

# Wei-Ting Hsu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6964863/publications.pdf>

Version: 2024-02-01

10  
papers

84  
citations

1684188

5  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surfaces with bent micro-polymerized pillars exhibit enhanced heat transfer during subcooled flow boiling. International Journal of Heat and Mass Transfer, 2022, 182, 121941.	4.8	5
2	Unidirectional wicking-driven flow boiling on tilted pillar structures for high-power applications. International Journal of Heat and Mass Transfer, 2022, 189, 122673.	4.8	2
3	Enhancement of flow boiling heat transfer using heterogeneous wettability patterned surfaces with varying inter-spacing. International Journal of Heat and Mass Transfer, 2021, 164, 120596.	4.8	29
4	Effect of misalignment at 2nd vane endwall on heat transfer with purge flow. International Journal of Heat and Mass Transfer, 2021, 170, 121034.	4.8	11
5	Measurement of heat/mass transfer at second stage vane endwall according to step heights. Journal of Mechanical Science and Technology, 2021, 35, 4575-4583.	1.5	2
6	Enhanced boiling heat transfer on micro-structured surfaces via ultrasonic actuation. International Communications in Heat and Mass Transfer, 2020, 113, 104512.	5.6	18
7	Experimental study of mixed convection heat transfer on the heated plate with the circular-nozzle synthetic jet. International Journal of Heat and Mass Transfer, 2016, 97, 559-568.	4.8	10
8	The effects of vent channels and metal conductive base on thermal characteristics of the active graphite-composite cylindrical heat sink. International Communications in Heat and Mass Transfer, 2016, 73, 7-15.	5.6	4
9	Design and Manufacture of a Novel LED Table Lamp with Flower Decoration. Smart Science, 2014, 2, 126-131.	3.2	2
10	Flow Visualization and Heat Transfer Characteristics of Oscillating Fluid through Pin-Fin Array in a Rectangular Channel. Advances in Mechanical Engineering, 2013, 5, 283830.	1.6	1