

# Peng-fei Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7639577/publications.pdf>

Version: 2024-02-01

14  
papers

125  
citations

1684188

5  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in minimizing the warpage and shrinkage deformations by the optimization of process parameters in plastic injection molding: a review. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 85-101.	3.0	52
2	Research on the non-uniform inflow characteristics of the canned nuclear coolant pump. <i>Annals of Nuclear Energy</i> , 2018, 115, 423-429.	1.8	25
3	Analysis of Pressure Pulsation Induced by Rotor-Stator Interaction in Nuclear Reactor Coolant Pump. <i>Shock and Vibration</i> , 2017, 2017, 1-18.	0.6	14
4	Numerical investigation of Tesla valves with a variable angle. <i>Physics of Fluids</i> , 2022, 34, .	4.0	13
5	Investigation on the boundary layer transition with the effects of periodic passing wakes. <i>Physics of Fluids</i> , 2020, 32, .	4.0	7
6	Creating monodispersed droplets with electrowetting-on-dielectric step emulsification. <i>AIP Advances</i> , 2018, 8, 075113.	1.3	4
7	Research of Modal Analysis for Impeller of Reactor Coolant Pump. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4551.	2.5	3
8	A resistance force model for spherical projectiles penetrating ballistic gelatin based on cavity expansion theory. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, , 095440622096483.	2.1	2
9	Design and optimization of the transition curve in the novel profiled chamber metering pump. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2020, 234, 435-446.	0.8	2
10	An adjoint-based optimization method for reducing the axial force of a reactor coolant pump. <i>Journal of Zhejiang University: Science A</i> , 2019, 20, 852-863.	2.4	1
11	Investigation of viscous effects on droplet generation in a co-flowing step emulsification device. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127468.	4.7	1
12	Patterning High-Resolution Microstructures on Thermoplastics by Ceramic Nanoparticles Filled Epoxy Coated Molds for Duplicating Nature-Derived Functional Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 28270-28279.	8.0	1
13	Numerical Investigation of the Turbulent Wake-Boundary Interaction in a Translational Cascade of Airfoils and Flat Plate. <i>Energies</i> , 2020, 13, 4478.	3.1	0
14	Modeling of penetration process of fragments in ballistic gelatin. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 3375-3386.	2.1	0