

# Khalid Hafez

## List of Publications by Year in descending order

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20  
papers

165  
citations

1307594

7  
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1199594

12  
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docs citations

21  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Approach for Using Ductile Iron as Substrate in Bimetallic Materials for Higher Interfacial Bonding Bearings. International Journal of Metalcasting, 2022, 16, 987-1000.	1.9	5
2	Enhancement of Surface and Interface Properties of Low Carbon Steel by Hybrid ZnO and NiO Nanoparticles Reinforced Tin Coating. Crystals, 2022, 12, 332.	2.2	4
3	Super Bonding Strength of Al <sub>2</sub> O <sub>3</sub> Nanoparticles Reinforced Sn Interlayer Steel/Aluminum Bimetal Casting. Crystals, 2022, 12, 324.	2.2	3
4	The role of a plain dent on the failure mode of a crude oil pipeline. Engineering Failure Analysis, 2021, 122, 105291.	4.0	12
5	Interfacial microstructure and hardness of Sn-Based Babbitt/C93700 Cu-Pb-Sn bimetallic materials. Materials Today: Proceedings, 2021, 45, 5074-5080.	1.8	5
6	Development and Optimization of Tin/Flux Mixture for Direct Tinning and Interfacial Bonding in Aluminum/Steel Bimetallic Compound Casting. Materials, 2020, 13, 5642.	2.9	14
7	Effect of Welding Processes on Mechanical and Microstructural Characteristics of DP780 Steel Welded Joints for the Automotive Industry. Key Engineering Materials, 2020, 835, 101-107.	0.4	1
8	The Influence of Shielding Gases on Solidification Structures and Grain Size of AISI 304 Stainless Steel Fiber Laser Welds. Lasers in Manufacturing and Materials Processing, 2019, 6, 345-355.	2.2	6
9	The effect of welding atmosphere on the pitting corrosion of AISI 304L resistance spot welds. International Journal of Advanced Manufacturing Technology, 2018, 97, 243-251.	3.0	5
10	Microstructure and Mechanical Properties of Laser Welded Dual Phase and Mild Steel Joints for Automotive Applications. Applied Mechanics and Materials, 2017, 865, 81-87.	0.2	4
11	Influence of Heat Treatment on Interface Structure of Stainless Steel/Gray Iron Bimetallic Layered Castings. Applied Mechanics and Materials, 2017, 873, 3-8.	0.2	8
12	Microstructure and Induced Defects of 6061 Al Alloy after Short Times Cyclic Semi-Solid Heat Treatment. MATEC Web of Conferences, 2016, 67, 05012.	0.2	8
13	Porosity Defects Induced by Semi-Solid Isothermal Heat Treatment in Cast Hypereutectic Al-18% Si Alloy. Applied Mechanics and Materials, 2016, 835, 173-178.	0.2	2
14	Fiber laser welding of AISI 304 stainless steel plates. Yosetsu Gakkai Ronbunshu/Quarterly Journal of the Japan Welding Society, 2009, 27, 69s-73s.	0.5	13
15	Joining of alumina ceramics to metals. Science and Technology of Welding and Joining, 2005, 10, 125-130.	3.1	19
16	EFFECT OF ULTRASONIC WAVE ON THE MORPHOROLOGY OF FRACTURE SURFACE OF ALUMINA/COPPER BRAZING. , 2005, , 451-453.		0
17	Interfacial structure and bond strength of ultrasonic brazed Al-304 stainless steel dissimilar joints. Science and Technology of Welding and Joining, 2004, 9, 560-564.	3.1	15
18	Applying of ultrasonic waves on brazing of alumina to copper using Zn-Al filler alloy. Journal of Materials Science, 2003, 38, 3491-3494.	3.7	38

#	ARTICLE	IF	CITATIONS
19	Influence of Nitrogen Atmosphere on Weld Nugget Morphology during Resistance Spot Welding of 304L Stainless Steel. Key Engineering Materials, 0, 753, 211-217.	0.4	1
20	Stress Corrosion Cracking of High-Pressure Scrubber in Urea Plant: A Case Study. Key Engineering Materials, 0, 835, 123-129.	0.4	0