

Digvijay G Bhosale

List of Publications by Year in descending order

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16
papers

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16
docs citations

16
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80
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding and erosion wear behaviour of thermal sprayed WC-Cr ₃ C ₂ -Ni coatings. Surface and Coatings Technology, 2020, 400, 126192.	4.8	40
2	Tribological behaviour of atmospheric plasma and high velocity oxy-fuel sprayed WC-Cr ₃ C ₂ -Ni coatings at elevated temperatures. Ceramics International, 2020, 46, 12373-12385.	4.8	32
3	Tribo-behaviour of APS and HVOF sprayed WCâ€“Cr ₃ C ₂ â€“Ni coatings for gears. Surface Engineering, 2021, 37, 80-90.	2.2	27
4	Investigation on wear behaviour of SS 316L, atmospheric plasma and high velocity oxy-fuel sprayed WC-Cr ₃ C ₂ -Ni coatings for fracturing tools. Surface and Coatings Technology, 2020, 390, 125679.	4.8	24
5	High temperature solid particle erosion behaviour of SS 316L and thermal sprayed WC-Cr ₃ C ₂ â€“Ni coatings. Wear, 2020, 462-463, 203520.	3.1	21
6	A study of T11 boiler steel protection by cold sprayed Inconel 738 coating against high temperature erosion. Surfaces and Interfaces, 2021, 23, 101002.	3.0	14
7	High-temperature erosion and sliding wear of thermal sprayed WCâ€“Cr ₃ C ₂ â€“Ni coatings. Materials at High Temperatures, 2021, 38, 464-474.	1.0	12
8	Effect of counter faces on sliding wear behavior of WC-Cr ₃ C ₂ -Ni composite coating deposited by high velocity oxy fuel. Materials Today: Proceedings, 2021, 41, 780-785.	1.8	9
9	Sliding wear behavior of high velocity oxy-fuel sprayed WC-Cr ₃ C ₂ -Ni coating for automotive applications. Materials Today: Proceedings, 2019, 19, 339-343.	1.8	7
10	High-temperature tribological investigation of APS and HVOF sprayed NiCrBSiFe coatings on SS 316L. Tribology - Materials, Surfaces and Interfaces, 2022, 16, 98-109.	1.4	7
11	Nickel alloy C-263 protection by WC Cr ₃ C ₂ Ni coatings against high-temperature wear in nuclear applications. Surfaces and Interfaces, 2020, 21, 100689.	3.0	4
12	Performance of thermal-sprayed WC-Cr ₃ C ₂ -Ni coatings in slurry erosion for hydrodynamic turbines. Tribology - Materials, Surfaces and Interfaces, 2022, 16, 292-302.	1.4	1
13	Dimensional Optimization of Helical Gear Pair Through Finite Element Analysis Using Subproblem Approximation Method. SSRN Electronic Journal, 0, , .	0.4	0
14	Investigation of Load Carrying Capacity for Steering System with Polymer Helical Rack and Pinion Gear. , 2018, , 891-902.		0
15	Ni-based coating protection of 316L stainless steel at dry, elevated temperature and wet sliding condition. Materials Today: Proceedings, 2022, 62, 7415-7420.	1.8	0
16	Thermal Sprayed Coatings and Their Wear Characteristics. Advances in Chemical and Materials Engineering Book Series, 2022, , 64-86.	0.3	0