

Krishna Mohan Agarwal

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

232
citations

1040056

9
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation analysis of Al Alloy AA2024 through equal channel angular pressing for aircraft structures. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 828-842.	1.4	25
2	Mechanical behaviour of Aluminium Alloy AA6063 processed through ECAP with optimum die design parameters. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1901-1915.	1.4	33
3	Analyzing the Impact of Print Parameters on Dimensional Variation of ABS specimens printed using Fused Deposition Modelling (FDM). <i>Sensors International</i> , 2022, 3, 100149.	8.4	27
4	Predicting the dimensional variation of geometries produced through FDM 3D printing employing supervised machine learning. <i>Sensors International</i> , 2022, 3, 100194.	8.4	7
5	Enhancements of mechanical properties of materials through ECAP for high temperature applications. <i>Materials Today: Proceedings</i> , 2021, 46, 6490-6495.	1.8	2
6	Simulated analysis of Ti-6Al-4V processed through equal channel angular pressing for biomedical applications. <i>Materials Science for Energy Technologies</i> , 2021, 4, 290-295.	1.8	2
7	Concept design of the physical structure for ICU ventilators for COVID-19 pandemic. <i>Sensors International</i> , 2021, 2, 100092.	8.4	2
8	Technological Resources for Fighting COVID-19 Pandemic Health Issues. <i>Journal of Industrial Integration and Management</i> , 2021, 06, 271-285.	4.8	7
9	3D FEM simulation on Deformation and Strain analysis for grain refinement of Mg Alloy passed through ECAP. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1149, 012024.	0.6	3
10	Theoretical analysis of equal channel angular pressing method for grain refinement of metals and alloys. <i>Materials Today: Proceedings</i> , 2020, 25, 668-673.	1.8	12
11	Deformation and strain analysis for grain refinement of materials processed through equal channel angular pressing. <i>Materials Today: Proceedings</i> , 2020, 21, 1513-1519.	1.8	11
12	Study and overview of the novel corona virus disease (COVID-19). <i>Sensors International</i> , 2020, 1, 100037.	8.4	34
13	Comprehensive study related to advancement in biomaterials for medical applications. <i>Sensors International</i> , 2020, 1, 100055.	8.4	6
14	Effect of ECAP on the mechanical properties of titanium and its alloys for biomedical applications. <i>Materials Science for Energy Technologies</i> , 2020, 3, 921-927.	1.8	12
15	Performance Enhancement of an All-Terrain Vehicle by Optimizing Steering, Powertrain and Brakes. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 207-215.	0.4	19
16	Comparison of different methods of Severe Plastic Deformation for grain refinement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 691, 012074.	0.6	27