

# Aastha Uppal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11384327/publications.pdf>

Version: 2024-02-01

6  
papers

244  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxide-Mediated Formation of Chemically Stable Tungsten-Liquid Metal Mixtures for Enhanced Thermal Interfaces. <i>Advanced Materials</i> , 2019, 31, e1904309.	21.0	105
2	Inhibition of Condensation Frosting by Arrays of Hygroscopic Antifreeze Drops. <i>Langmuir</i> , 2015, 31, 13743-13752.	3.5	43
3	High Thermal Conductivity in Multiphase Liquid Metal and Silicon Carbide Soft Composites. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100069.	3.7	34
4	Pressure-Activated Thermal Transport via Oxide Shell Rupture in Liquid Metal Capsule Beds. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2625-2633.	8.0	24
5	Enhancing Thermal Transport in Silicone Composites via Bridging Liquid Metal Fillers with Reactive Metal Co-Fillers and Matrix Viscosity Tuning. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43348-43355.	8.0	21
6	Rapid and scalable lubrication and replenishment of liquid-infused materials. <i>Surface Innovations</i> , 2016, 4, 102-108.	2.3	17