

# Digvijay G Bhosale

## List of Publications by Year in descending order

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16  
papers

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1163117

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1199594

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16  
docs citations

16  
times ranked

80  
citing authors

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