

Recent advances on the fundamental physical phenomena
thermophysical properties, heat transport, applications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Impact of Kelvin force on treatment of nanofluid with mathematical modeling. Applied Nanoscience (Switzerland), 0, , 1.	1.6	0
2	Numerical simulation of nanofluid transportation due to MHD within a porous space. Applied Nanoscience (Switzerland), 0, , 1.	1.6	0
3	Performance Augmentation of the Flat Plate Solar Thermal Collector: A Review. Energies, 2021, 14, 6203.	1.6	28
5	Non-linear radiative bioconvection flow of cross nano-material with gyrotatic microorganisms and activation energy. International Communications in Heat and Mass Transfer, 2021, 127, 105530.	2.9	44
6	Dynamics of hybrid nanofluid through a semi spherical porous fin with internal heat generation. Partial Differential Equations in Applied Mathematics, 2021, 4, 100150.	1.3	19
7	4E (Energy, Exergy, Economic, and Environment) examination of a small LFR solar water heater: An experimental and numerical study. Case Studies in Thermal Engineering, 2021, 27, 101277.	2.8	47
8	Nanomaterial migration due to magnetic field through a porous region utilizing numerical modeling. Chemical Physics Letters, 2021, 785, 139162.	1.2	2
9	Heat transfer enhancement in parabolic trough receivers using inserts: A review. Sustainable Energy Technologies and Assessments, 2021, 48, 101671.	1.7	6
10	Potential evaluation of hybrid nanofluids for solar thermal energy harvesting: A review of recent advances. Sustainable Energy Technologies and Assessments, 2021, 48, 101651.	1.7	16
11	Comparison of different lobe-injectors on fuel mixing characteristics of single jet at the supersonic combustion chamber. Aerospace Science and Technology, 2021, 119, 107193.	2.5	3
12	Thermophysical properties of water, water and ethylene glycol mixture-based nanodiamond-Fe ₃ O ₄ hybrid nanofluids: An experimental assessment and application of data-driven approaches. Journal of Molecular Liquids, 2022, 347, 117944.	2.3	58
13	Minimization of the entropy generation in MHD flow and heat transfer of nanofluid over a vertical cylinder under the influence of thermal radiation and slip condition. Heat Transfer, 2022, 51, 1790-1808.	1.7	4
14	Simulation of hybrid nanofluid flow within a microchannel heat sink considering porous media analyzing CPU stability. Journal of Petroleum Science and Engineering, 2022, 208, 109734.	2.1	93
15	The effects of ultrasonication power and time on the dispersion stability of few-layer graphene nanofluids under the constant ultrasonic energy consumption condition. Ultrasonics Sonochemistry, 2021, 80, 105816.	3.8	20
16	Solidification enhancement of phase change materials using nanoparticles and metal foams with nonuniform porosity. Journal of Energy Storage, 2021, 44, 103420.	3.9	11
17	Two-phase mixture simulation of the performance of a grooved helical microchannel heat sink filled with biologically prepared water-silver nanofluid: Hydrothermal characteristics and irreversibility behavior. Applied Thermal Engineering, 2022, 202, 117848.	3.0	23
18	4E (energy, exergy, economic and environmental) investigation of LFR using MXene based silicone oil nanofluids. Sustainable Energy Technologies and Assessments, 2022, 49, 101715.	1.7	10
19	Charging of phase change material layers through air heat exchanger considering TiO ₂ nanomaterial. Journal of Energy Storage, 2021, 47, 103652.	3.9	3

#	ARTICLE	IF	CITATIONS
20	Nanoconfined methane flow behavior through realistic organic shale matrix under displacement pressure: a molecular simulation investigation. <i>Journal of Petroleum Exploration and Production</i> , 2022, 12, 1193-1201.	1.2	37
21	Irreversibility and thermal analysis of ferrofluid with numerical modeling. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	1
