

Balmukund Dhakar

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

131
citations

1478505

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h-index

1474206

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10
all docs

10
docs citations

10
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on remelting of tungsten carbide and rare earth modified nickel base alloy composite coating. Surface Engineering, 2012, 28, 73-80.	2.2	42
2	Measuring mechanical properties of plasma-sprayed alumina coatings by nanoindentation technique. Materials Science and Technology, 2017, 33, 285-293.	1.6	23
3	Phase stabilization of plasma-sprayed alumina coatings by spraying mechanically blended alumina-chromia powders. Materials and Manufacturing Processes, 2017, 32, 355-364.	4.7	23
4	Evaluation of nanomechanical and tribological properties of laser surface alloyed boride-nitride-carbide ceramic matrix composite coatings. Ceramics International, 2018, 44, 17050-17061.	4.8	14
5	Heat treatment of plasma sprayed alumina-chromia composite coatings. Surface Engineering, 2018, 34, 737-746.	2.2	10
6	Influence of process parameters on the formation of phases and mechanical properties of plasma sprayed Al ₂ O ₃ -Cr ₂ O ₃ coatings. Materials Research Innovations, 2017, 21, 367-376.	2.3	8
7	Effect of H ₂ flow rate and stand-off distance on the formation of phases in plasma-sprayed Al ₂ O ₃ coatings. Transactions of the Institute of Metal Finishing, 2017, 95, 321-327.	1.3	3
8	Hardfacing of AISI304 steel: fabrication of oxide-boride-nitride ceramic matrix composite layer by laser-assisted high temperature chemical reaction. Transactions of the Institute of Metal Finishing, 2017, 95, 207-216.	1.3	3
9	Linear reciprocating wear behaviour of plasma-sprayed Al ₂ O ₃ -Cr ₂ O ₃ coatings at different loading and sliding conditions. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 1763-1772.	1.3	3