, and latest developments in lithium-air batteries. International Journal of Energy Research, 2015, 39, 303-316.	4.5	36
14	Tensile Fracture in Laser Welding Joints of Al-Cu-Li-Mg-X Alloy Bearing Gaseous Porosity. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2015, 5, 63-79.	0.4	1
15	Future of New Generation Aluminium and Composites in Aerospace Industry. Pakistan Journal of Chemistry, 2014, 4, 77-82.	0.1	3
16	Measurement of dissolved hydrogen in Al alloys and calculation of hydrogen removal efficiency of a degassing system. Pakistan Journal of Chemistry, 2011, 1, 185-189.	0.1	0
17	Rapid Solidification and Surfaces Alloying Using Continuous CO <sub>2</sub> Laser to Generate Ni-Aluminide on Steel. Key Engineering Materials, 0, 875, 329-336.	0.4	0