

Kandavel Tk

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation on Cutting Tool Performance of Newly Synthesized P/M Alloy Steel Under Turning Operation. Arabian Journal for Science and Engineering, 2019, 44, 5801-5809.	3.0	23
2	Experimental investigations on the microstructure and mechanical properties of sinter-forged Cu and Mo-alloyed low alloy steels. International Journal of Advanced Manufacturing Technology, 2010, 50, 53-59.	3.0	14
3	Cold and hot deformation and densification studies on sintered Fe-C-Cr-Ni low alloy P/M steels. International Journal of Advanced Manufacturing Technology, 2009, 41, 8-15.	3.0	12
4	Optimization of Deformation and Densification Properties of the Sintered Plain Carbon Steel. Materials and Manufacturing Processes, 2015, 30, 1240-1245.	4.7	9
5	Performance characteristics of a variable compression ratio CI engine simulation using artificial neural network. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 1912-1922.	2.3	9
6	Influence of material flow constraints during cold forming on the deformation and densification behaviour of hypoeutectoid P/M steel ring preforms. International Journal of Advanced Manufacturing Technology, 2007, 31, 926-932.	3.0	8
7	Effects of Working Parameters on Performance Characteristics of Cutting Tools Processed through Powder Metallurgy under Turning Operation. Journal of Materials Engineering and Performance, 2021, 30, 2890-2898.	2.5	4
8	Experimental Investigations on Plastic Deformation and Densification Characteristics of P/M Fe-Cu-Mo Alloy Steels Under Cold Upsetting. Arabian Journal for Science and Engineering, 2017, 42, 4917-4927.	3.0	3
9	Experimental investigations on welding characteristics of sinter-forged pre-alloy Atomet 4601 steel. International Journal of Advanced Manufacturing Technology, 2017, 88, 1065-1074.	3.0	2
10	Experimental investigation on corrosion behaviour of Fe-C-Cr P/M alloy steels. Materials and Corrosion - Werkstoffe Und Korrosion, 2018, 69, 1355-1367.	1.5	1
11	Experimental investigation on thermal behaviour of copper-added P/M iron materials at different sintering temperatures. Australian Journal of Mechanical Engineering, 2021, 19, 57-62.	2.1	1
12	Cutting tool performance analysis of P/M alloy steel under turning of copper material. Journal of Mechanical Science and Technology, 2021, 35, 3951-3958.	1.5	0
13	Experimental Investigations on Welding and Mechanical Characteristics of Sintered-Forged Plain Carbon Steel under Autogenous TIG Welding. Materials Performance and Characterization, 2018, 7, 20170022.	0.3	0
14	Experimental study on corrosion characteristics of ATOMET 4601+TiC alloy steels. Corrosion Reviews, 2022, .	2.0	0