

Mohammad Mohsen Sarafraz

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113
papers

4,981
citations

52
h-index

66
g-index

119
ext. papers

5,734
ext. citations

4.3
avg, IF

6.85
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 113 | Numerical study on mixed convection of a non-Newtonian nanofluid with porous media in a two lid-driven square cavity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 1121-1145 | 4.1 | 115 |
| 112 | Diurnal thermal evaluation of an evacuated tube solar collector (ETSC) charged with graphene nanoplatelets-methanol nano-suspension. <i>Renewable Energy</i> , 2019 , 142, 364-372 | 8.1 | 110 |
| 111 | Low-frequency vibration for fouling mitigation and intensification of thermal performance of a plate heat exchanger working with CuO/water nanofluid. <i>Applied Thermal Engineering</i> , 2017 , 121, 388-399 ⁵⁸ | 5.8 | 102 |
| 110 | Experimental Investigation on Thermal Performance of a PV/T-PCM (Photovoltaic/Thermal) System Cooling with a PCM and Nanofluid. <i>Energies</i> , 2019 , 12, 2572 | 3.1 | 91 |
| 109 | Scale formation and subcooled flow boiling heat transfer of CuO/water nanofluid inside the vertical annulus. <i>Experimental Thermal and Fluid Science</i> , 2014 , 52, 205-214 | 3 | 91 |
| 108 | Thermal performance analysis of a microchannel heat sink cooling with copper oxide-indium (CuO/In) nano-suspensions at high-temperatures. <i>Applied Thermal Engineering</i> , 2018 , 137, 700-709 | 5.8 | 90 |
| 107 | Pool boiling heat transfer characteristics of iron oxide nano-suspension under constant magnetic field. <i>International Journal of Thermal Sciences</i> , 2020 , 147, 106131 | 4.1 | 90 |
| 106 | Thermal performance of a heat sink microchannel working with biologically produced silver-water nanofluid: Experimental assessment. <i>Experimental Thermal and Fluid Science</i> , 2018 , 91, 509-519 | 3 | 90 |
| 105 | Thermal Assessment of Nano-Particulate Graphene-Water/Ethylene Glycol (WEG 60:40) Nano-Suspension in a Compact Heat Exchanger. <i>Energies</i> , 2019 , 12, 1929 | 3.1 | 87 |
| 104 | Intensification of forced convection heat transfer using biological nanofluid in a double-pipe heat exchanger. <i>Experimental Thermal and Fluid Science</i> , 2015 , 66, 279-289 | 3 | 87 |
| 103 | Green synthesis of silver nanoparticles using green tea leaves: Experimental study on the morphological, rheological and antibacterial behaviour. <i>Heat and Mass Transfer</i> , 2017 , 53, 3201-3209 | 2.2 | 87 |
| 102 | On the convective thermal performance of a CPU cooler working with liquid gallium and CuO/water nanofluid: A comparative study. <i>Applied Thermal Engineering</i> , 2017 , 112, 1373-1381 | 5.8 | 87 |
| 101 | Heat transfer, pressure drop and fouling studies of multi-walled carbon nanotube nano-fluids inside a plate heat exchanger. <i>Experimental Thermal and Fluid Science</i> , 2016 , 72, 1-11 | 3 | 85 |
| 100 | Critical heat flux and pool boiling heat transfer analysis of synthesized zirconia aqueous nano-fluids. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 70, 75-83 | 5.8 | 85 |
| 99 | Smart optimization of a thermosyphon heat pipe for an evacuated tube solar collector using response surface methodology (RSM). <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 534, 122146 | 3.3 | 81 |
| 98 | Convective boiling and particulate fouling of stabilized CuO-ethylene glycol nanofluids inside the annular heat exchanger. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 53, 116-123 | 5.8 | 81 |
| 97 | Pool boiling heat transfer to CuO-H ₂ O nanofluid on finned surfaces. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 156, 119780 | 4.9 | 78 |

