

Seyed Ebrahim Vahdat

List of Publications by Year in descending order

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citations

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docs citations

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times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Heat Treatment on the Characterizations of Functionally Graded Al/Al ₂ Cu Fabricated by Horizontal Centrifugal Casting. International Journal of Metalcasting, 2020, 14, 962-976.	1.9	7
2	Investigation of fatigue behavior of centrifuged series 3000 Al with addition of 26Åwt% Cu. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 1375-1385.	1.1	0
3	Integrity assessment of functionally graded pipe produced by centrifugal casting subjected to internal pressure: experimental investigation. Archive of Applied Mechanics, 2020, 90, 1723-1736.	2.2	2
4	Mechanical Properties of Al 25 wt.% Cu Functionally Graded Material. Science and Engineering of Composite Materials, 2019, 26, 327-337.	1.4	4
5	Effect of Heat Treatment on the Properties of AlCu ₂₆ Si ₈ . International Journal of Cast Metals Research, 2019, 32, 278-288.	1.0	1
6	Effect of pressure and deep cryotreatment on strength of diffusion bonds of St37â€“1.2542 dissimilar steels. Welding in the World, Le Soudage Dans Le Monde, 2018, 62, 847-854.	2.5	0
7	Effect of sub-zero treatment on fatigue strength of aluminum 2024. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 710, 38-46.	5.6	3
8	Effect of Pressure and DCT on Microstructure and Strength of Diffusion Bonds of PLCS-HSLAS. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1411-1417.	2.2	0
9	Characterization of Al-Al ₂ Cu functionally graded material produced by using horizontal centrifugal casting. Multidiscipline Modeling in Materials and Structures, 2018, 14, 647-662.	1.3	7
10	Study of Effects of Temperature and Pressure in HIP Process on Mechanical Properties of Nickel-based Superalloys. Materials Today: Proceedings, 2017, 4, 152-156.	1.8	8
11	Determining Impact of Crack Width on the Repairing of Crack on the Surface of Carbon Steel by Welding Methods. Materials Today: Proceedings, 2017, 4, 991-996.	1.8	0
12	Strength of the Bond of Structural Steel S235JR to Bronze SAE660 Produced by Casting in Pre-Mold. Archives of Foundry Engineering, 2017, 17, 149-154.	0.4	0
13	Repairing the surface grooves of St37 structural steel using flame spray welding. International Journal of Precision Engineering and Manufacturing, 2017, 18, 1873-1879.	2.2	1
14	Microstructure Study of Diffusion Bonding of Centrifuged Structural Steel-Bronze. Archives of Foundry Engineering, 2016, 16, 99-104.	0.4	4
15	Tin-Copper-Lead Alloy Produced by Horizontal Centrifugal Casting. Archives of Foundry Engineering, 2016, 16, 131-137.	0.4	11
16	Repair of Structural Steel Surface Groove by Using Diffusion Welding of Pure Iron Powder. Archives of Foundry Engineering, 2016, 16, 105-110.	0.4	1
17	Repair of Structural Steel Surface Groove by Using Flame Welding Method by Spraying Pure Iron Powder. Archives of Foundry Engineering, 2016, 16, 167-171.	0.4	4
18	Design of metal matrix composite with particle reinforcement produced by deep cryogenic treatment. IOP Conference Series: Materials Science and Engineering, 2015, 87, 012003.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Optimization of Tensile Properties of AISI S1 Tool Steel. Transactions of the Indian Institute of Metals, 2015, 68, 777-781.	1.5	3
20	XRD, STEM, and Tensile Properties of AISI S1 Tool Steel after Deep Cryogenic Treatment. Advanced Materials Research, 2015, 1088, 195-199.	0.3	0
21	Effect of Microstructure Parameters on Hardness of SnCu4Pb3 produced by Horizontal Centrifugal Casting. Materials Today: Proceedings, 2015, 2, 1373-1380.	1.8	1
22	Fatigue Scatter of 1.2542 Tool Steel after Deep Cryogenic Treatment. Materials Today: Proceedings, 2015, 2, 1210-1215.	1.8	5
23	Mechanism of Precipitation of Carbides during Deep Cryogenic Processing in 1.2542 Tool Steel. Materials Today: Proceedings, 2015, 2, 1859-1867.	1.8	2
24	Design of Metal Matrix Composite with Particle Reinforcement. Advances in Materials, 2015, 4, 9.	1.0	0
25	Management of Pollutants in Industries: A Case Study. Journal of Investment and Management, 2015, 4, 113.	0.3	0
26	Effect of deep cryogenic processing on tensile toughness of 45WCrV7 steel. International Journal of Steel Structures, 2014, 14, 571-578.	1.3	8
27	Microstructure and Tensile Toughness Correlation of 1.2542 Tool Steel after Deep Cryogenic Treatment. , 2014, 6, 202-207.		12
28	Effect of microstructure parameters on tensile toughness of tool steel after deep cryogenic treatment. International Journal of Precision Engineering and Manufacturing, 2014, 15, 497-502.	2.2	17
29	Effect of Interface Strength of M 23 C 6 in Steel Matrix on Tensile Toughness and Strength. , 2014, 6, 208-215.		7
30	Microstructure and tensile properties of 45WCrV7 tool steel after deep cryogenic treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 585, 444-454.	5.6	37
31	Welding process selection for repairing nodular cast iron engine block by integrated fuzzy data envelopment analysis and TOPSIS approaches. Materials & Design, 2013, 43, 272-282.	5.1	68
32	Optimization of Bone Implant Selection with Price Analysis. International Journal of Advanced Materials Manufacturing and Characterization, 2013, 3, 37-46.	0.2	3
33	Study of effects of deep cryotreatment on mechanical properties of 1.2542 tool steel. Materials & Design, 2012, 42, 279-288.	5.1	21
34	A fuzzy multi-attribute approach to select the welding process at high pressure vessel manufacturing. Journal of Manufacturing Processes, 2012, 14, 250-256.	5.9	32
35	Air Pollution Monitoring Using Fuzzy Logic in Industries. , 0, , .		2