

# Yuan-Ching Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8748456/publications.pdf>

Version: 2024-02-01

17  
papers

100  
citations

1684188

5  
h-index

1588992

8  
g-index

17  
all docs

17  
docs citations

17  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous silica glass nano-grooving behavior investigated using molecular dynamics method. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 1443-1452.	2.4	4
2	Strength decay of wire ropes by corrosion and wear at different surface conditions. Materialpruefung/Materials Testing, 2022, 64, 809-819.	2.2	2
3	Atomic behavior of single-crystal Ti nanowire plastic deformation under high strain rate simple tension. International Journal of Advanced Manufacturing Technology, 2020, 109, 727-743.	3.0	3
4	Study on Tribological Behavior of Surface Micro-arc Oxidation 6061 Aluminum Alloy. , 2019, , .		3
5	Effects of Different Surface Patterns on Tribological Performance under Starved Lubrication. , 2019, , .		0
6	Study on Nano Grooving Process for Optical Quartz Glass by Molecular Dynamics Simulation Method. , 2019, , .		0
7	Wear Scar Evolution in Refrigeration Oil PAG and ZDDP-PAG Blend Oil Under EP Condition. , 2019, , .		0
8	Molecular dynamics simulation of nanoimprinting effects of silver thin films with impurities defects on copper substrate. , 2017, , .		1
9	Effect of precipitate interfacial bonding strength on mechanical behaviors in simple tension of [110] iron nanowire. , 2017, , .		0
10	Tribological performance evaluation of Hydrotreated Vegetable Oil blended with fossil diesel. , 2017, , .		1
11	Molecular dynamic simulation of stress evolution analysis in Cu nanowire under ultra-high strain-rate simple tension. Molecular Physics, 2014, 112, 1115-1122.	1.7	4
12	Tribological Performance of Engine Oil Blended with Various Diesel Fuels. Tribology Transactions, 2013, 56, 997-1010.	2.0	10
13	Material Flow Tracking for Various Tool Geometries During the Friction Stir Spot Welding Process. Journal of Materials Engineering and Performance, 2013, 22, 3674-3683.	2.5	20
14	Tribological Performance of EP Additives in Different Base Oils. Tribology Transactions, 2012, 55, 175-184.	2.0	13
15	Elucidation of microstructure and wear behaviors of TiAl <sub>4</sub> V cladding using tungsten boride powder by the GTAW method. Journal of Coatings Technology Research, 2011, 8, 247-253.	2.5	16
16	Analogous mechanical behaviors in langle 100angle and langle 110angle directions of Cu nanowires under tension and compression at a high strain rate. Nanotechnology, 2007, 18, 395705.	2.6	22
17	Using atomic response time to explore the effect of strain rate on yielding behaviors of tensile Cu nanowire with the molecular dynamic method. International Journal of Advanced Manufacturing Technology, 0, , 1.	3.0	1