22	Recent advances on improved optical, thermal, and radiative characteristics of plasmonic nanofluids: Academic insights and perspectives. <i>Solar Energy Materials and Solar Cells</i> , 2022, 236, 111504.	3.0	137
23	Comparison of convergent/divergent ramp on fuel mixing of single jet at supersonic crossflow. <i>Aerospace Science and Technology</i> , 2022, 120, 107236.	2.5	2
24	Numerical performance assessment of a solar greenhouse dryer for the drying of Olive Mill Wastewater. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	0
25	Conceptual analysis framework development to understand barriers of nanofluid commercialization. <i>Nano Energy</i> , 2022, 92, 106736.	8.2	106
26	Modeling approach for nanomaterial convective migration with inclusion of Lorentz force. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022, 102, e202100204.	0.9	3
27	Numerical Analysis of Unsteady Hybrid Nanofluid Flow Comprising CNTs-Ferrous oxide/Water with Variable Magnetic Field. <i>Nanomaterials</i> , 2022, 12, 180.	1.9	36
28	A flow behavior of Sutterby nanofluid near the catalytic parabolic surface. <i>International Communications in Heat and Mass Transfer</i> , 2022, 131, 105821.	2.9	15
29	Simulation for influence of Y-shape fin on phase change of paraffin inside triplex pipe with using Al ₂ O ₃ nanoparticles. <i>Journal of Energy Storage</i> , 2022, 46, 103878.	3.9	8
30	Flow structure and fuel mixing of hydrogen multi-jets in existence of upstream divergent ramp at supersonic combustion chamber. <i>Aerospace Science and Technology</i> , 2022, 121, 107299.	2.5	5
31	A study on heat transfer characteristics by impinging jet within a few amounts of mist. <i>International Journal of Thermofluids</i> , 2022, 13, 100130.	4.0	9
32	Bioconvection and activation energy dynamisms on radiative sutterby melting nanomaterial with gyrotactic microorganism. <i>Case Studies in Thermal Engineering</i> , 2022, 30, 101749.	2.8	36
33	Rheological behavior of hybrid nanofluids. , 2022, , 111-129.		0
34	Numerical study on enhanced melting heat transfer of PCM by the combined fractal fins. <i>Journal of Energy Storage</i> , 2022, 45, 103780.	3.9	38
35	Hydrothermal performance evaluation of super hydrophobic square pin fin mini channel heat sink. <i>Thermal Science</i> , 2022, 26, 3627-3640.	0.5	5
36	Numerical analysis of pressure drop and heat transfer of a Non-Newtonian nanofluids in a Li-ion battery thermal management system (BTMS) using bionic geometries. <i>Journal of Energy Storage</i> , 2022, 45, 103670.	3.9	14
37	Process intensification in gas-liquid mass transfer by nanofluids: Mechanism and current status. <i>Journal of Molecular Liquids</i> , 2022, 346, 118268.	2.3	16

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38	Numerical analysis of entropy generation in the stagnation point flow of Oldroyd-B nanofluid. <i>Waves in Random and Complex Media</i> , 0, , 1-17.	1.6	7
39	Graphene-Based Nanofluids: Production Parameter Effects on Thermophysical Properties and Dispersion Stability. <i>Nanomaterials</i> , 2022, 12, 357.	1.9	14
40	Hybrid Nanofluidsâ€™ Next-Generation Fluids for Spray-Cooling-Based Thermal Management of High-Heat-Flux Devices. <i>Nanomaterials</i> , 2022, 12, 507.	1.9	19
41	Synthesis, stability, density, viscosity of ethylene glycol-based ternary hybrid nanofluids: Experimental investigations and model -prediction using modern machine learning techniques. <i>Powder Technology</i> , 2022, 400, 117190.	2.1	99
42	Production forecast of fractured vertical wells in coalbed methane reservoirs: coupling dynamic drainage area. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	4
43	Shape effect of nanoparticles and entropy generation analysis for magnetohydrodynamic flow of Al_2O_3 -Cu/ H_2O hybrid nanomaterial under the influence of Hall current. <i>Indian Journal of Physics</i> , 2022, 96, 3817-3830.	0.9	13
