

# Saravanan I

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

208  
citations

1163117

8  
h-index

1281871

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12  
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12  
docs citations

12  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing wear behavior of TiN coated SS 316L against Ti alloy using Response Surface Methodology. <i>Materials &amp; Design</i> , 2015, 67, 469-482.	5.1	76
2	Optimization of wear parameters and their relative effects on TiN coated surface against Ti6Al4V alloy. <i>Materials and Design</i> , 2016, 92, 23-35.	7.0	42
3	A study of frictional wear behavior of Ti6Al4V and UHMWPE hybrid composite on TiN surface for bio-medical applications. <i>Tribology International</i> , 2016, 98, 179-189.	5.9	23
4	Wear behavior of $\gamma$ -irradiated Ti6Al4V alloy sliding on TiN deposited steel surface. <i>Tribology International</i> , 2016, 93, 451-463.	5.9	18
5	Wear study of cross linked UHMWPE hybrid composite-TiN interface. <i>Surfaces and Interfaces</i> , 2016, 4, 42-50.	3.0	10
6	Wear mechanism of UHMWPE polymer composites for bio medical applications. <i>Materials Research Express</i> , 2019, 6, 105355.	1.6	10
7	Investigation of shot peening process on stainless steel and its effects for tribological applications. <i>Materials Today: Proceedings</i> , 2020, 22, 580-584.	1.8	10
8	Tribological behaviour of thermal sprayed high velocity oxy-fuel coatings on tungsten carbide – A review. <i>Materials Today: Proceedings</i> , 2021, 39, 292-295.	1.8	10
9	Investigation of temperature influence in wear studies on nitride coatings. <i>Materials Today: Proceedings</i> , 2020, 22, 1167-1174.	1.8	3
10	A Review on Nitride-Based Coating Techniques. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 803-811.	0.4	3
11	A study on wear behavior of TiN/AlCrN multilayer coatings at high temperature testing conditions. <i>Surface Topography: Metrology and Properties</i> , 0, , .	1.6	2
12	Dry Sliding Wear Behavior of Ti6Al4V and TaN against TiN Deposited Steel Surface. <i>Journal of Materials Science and Chemical Engineering</i> , 2015, 03, 202-207.	0.4	1