

# 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	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
2	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
3	Elucidation of microstructure and wear behaviors of TiAl <sub>4</sub> cladding using tungsten boride powder by the GTAW method. Journal of Coatings Technology Research, 2011, 8, 247-253.	2.5	16
4	Tribological Performance of EP Additives in Different Base Oils. Tribology Transactions, 2012, 55, 175-184.	2.0	13
5	Tribological Performance of Engine Oil Blended with Various Diesel Fuels. Tribology Transactions, 2013, 56, 997-1010.	2.0	10
6	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
7	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
8	Study on Tribological Behavior of Surface Micro-arc Oxidation 6061 Aluminum Alloy. , 2019, , .		3
9	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
10	Strength decay of wire ropes by corrosion and wear at different surface conditions. Materialpruefung/Materials Testing, 2022, 64, 809-819.	2.2	2
11	Molecular dynamics simulation of nanoimprinting effects of silver thin films with impurities defects on copper substrate. , 2017, , .		1
12	Tribological performance evaluation of Hydrotreated Vegetable Oil blended with fossil diesel. , 2017, , .		1
13	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
14	Effect of precipitate interfacial bonding strength on mechanical behaviors in simple tension of [110] iron nanowire. , 2017, , .		0
15	Effects of Different Surface Patterns on Tribological Performance under Starved Lubrication. , 2019, , .		0
16	Study on Nano Grooving Process for Optical Quartz Glass by Molecular Dynamics Simulation Method. , 2019, , .		0
17	Wear Scar Evolution in Refrigeration Oil PAG and ZDDP-PAG Blend Oil Under EP Condition. , 2019, , .		0