44	Investigation of effective parameters on relative thermal conductivity of SWCNT (15%)-Fe ₃ O ₄ (85%)/water hybrid ferro-nanofluid and presenting a new correlation with response surface methodology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 645, 128625.	2.3	18
45	An overview of vapor compression refrigeration system performance enhancement mechanism by utilizing nanolubricants. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	2
46	Simulation on influences of Al ₂ O ₃ nanofluids as coolant for nuclear power plant based on modified empirical formula of nanofluids thermal properties at high temperature and high pressure. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 454-468.	1.2	2
47	Applications of Heat Exchanger in Solar Desalination: Current Issues and Future Challenges. <i>Water (Switzerland)</i> , 2022, 14, 852.	1.2	22
48	Generalized Nusselt Number Correlation for Binary Hybrid Nano-Oils as Heat Transfer Fluid in Solar Thermal Systems. <i>Journal of Heat Transfer</i> , 2022, 144, .	1.2	1
49	Numerical simulation of heat and mass transfer in magnetic nanofluid flow by a rotating disk with variable fluid properties. <i>International Communications in Heat and Mass Transfer</i> , 2022, 133, 105977.	2.9	41
50	Modeling and optimization of photovoltaic serpentine type thermal solar collector with thermal energy storage system for hot water and electricity generation for single residential building. <i>Environmental Science and Pollution Research</i> , 2022, 29, 59575-59591.	2.7	6
51	Thermal performance investigation of Therminol55/MWCNT+CuO nanofluid flow in a heat exchanger from an exergy and entropy approach. <i>Case Studies in Thermal Engineering</i> , 2022, 34, 102010.	2.8	17
52	Pore-scale simulation of nanoparticle transport and deposition in a microchannel using a Lagrangian approach. <i>Journal of Molecular Liquids</i> , 2022, 355, 118948.	2.3	11
53	Hybrid nanofluid analysis for a class of alumina particles. <i>Chinese Journal of Physics</i> , 2022, 77, 2550-2560.	2.0	7
54	Prediction of critical liquid loading time for water-producing gas wells: Effect of liquid drop rotation. <i>Journal of Petroleum Exploration and Production</i> , 0, , 1.	1.2	0
55	Impact of sonication durations on thermophysical properties, contact angle and surface tension of f-MWCNTs nanofluid for heat transfer. <i>Journal of Molecular Liquids</i> , 2022, 358, 119164.	2.3	16

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56	Design, Fabrication and Analysis for Al ₂ O ₃ /Ti/Al ₂ O ₃ Colored Solar Selective Absorbers for Building Applications. <i>Coatings</i> , 2022, 12, 521.	1.2	2
57	Magneto-bioconvection flow of hybrid nanofluid in the presence of oxytactic bacteria in a lid-driven cavity with a streamlined obstacle. <i>International Communications in Heat and Mass Transfer</i> , 2022, 134, 106029.	2.9	36
58	Performance characterization of a solar-powered shell and tube heat exchanger utilizing MWCNTs/water-based nanofluids: An experimental, numerical, and artificial intelligence approach. <i>Applied Thermal Engineering</i> , 2022, 212, 118633.	3.0	43
59	Annular variable-spacing fin arrangement in latent heat storage system. <i>Journal of Energy Storage</i> , 2022, 50, 104705.	3.9	1
60	In-situ high temperature study of the long-term stability and dielectric properties of nanofluids based on TiO ₂ and SiC dispersions in natural ester oil at various concentrations. <i>Journal of Molecular Liquids</i> , 2022, 359, 119284.	2.3	21
61	Proposing an Adaptive Neuro-Fuzzy System-Based Swarm Concept Method for Predicting the Physical Properties of Nanofluids. <i>International Journal of Chemical Engineering</i> , 2022, 2022, 1-11.	1.4	0
