

# Taib Arif

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3918736/publications.pdf>

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12  
papers

300  
citations

1163117

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h-index

1281871

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12  
docs citations

12  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Humidity and Water Intercalation on the Tribological Behavior of Graphene and Graphene Oxide. ACS Applied Materials & Interfaces, 2018, 10, 22537-22544.	8.0	84
2	Hexagonal Boron Nitride for Sulfur Corrosion Inhibition. ACS Nano, 2020, 14, 14809-14819.	14.6	56
3	Damage-tolerant 3D-printed ceramics via conformal coating. Science Advances, 2021, 7, .	10.3	32
4	Understanding the Independent and Interdependent Role of Water and Oxidation on the Tribology of Ultrathin Molybdenum Disulfide (MoS <sub>2</sub> ). Advanced Materials Interfaces, 2019, 6, 1901246.	3.7	26
5	Tribo-films control in adaptive TiAlCrSiYN/TiAlCrN multilayer PVD coating by accelerating the initial machining conditions. Surface and Coatings Technology, 2016, 294, 54-61.	4.8	25
6	Corrosion Resistance of Sulfur- Selenium Alloy Coatings. Advanced Materials, 2021, 33, e2104467.	21.0	21
7	Friction of magnetene, a non-van der Waals 2D material. Science Advances, 2021, 7, eabk2041.	10.3	21
8	Gas-Phase Fluorination of Hexagonal Boron Nitride. Advanced Materials, 2021, 33, e2106084.	21.0	10
9	Influence of Workpiece Material on Tool Wear Performance and Tribofilm Formation in Machining Hardened Steel. Lubricants, 2016, 4, 10.	2.9	9
10	Interfacial Interactions and Tribological Behavior of Metal-Oxide/2D-Material Contacts. Tribology Letters, 2021, 69, 1.	2.6	8
11	Role of chemical vs. physical interfacial interaction and adsorbed water on the tribology of ultrathin 2D-material/steel interfaces. Tribology International, 2021, 163, 107194.	5.9	8
12	Sectorization of Macromolecular Single Crystals Unveiled by Probing Shear Anisotropy. ACS Macro Letters, 2022, 11, 53-59.	4.8	0