

# Gajendra Dixit

## List of Publications by Year in descending order

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13  
papers

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#	ARTICLE	IF	CITATIONS
1	Effect of Different Reinforced Metal-Matrix Composites on Mechanical and Fracture Behaviour of Aluminium Piston Alloy. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	2.6	5
2	Evaluation of Microstructure, Mechanical, Thermal and Erosive Wear Behavior of Aluminum-Based Composites. <i>Silicon</i> , 2020, 12, 59-70.	3.3	15
3	Effect of Reinforcements and Abrasive Size on High-Stress Tribological Behaviour of Aluminium Piston Matrix Composites. <i>Journal of Bio- and Tribo-Corrosion</i> , 2020, 6, 1.	2.6	3
4	Investigation of High Stress Abrasive and Erosive Wear Behaviour of AA336/TiB <sub>2</sub> /SiC Ex Situ Composites. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019, 5, 1.	2.6	7
5	Investigation of erosion-corrosion of aluminium alloy composites: Influence of slurry composition and speed in a different mediums. <i>Journal of King Saud University - Science</i> , 2019, 31, 674-683.	3.5	17
6	Erosive-Corrosive Wear of Aluminium-Silicon Matrix (AA336) and SiCp/TiB <sub>2</sub> p Ceramic Composites. <i>Silicon</i> , 2019, 11, 1649-1660.	3.3	25
7	Abrasive Wear Characteristics of Silicon Carbide Particle Reinforced Zinc Based Composite. <i>Silicon</i> , 2018, 10, 1315-1327.	3.3	24
8	Performance and emission analysis of Oil/FWPB recovered by the oxidative thermal degradation of the mixture of waste polyethylene and Jute. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 3265-3272.	6.4	3
9	Effects of Test Parameters and SiC p Reinforcement on the Slurry Erosive wear response of Al-Si Alloy. <i>Materials Today: Proceedings</i> , 2017, 4, 3141-3149.	1.8	6
10	Comparative Study on Erosive Wear Response of SiC Reinforced and Fly Ash Reinforced Aluminium Based Metal Matrix Composite. <i>Materials Today: Proceedings</i> , 2017, 4, 10093-10098.	1.8	14
11	Erosive wear response of SiCp reinforced aluminium based metal matrix composite: Effects of test environments. <i>Journal of Mechanical Engineering and Sciences</i> , 2017, 14, 2401-2414.	0.6	17
12	Abrasive Wear Response of SiC <sub>p</sub> Reinforced ZA-43 Alloy Metal Matrix Composite. <i>Indian Journal of Science and Technology</i> , 2016, 9, .	0.7	2
13	Thermal degradation of polyethylene waste and jute fiber in oxidative environment and recovery of oil containing phytol and free fatty acids. <i>Fuel</i> , 2016, 179, 368-375.	6.4	10