62	GBR-GSO based machine learning predictive model for estimating density of Al ₂ N ₃ , Si ₃ N ₄ , and TiN nanoparticles suspended in ethylene glycol nanofluids. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	8
63	Heat and Flow Study of the Internally Finned Tubes with Different Fin Geometries. <i>Applied System Innovation</i> , 2022, 5, 50.	2.7	3
64	The comparison of colloidal, optical, and solar collection characteristics between Fe ₂ O ₃ and Fe ₃ O ₄ nanofluids operated in an evacuated tubular volumetric absorption solar collector. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 135, 104381.	2.7	12
65	The thermal effects of multi-walled carbon nanotube concentration on an ultrasonic vibrating finned tube heat exchanger. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106098.	2.9	35
66	Experimental investigation of a volumetric solar collector using natural extract of <i>Azadirachta Indica</i> based heat transfer fluids. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102325.	1.7	5
67	Nano-sized neem plant particles as an electrode for electrochemical storage applications. <i>Ionics</i> , 2022, 28, 3787-3797.	1.2	7
68	Numerical Study on Pool Boiling of Hybrid Nanofluids Using RPI Model. <i>Fluids</i> , 2022, 7, 187.	0.8	1
69	The Modified Heat Flux Modeling in Nanoparticles (Fe ₃ O ₄ and Aggregation Nanoparticle) Based Fluid between Two Rotating Disks. <i>Energies</i> , 2022, 15, 4088.	1.6	3
70	Thermal performance enhancement of shell and helical coil heat exchanger using MWCNTs/water nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 12111-12126.	2.0	16
71	Numerical study of heat transport mechanism in hybrid nanofluid [(Cu-Al ₂ O ₃)/water] over a stretching/shrinking porous wedge. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2023, 237, 635-644.	1.4	7
72	The Effect of Acupressure on Severity of Pain and Level of Anxiety for Patients Post Coronary Artery Bypass Graft. <i>African Journal of Health, Nursing and Midwifery</i> , 2022, 5, 91-110.	0.0	2
73	Experimental study on the influence of a conical cavity's inclination angle and aspect ratio on thermal behavior of a cone cooled with nanofluid saturated porous media. <i>Experimental Heat Transfer</i> , 2023, 36, 970-983.	2.3	0

#	ARTICLE	IF	CITATIONS
74	PLGA-Based Nanoplatfoms in Drug Delivery for Inhibition and Destruction of Microbial Biofilm. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	15
75	Effects of surfactant and MoO ₃ nanofluid on tribological and machining characteristics in minimum quantity lubrication (MQL)-turning of AISI 304 steel. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892211059.	1.4	4
76	Synthesis of copper nanoparticles from the aqueous extract of <i>Cynodon dactylon</i> and evaluation of its antimicrobial and photocatalytic properties. <i>Food and Chemical Toxicology</i> , 2022, 166, 113245.	1.8	22
77	Enhanced Hydraulic-Driven Piezoelectric Ozonation Performance by Cnts/Batio ₃ Nanocatalyst for Ibuprofen Removal. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
78	Investigation of atomic and thermal behavior of ammonia/copper nano-refrigerant flow in a nanochannel using molecular dynamics simulation. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	1
79	Convective flow of a Williamson hybrid nanofluid in a porous medium through a cone and wedge with the effect of the shape of nanoparticles. <i>Heat Transfer</i> , 2022, 51, 7009-7029.	1.7	6
80	Z-scheme systems: From fundamental principles to characterization, synthesis, and photocatalytic fuel-conversion applications. <i>Physics Reports</i> , 2022, 983, 1-41.	10.3	69
81	An overview on synthesis procedures of nanoparticles applied to enhanced oil recovery. <i>Petroleum Science and Technology</i> , 2024, 42, 357-371.	0.7	1
82	Thermoeconomic optimization of cascade refrigeration system using computational intelligence techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , .	2.0	0