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| 96 | Thermal performance analysis of a flat heat pipe working with carbon nanotube-water nanofluid for cooling of a high heat flux heater. <i>Heat and Mass Transfer</i> , 2018 , 54, 985-997 | 2.2 | 77 |
| 95 | Thermal performance and efficiency of a thermosyphon heat pipe working with a biologically ecofriendly nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 57, 297-303 | 5.8 | 77 |
| 94 | Thermal performance of a counter-current double pipe heat exchanger working with COOH-CNT/water nanofluids. <i>Experimental Thermal and Fluid Science</i> , 2016 , 78, 41-49 | 3 | 77 |
| 93 | Fouling formation and thermal performance of aqueous carbon nanotube nanofluid in a heat sink with rectangular parallel microchannel. <i>Applied Thermal Engineering</i> , 2017 , 123, 29-39 | 5.8 | 76 |
| 92 | Role of nanofluid fouling on thermal performance of a thermosyphon: Are nanofluids reliable working fluid?. <i>Applied Thermal Engineering</i> , 2015 , 82, 212-224 | 5.8 | 76 |
| 91 | Demonstration of plausible application of gallium nano-suspension in microchannel solar thermal receiver: Experimental assessment of thermo-hydraulic performance of microchannel. <i>International Communications in Heat and Mass Transfer</i> , 2018 , 94, 39-46 | 5.8 | 76 |
| 90 | Pool boiling heat transfer to dilute copper oxide aqueous nanofluids. <i>International Journal of Thermal Sciences</i> , 2015 , 90, 224-237 | 4.1 | 75 |
| 89 | Effects of magnetic field on micro cross jet injection of dispersed nanoparticles in a microchannel. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 30, 2683-2704 | 4.5 | 75 |
| 88 | Particulate fouling of CuO/water nanofluid at isothermal diffusive condition inside the conventional heat exchanger-experimental and modeling. <i>Experimental Thermal and Fluid Science</i> , 2015 , 60, 83-95 | 3 | 73 |
| 87 | Thermal behavior of aqueous iron oxide nano-fluid as a coolant on a flat disc heater under the pool boiling condition. <i>Heat and Mass Transfer</i> , 2017 , 53, 265-275 | 2.2 | 72 |
| 86 | Assessment of the thermal performance of a thermosyphon heat pipe using zirconia-acetone nanofluids. <i>Renewable Energy</i> , 2019 , 136, 884-895 | 8.1 | 72 |
| 85 | On the fouling formation of functionalized and non-functionalized carbon nanotube nano-fluids under pool boiling condition. <i>Applied Thermal Engineering</i> , 2016 , 95, 433-444 | 5.8 | 72 |
| 84 | Experimental study on the thermal performance and efficiency of a copper made thermosyphon heat pipe charged with alumina/glycol based nanofluids. <i>Powder Technology</i> , 2014 , 266, 378-387 | 5.2 | 70 |
| 83 | Experimental studies on the stability of CuO nanoparticles dispersed in different base fluids: influence of stirring, sonication and surface active agents. <i>Heat and Mass Transfer</i> , 2016 , 52, 55-62 | 2.2 | 69 |
| 82 | Study of Two-Phase Newtonian Nanofluid Flow Hybrid with Hafnium Particles under the Effects of Slip. <i>Inventions</i> , 2020 , 5, 6 | 2.9 | 69 |
| 81 | Comparatively experimental study on the boiling thermal performance of metal oxide and multi-walled carbon nanotube nanofluids. <i>Powder Technology</i> , 2016 , 287, 412-430 | 5.2 | 69 |
| 80 | Sedimentation and convective boiling heat transfer of CuO-water/ethylene glycol nanofluids. <i>Heat and Mass Transfer</i> , 2014 , 50, 1237-1249 | 2.2 | 68 |
| 79 | Thermal Performance and Viscosity of Biologically Produced Silver/Coconut Oil Nanofluids. <i>Chemical and Biochemical Engineering Quarterly</i> , 2017 , 30, 489-500 | 1.8 | 65 |

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| 78 | Experimental investigation on the pool boiling heat transfer to aqueous multi-walled carbon nanotube nanofluids on the micro-finned surfaces. <i>International Journal of Thermal Sciences</i> , 2016 , 100, 255-266 | 4.1 | 65 |
| 77 | Forced convective and subcooled flow boiling heat transfer to pure water and n-heptane in an annular heat exchanger. <i>Annals of Nuclear Energy</i> , 2013 , 53, 401-410 | 1.7 | 64 |
| 76 | Boiling Heat Transfer of Alumina Nano-Fluids: Role of Nanoparticle Deposition on the Boiling Heat Transfer Coefficient. <i>Periodica Polytechnica: Chemical Engineering</i> , 2016 , 60, 252-258 | 1.3 | 64 |
| 75 | Thermal and hydraulic analysis of a rectangular microchannel with gallium-copper oxide nano-suspension. <i>Journal of Molecular Liquids</i> , 2018 , 263, 382-389 | 6 | 63 |
| 74 | Nucleate pool boiling heat transfer characteristics of dilute Al ₂ O ₃ /ethylene glycol nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 58, 96-104 | 5.8 | 63 |
| 73 | Numerical Simulation of Natural Convection Heat Transfer of Nanofluid With Cu, MWCNT, and Al ₂ O ₃ Nanoparticles in a Cavity With Different Aspect Ratios. <i>Journal of Thermal Science and Engineering Applications</i> , 2019 , 11, | 1.9 | 62 |
| 72 | Fluid and heat transfer characteristics of aqueous graphene nanoplatelet (GNP) nanofluid in a microchannel. <i>International Communications in Heat and Mass Transfer</i> , 2019 , 107, 24-33 | 5.8 | 62 |
| 71 | Experimental study on subcooled flow boiling heat transfer to water/ethylene glycol mixtures as a coolant inside a vertical annulus. <i>Experimental Thermal and Fluid Science</i> , 2013 , 50, 154-162 | 3 | 60 |
| 70 | Pool boiling heat transfer to aqueous alumina nano-fluids on the plain and concentric circular micro-structured (CCM) surfaces. <i>Experimental Thermal and Fluid Science</i> , 2016 , 72, 125-139 | 3 | 58 |
| 69 | Potential of Solar Collectors for Clean Thermal Energy Production in Smart Cities using Nanofluids: Experimental Assessment and Efficiency Improvement. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1877 | 2.6 | 57 |
| 68 | Flow boiling heat transfer to MgO-therminol 66 heat transfer fluid: Experimental assessment and correlation development. <i>Applied Thermal Engineering</i> , 2018 , 138, 552-562 | 5.8 | 57 |
| 67 | Potential use of liquid metal oxides for chemical looping gasification: A thermodynamic assessment. <i>Applied Energy</i> , 2017 , 195, 702-712 | 10.7 | 56 |
| 66 | Heat transfer evaluation of a micro heat exchanger cooling with spherical carbon-acetone nanofluid. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 149, 119124 | 4.9 | 55 |
| 65 | Thermal Evaluation of Graphene Nanoplatelets Nanofluid in a Fast-Responding HP with the Potential Use in Solar Systems in Smart Cities. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2101 | 2.6 | 54 |
| 64 | Enhancement of heat transfer in peristaltic flow in a permeable channel under induced magnetic field using different CNTs. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 1277-1291 | 4.1 | 54 |
| 63 | Thermal evaluation of a heat pipe working with n-pentane-acetone and n-pentane-methanol binary mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 2435-2445 | 4.1 | 53 |
| 62 | Forced Convective and Nucleate Flow Boiling Heat Transfer to Alumnia Nanofluids. <i>Periodica Polytechnica: Chemical Engineering</i> , 2014 , 58, 37 | 1.3 | 52 |
| 61 | Rheological behaviour of various metal-based nano-fluids between rotating discs: a new insight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 88, 37-48 | 5.3 | 51 |

