

# Yoshitaka Ueki

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

192  
citations

8  
h-index

13  
g-index

33  
ext. papers

246  
ext. citations

2.6  
avg. IF

2.91  
L-index

#	Paper	IF	Citations
29	Molecular dynamics study of instantaneous interfacial thermal resistance of droplets on flat crystalline surface during cooling and ice formation. <i>International Journal of Heat and Mass Transfer</i> , <b>2022</b> , 194, 123004	4.9	1
28	Proof of concept of acoustic detection of boiling inception and state transition using deep neural network. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 129, 105675	5.8	1
27	Molecular dynamics simulation on effects of nanostructure on interfacial thermal resistance during condensation. <i>Journal of Thermal Science and Technology</i> , <b>2020</b> , 15, JTST0010-JTST0010	0.6	0
26	Molecular dynamic study of evaporation in nanoslit: Influence of slit geometry and wettability. <i>International Journal of Heat and Mass Transfer</i> , <b>2020</b> , 163, 120463	4.9	1
25	Experimental study of influence of nanoparticles adhesion and sedimentation layer on solid-liquid interfacial thermal resistance. <i>International Communications in Heat and Mass Transfer</i> , <b>2020</b> , 117, 104807	5.8	0
24	Thermal conductivity of nanofluids: A comparison of EMD and NEMD calculations. <i>International Journal of Heat and Mass Transfer</i> , <b>2019</b> , 144, 118695	4.9	10
23	Molecular dynamics study of thermal resistance of solid-liquid interface in contact with single layer of nanoparticles. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 120, 608-623	4.9	12
22	Molecular dynamics study on effects of nanostructured surfaces on heterogeneous nucleation of liquid droplets. <i>Transactions of the JSME (in Japanese)</i> , <b>2018</b> , 84, 17-00409-17-00409	0.2	1
21	Molecular dynamics study on effects of nanostructures on adsorption onto solid surface. <i>Computers and Fluids</i> , <b>2018</b> , 164, 12-17	2.8	5
20	Thermal conductivity of suspension fluids of fine carbon particles: Influence of sedimentation and aggregation diameter. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 127, 138-144	4.9	6
19	Molten salt thermal conductivity enhancement by mixing nanoparticles. <i>Fusion Engineering and Design</i> , <b>2018</b> , 136, 1295-1299	1.7	16
18	Japanese activities of the R&D on silicon carbide composites in the broader approach period and beyond. <i>Journal of Nuclear Materials</i> , <b>2018</b> , 511, 582-590	3.3	4
17	Thermal conductivity of molten salt-based nanofluid. <i>AIP Advances</i> , <b>2017</b> , 7, 055117	1.5	19
16	Ultrasonic Doppler Velocimetry Experiment of Lead-Lithium Flow with Oroshhi-2 Loop. <i>Fusion Science and Technology</i> , <b>2017</b> , 1-7	1.1	
15	Thermophysical properties of carbon-based material nanofluid. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 113, 1130-1134	4.9	16
14	UVP Measurement of Lead-Lithium Flow and Nuclear Fusion Engineering Research. <i>Journal of the Visualization Society of Japan</i> , <b>2016</b> , 36, 16-20	0	
13	Oxygen influence on ultrasonic Doppler velocimetry of lead-lithium flow using titanium transducer. <i>Fusion Engineering and Design</i> , <b>2014</b> , 89, 77-81	1.7	3

12	Gas absorption and discharge behaviors of lead-lithium. <i>Fusion Engineering and Design</i> , <b>2014</b> , 89, 1417-1420	1.7	2
11	Construction and initial operation of MHD PbLi facility at UCLA. <i>Fusion Engineering and Design</i> , <b>2013</b> , 88, 317-326	1.7	30
10	Status of MITAN Task 1B Flow Control and Thermofluid Modeling. <i>Fusion Engineering and Design</i> , <b>2012</b> , 87, 777-781	1.7	5
9	High-Temperature Ultrasonic Doppler Velocimetry for Lead-Lithium Flows. <i>Green Energy and Technology</i> , <b>2012</b> , 267-272	0.6	
8	Contact angle measurement of molten lead-lithium on silicon carbide surfaces. <i>Fusion Engineering and Design</i> , <b>2011</b> , 86, 2297-2300	1.7	4
7	Velocity Profile Measurement of Lead-Lithium Flows by High-Temperature Ultrasonic Doppler Velocimetry. <i>Fusion Science and Technology</i> , <b>2011</b> , 60, 506-510	1.1	8
6	Consideration of Heat Transfer Enhancement Mechanism of Nano- and Micro-Scale Porous Layer via Flow Visualization. <i>Heat Transfer Engineering</i> , <b>2011</b> , 32, 968-973	1.7	6
5	Experimental Investigation on Contact Angles of Molten Lead-Lithium on Silicon Carbide Surface. <i>Green Energy and Technology</i> , <b>2011</b> , 271-277	0.6	
4	Electrical insulation test of alumina coating fabricated by sol-gel method in molten PbLi pool. <i>Fusion Engineering and Design</i> , <b>2010</b> , 85, 1824-1828	1.7	22
3	Consideration of Alumina Coating Fabricated by Sol-Gel Method for PbLi Flow. <i>Green Energy and Technology</i> , <b>2010</b> , 373-379	0.6	
2	Acoustic Properties of Pb-17Li Alloy for Ultrasonic Doppler Velocimetry. <i>Fusion Science and Technology</i> , <b>2009</b> , 56, 846-850	1.1	19
1	Consideration of heat transfer enhancement mechanism using nano- and micro-scale porous layer <b>2008</b> ,		1