83	Augmentation of pool boiling performance using Ag/ZnO hybrid nanofluid over EDM assisted robust heater surface modification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 655, 130150.	2.3	4
84	Assessment of machining performance parameters of nanofluid-based MQL-turning: An experimental analysis and CFD modelling. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 0, , 095440892211220.	1.4	0
85	Rheology of Variable Viscosity-Based Mixed Convective Inclined Magnetized Cross Nanofluid with Varying Thermal Conductivity. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 9041.	1.3	13
86	Optimising pool boiling performance of hybrid nanofluids through desirability function analysis. <i>Materials Today: Proceedings</i> , 2023, 72, 787-793.	0.9	1
87	Quadratic regression estimation of hybridized nanofluid flow using Galerkin finite element technique considering shape of nano solid particles. <i>Frontiers in Energy Research</i> , 0, 10, .	1.2	3
88	Thermal behavior of a conical antenna cooled with nanofluid saturated porous media: effects of the cavity's inclination and aspect ratio. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 3935-3947.	1.6	2
89	Influence of radiative heat on MHD Cu-Si/water dusty-nanofluid flow above an enlarging sheet. <i>Waves in Random and Complex Media</i> , 0, , 1-20.	1.6	3
90	Review on Coupled Thermo-Hydraulic Performance of Nanofluids and Microchannels. <i>Nanomaterials</i> , 2022, 12, 3979.	1.9	3
91	An Experimental Assessment into the Pressure and Thermal Efficacy of Chemically Synthesized Nanofluids in Computer Cooling Applications. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-16.	1.5	0

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92	Optimization and design of ANN with Levenberg-Marquardt algorithm to increase the accuracy in predicting the viscosity of SAE40 oil-based hybrid nano-lubricant. Powder Technology, 2023, 415, 118097.	2.1	7
93	Enhanced Hydraulic-driven piezoelectric ozonation performance by CNTs/BaTiO ₃ nanocatalyst for Ibuprofen removal. Chemical Engineering Journal, 2023, 454, 139928.	6.6	7
94	Application of Corcione correlation in a nanofluid flow on a bidirectional stretching surface with Cattaneo-Christov heat flux and heat generation/absorption. Numerical Heat Transfer; Part A: Applications, 2023, 84, 569-585.	1.2	5
95	A holistic and state-of-the-art review of nanotechnology in solar cells. Sustainable Energy Technologies and Assessments, 2022, 54, 102864.	1.7	6
96	Experimental thermal performance investigation of a direct absorption solar collector using hybrid nanofluid of gold nanoparticles with natural extract of Azadirachta Indica leaves. Renewable Energy, 2023, 202, 1021-1031.	4.3	22
97	Review of stability enhanced nanofluids prepared by one-step methods: heat transfer mechanism and thermo-physical properties. Chemical Engineering Communications, 2023, 210, 1822-1852.	1.5	3
98	Chemically Modified Silicone Oil with Enhanced Tribological and Anti-Foaming Properties. Lubricants, 2022, 10, 364.	1.2	3
99	Photomagnetically Powered Spiky Nanomachines with Thermal Control of Viscosity for Enhanced Cancer Mechanotherapy. Advanced Materials, 2023, 35, .	11.1	5
100	Nanolubricants in refrigeration systems: a state-of-the-art review and latest developments. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2023, 45, .	0.8	3
101	Amelioration of pool boiling performance using hybrid nanofluids over EDMed surfaces. Journal of Thermal Analysis and Calorimetry, 0, , .	2.0	0
102	CFD Study of MHD and Elastic Wall Effects on the Nanofluid Convection Inside a Ventilated Cavity Including Perforated Porous Object. Mathematics, 2023, 11, 695.	1.1	4
