

Ashish K Kasar

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8122733/ashish-k-kasar-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

291
citations

9
h-index

16
g-index

30
ext. papers

438
ext. citations

3.5
avg, IF

4.33
L-index

#	Paper	IF	Citations
28	Advanced Metal Matrix Nanocomposites. <i>Metals</i> , 2019 , 9, 330	2.3	96
27	Synthesis and recent advances in tribological applications of graphene. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 3999-4019	3.2	34
26	Graphene-Reinforced Metal and Polymer Matrix Composites. <i>Jom</i> , 2018 , 70, 829-836	2.1	26
25	Influence of environmental friendly multiphase lubricants on the friction and transfer layer formation during sliding against textured surfaces. <i>Journal of Cleaner Production</i> , 2019 , 209, 1245-1251	10.3	14
24	Advances in triboluminescence and mechanoluminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 19675-19690	2.1	13
23	Supersonic particle deposition as an additive technology: methods, challenges, and applications. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 106, 2079-2099	3.2	13
22	A Brief Review of Fly Ash as Reinforcement for Composites with Improved Mechanical and Tribological Properties. <i>Jom</i> , 2020 , 72, 2340-2351	2.1	13
21	Tribocorrosion of Porous Titanium Used in Biomedical Applications. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019 , 5, 1	2.9	12
20	Tribological performance of environmental friendly ionic liquids for high-temperature applications. <i>Journal of Cleaner Production</i> , 2021 , 279, 123666	10.3	11
19	Natural Adhesion System Leads to Synthetic Adhesives. <i>Journal of Bio- and Tribo-Corrosion</i> , 2018 , 4, 1	2.9	7
18	Improvement of Wear, Pitting Corrosion Resistance and Repassivation Ability of Mg-Based Alloys Using High Pressure Cold Sprayed (HPCS) Commercially Pure-Titanium Coatings. <i>Coatings</i> , 2021 , 11, 57	2.9	7
17	Tribocorrosion Performance of Tool Steel for Rock Drilling Process. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019 , 5, 1	2.9	5
16	In-Situ Fretting Wear Analysis of Electrical Connectors for Real System Applications. <i>Journal of Manufacturing and Materials Processing</i> , 2019 , 3, 47	2.2	5
15	Tribological Performance of Graphite Nanoplatelets Reinforced Al and Al/AlO Self-Lubricating Composites. <i>Materials</i> , 2021 , 14,	3.5	5
14	Friction Stir Processing on the Tribological, Corrosion, and Erosion Properties of Steel: A Review. <i>Journal of Manufacturing and Materials Processing</i> , 2021 , 5, 97	2.2	5
13	Tribological Properties of High-Entropy Alloys under Dry Conditions for a Wide Temperature Range-A Review. <i>Materials</i> , 2021 , 14,	3.5	4
12	Friction and Wear Behavior of Alumina Composites with In-Situ Formation of Aluminum Borate and Boron Nitride. <i>Materials</i> , 2020 , 13,	3.5	3

11	The effect of particulate additive mixtures on the tribological performance of phosphonium-based ionic liquid lubricants. <i>Tribology International</i> , 2022 , 165, 107300	4.9	3
10	Influence of laser shock peening on the surface energy and tribocorrosion properties of an AZ31B Mg alloy. <i>Wear</i> , 2020 , 462-463, 203490	3.5	3
9	Tribocorrosion Behavior of Inconel 718 Fabricated by Laser Powder Bed Fusion-Based Additive Manufacturing. <i>Coatings</i> , 2021 , 11, 195	2.9	3
8	Effect of Gas Propellant Temperature on the Microstructure, Friction, and Wear Resistance of High-Pressure Cold Sprayed Zr702 Coatings on Al6061 Alloy. <i>Coatings</i> , 2022 , 12, 263	2.9	3
7	Surface Engineering of Solar Cells to Improve Efficiency. <i>Jom</i> , 2019 , 71, 4319-4329	2.1	2
6	Corrosion performance of nanocomposite coatings in moist SO ₂ environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 106, 4769-4776	3.2	1
5	Role of B ₂ O ₃ and CaO in Al ₂ O ₃ Matrix Composite: In-Situ Phases, Density, Hardness and Wear Resistance. <i>Tribology International</i> , 2022 , 107588	4.9	1
4	Tribological interactions of 3D printed polyurethane and polyamide with water-responsive skin model. <i>Friction</i> , 1	5.6	0
3	Graphene aerogel and its composites: synthesis, properties and applications. <i>Journal of Porous Materials</i> , 1	2.4	0
2	Self-Lubricating Alumina Matrix Composites 2022 , 201-217		
1	Introduction to tribocorrosion 2021 , 1-16		