

Simanchal Kar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2802011/publications.pdf>

Version: 2024-02-01

11
papers

217
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of plasma sprayed coatings produced from carbon nanotube doped ceramic powder feedstock. <i>Materials and Design</i> , 2016, 112, 392-401.	7.0	55
2	Carbon nanotube reinforced HVOF sprayed WC-Co coating. <i>Materials and Design</i> , 2018, 156, 340-350.	7.0	47
3	Processing and characterisation of plasma sprayed oxides: Microstructure, phases and residual stress. <i>Surface and Coatings Technology</i> , 2016, 304, 364-374.	4.8	40
4	High speed and precision grinding of plasma sprayed oxide ceramic coatings. <i>Ceramics International</i> , 2017, 43, 15316-15331.	4.8	20
5	Precision superabrasive grinding of plasma sprayed ceramic coatings. <i>Ceramics International</i> , 2016, 42, 19302-19319.	4.8	18
6	Grinding of hard and brittle ceramic coatings: Force analysis. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1453-1461.	5.7	16
7	Effect of arc current and spray distance on elastic modulus and fracture toughness of plasma-sprayed chromium oxide coatings. <i>Friction</i> , 2018, 6, 387-394.	6.4	8
8	Grindability of plasma sprayed thermal barrier coating using super abrasive wheel. <i>Transactions of the Institute of Metal Finishing</i> , 2020, 98, 30-36.	1.3	7
9	Investigations into Deformation Characteristics during Open-Die Forging of SiC _p Reinforced Aluminium Metal Matrix Composites. <i>Journal of Powder Technology</i> , 2013, 2013, 1-14.	0.4	5
10	Grinding of ceramics – sintered ceramics versus ceramic coatings. <i>Advances in Materials and Processing Technologies</i> , 2018, 4, 538-547.	1.4	1
11	Effect of Arc-Current and Particle Morphology on Fracture Toughness of Plasma Sprayed Aluminium Oxide Coating. , 2017, , .		0