103	Modified Buongiorno's model for the analysis of chemically reacting jet flow of ternary hybrid nanofluid under the influence of activation energy and bioactive mixers. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2023, 103, .	0.9	3
104	Effect of magnetic field locations on thermo-magnetic convection performance of Fe ₃ O ₄ /H ₂ O ferrofluid flowing in a novel dimpled tube: An experimental study. Applied Thermal Engineering, 2023, 226, 120305.	3.0	3
105	A holistic review of MXenes for solar device applications: Synthesis, characterization, properties and stability. FlatChem, 2023, 39, 100493.	2.8	6
106	The dynamic stability of silicone oil-based MWCNT nanofluids under high-temperature, high-flux irradiation, and shear-flow conditions. Powder Technology, 2023, 424, 118508.	2.1	5
107	Direct absorption solar collector: Use of nanofluids and biodegradable colloids. International Journal of Thermal Sciences, 2023, 190, 108292.	2.6	3
108	Synthesis, stability, and heat transfer behavior of water and graphene nanoplatelet-based nanofluid for cool thermal storage applications. Journal of Energy Storage, 2023, 64, 107219.	3.9	9
109	Improvement in stability and thermophysical properties of CNC-MXene nanolubricant for Tribology application. Journal of Molecular Liquids, 2023, 381, 121695.	2.3	6

#	ARTICLE	IF	CITATIONS
110	Synthesis of dual physical self-healing starch-based hydrogels for repairing tissue defects. <i>Polymer Engineering and Science</i> , 2023, 63, 798-810.	1.5	4
111	Thermal analysis of viscoelastic radiative flow of tri-hybrid nanofluid over a rotating disk using different shaped nanoparticles with applications. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2023, 103, .	0.9	3
112	Fractional analysis of radiative blood transport through a porous channel containing multishaped cobalt nanoparticles: An application to hemodynamics. <i>Heat Transfer</i> , 2023, 52, 3453-3488.	1.7	0
113	Surface modification effects of CaCO ₃ and TiO ₂ nanoparticles in nonpolar solvents. <i>Journal of Dispersion Science and Technology</i> , 0, , 1-10.	1.3	0
114	Investigation of the Three-Dimensional Hybrid Casson Nanofluid Flow: A Cattaneo-Christov Theory. <i>ACS Omega</i> , 2023, 8, 10991-11002.	1.6	5
115	Evaluation of Thermophysical Properties and Thermal Performance of Amine-Functionalized Graphene Oxide/Deep Eutectic Solvent Nanofluids as Heat-Transfer Media for Desalination Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2023, 11, 5376-5389.	3.2	10
116	A nonlinear autoregressive with external input neural network for predicting the nonlinear dynamics of supercontinuum generation in optical fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 0, , .	0.9	0
117	Reliable prediction of thermophysical properties of nanofluids for enhanced heat transfer in process industry: a perspective on bridging the gap between experiments, CFD and machine learning. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 5859-5881.	2.0	5
118	Synthesis and characterization of silica-based nanofluids for enhanced oil recovery. <i>Journal of Materials Research and Technology</i> , 2023, 24, 4143-4152.	2.6	7
119	SOLAR ENERGY ENCOURAGEMENT IN SOLAR HVAC USING EYRING-POWELL TERNARY-HYBRID NANOFUID FLOW IN POROUS MEDIUM WITH CATTANEO-CHRISTOV HEAT AND MASS FLUXES. <i>Special Topics and Reviews in Porous Media</i> , 2023, 14, 71-91.	0.6	2
120	Experimental investigation on the static and dynamic stability of water-based graphene nanofluids prepared by one-step liquid phase shear exfoliation of graphite. <i>Journal of Molecular Liquids</i> , 2023, 381, 121848.	2.3	6
162	Nanoparticle-enhanced coolants in machining: mechanism, application, and prospects. <i>Frontiers of Mechanical Engineering</i> , 2023, 18, .	2.5	6
168	Stagnation-point flow of a hybrid nanofluid using a modified Buongiorno nanofluid model. <i>AIP Conference Proceedings</i> , 2024, , .	0.3	0