

Praveen Kumar Bannaravuri

List of Publications by Year in descending order

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papers

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citations

1683934

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18
all docs

18
docs citations

18
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties of aluminium metal matrix composites with addition of bamboo leaf ash by stir casting method. Transactions of Nonferrous Metals Society of China, 2017, 27, 2555-2572.	1.7	112
2	Strengthening of mechanical and tribological properties of Al-4.5%Cu matrix alloy with the addition of bamboo leaf ash. Results in Physics, 2018, 10, 360-373.	2.0	38
3	Tribological Behavior of Aluminium Metal Matrix Composite with Addition of Bamboo Leaf Ash by GRA-Taguchi Method. Tribology in Industry, 2018, 40, 311-325.	0.5	12
4	Strengthening of Al-4.5%Cu alloy with the addition of Silicon Carbide and Bamboo Leaf Ash. International Journal of Structural Integrity, 2019, 10, 149-161.	1.8	10
5	Effect of laser surface melting on surface integrity of Al [~] 4.5Cu composites reinforced with SiC and MoS ₂ . Transactions of Nonferrous Metals Society of China, 2020, 30, 344-362.	1.7	6
6	Aerodynamic simulation of optimized vortex generators and rear spoiler for performance vehicles. Materials Today: Proceedings, 2021, 45, 7228-7238.	0.9	6
7	Characterization of Al-4.5%Cu alloy with the addition of silicon carbide and bamboo leaf ash. Metallic Materials, 2018, 56, 325-337.	0.2	5
8	Effect on corrosion behaviour of the surface of aluminium 4.5 Cu with bamboo leaf ash composites by laser treatment. Materials Research Express, 2020, 7, 016594.	0.8	4
9	Impact on the microstructure and mechanical properties of Al-4.5Cu alloy by the addition of MoS ₂ . International Journal of Lightweight Materials and Manufacture, 2021, 4, 281-289.	1.3	4
10	Porosity formation studies in high pressure die castings of Al-9Si-3Cu alloy based on Taguchi method. International Journal of Structural Integrity, 2022, 13, 78-91.	1.8	4
11	Integrity on properties of Cu-based composites with the addition of reinforcement: A review. Materials Today: Proceedings, 2021, 47, 6609-6613.	0.9	3
12	Influence of Fluidity of Al-Cu Alloy with Fly Ash Reinforcement by Single Spiral Fluidity Test. Materials Today: Proceedings, 2015, 2, 2776-2783.	0.9	2
13	Effect of cavitation and spallation on ribbon morphology of Fe _{73.5} Si _{13.5} B ₉ Cu ₁ Nb ₃ alloy in planar flow melt spinning process. Materials Today: Proceedings, 2021, 47, 6724-6724.	0.9	1
14	Effect of novel grain refiner and Ni alloying additions on microstructure and mechanical properties of Al-Si _{9.8} -Cu _{3.4} HPDC castings – optimization using Multi Criteria Decision making approach. Materials Science-Poland, 2022, 40, 9-24.	0.4	1
15	Impact characteristics of DHAK fiber composites. Materials Today: Proceedings, 2021, 38, 52-55.	0.9	0
16	Fabrication and bend testing of DHAK fiber composites. Materials Today: Proceedings, 2021, 38, 48-51.	0.9	0
17	Strengthening of the Surface Properties of Al-4.5%Cu/BLA Composites by Laser Applications. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 1875-1879.	0.2	0
18	TG/DTA studies on the oxidation and thermal behaviour of Ti-6Al-4V-B4C coatings obtained by magnetron sputtering. Journal of Applied Research and Technology, 2020, 18, .	0.6	0