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| 60 | Heat transfer analysis of Ga-In-Sn in a compact heat exchanger equipped with straight micro-passages. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 139, 675-684 | 4.9 | 49 |
| 59 | Operation analysis, response and performance evaluation of a pulsating heat pipe for low temperature heat recovery. <i>Energy Conversion and Management</i> , 2020 , 222, 113230 | 10.6 | 49 |
| 58 | Transient pool boiling and particulate deposition of copper oxide nano-suspensions. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 155, 119743 | 4.9 | 48 |
| 57 | Enhancement of nucleate pool boiling heat transfer to dilute binary mixtures using endothermic chemical reactions around the smoothed horizontal cylinder. <i>Heat and Mass Transfer</i> , 2012 , 48, 1755-1765 ² | 3.2 | 47 |
| 56 | Upward Flow Boiling to DI-Water and CuO Nanofluids Inside the Concentric Annuli. <i>Journal of Applied Fluid Mechanics</i> , 2015 , 8, 651-659 | 1.5 | 43 |
| 55 | Nanofluids as secondary fluid in the refrigeration system: Experimental data, regression, ANFIS, and NN modeling. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 144, 118635 | 4.9 | 41 |
| 54 | Subcooled flow boiling heat transfer of ethanol aqueous solutions in vertical annulus space. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2012 , 18, 315-327 | 0.7 | 41 |
| 53 | Numerical investigation of mixed convection heat transfer behavior of nanofluid in a cavity with different heat transfer areas. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 2779-2803 | 4.1 | 40 |
| 52 | Nucleate pool boiling of aqueous solution of citric acid on a smoothed horizontal cylinder. <i>Heat and Mass Transfer</i> , 2012 , 48, 611-619 | 2.2 | 39 |
| 51 | The relative performance of alternative oxygen carriers for liquid chemical looping combustion and gasification. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 16396-16407 | 6.7 | 36 |
| 50 | Reforming of methanol with steam in a micro-reactor with Cu ₂ SiO ₂ porous catalyst. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 19628-19639 | 6.7 | 36 |
| 49 | Heat Transfer of Oil/MWCNT Nanofluid Jet Injection Inside a Rectangular Microchannel. <i>Symmetry</i> , 2019 , 11, 757 | 2.7 | 36 |
| 48 | Influence of thermodynamic models on the prediction of pool boiling heat transfer coefficient of dilute binary mixtures. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 1303-1310 | 5.8 | 35 |
| 47 | Experimental thermal energy assessment of a liquid metal eutectic in a microchannel heat exchanger equipped with a (10 Hz/50 Hz) resonator. <i>Applied Thermal Engineering</i> , 2019 , 148, 578-590 | 5.8 | 35 |
| 46 | Nucleate pool boiling heat transfer of binary nano mixtures under atmospheric pressure around a smooth horizontal cylinder. <i>Periodica Polytechnica: Chemical Engineering</i> , 2013 , 57, 71 | 1.3 | 32 |
| 45 | Thermal analysis and thermo-hydraulic characteristics of zirconia/water nanofluid under a convective boiling regime. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 2413-2422 | 4.1 | 30 |
| 44 | Application of thermodynamic models to estimating the convective flow boiling heat transfer coefficient of mixtures. <i>Experimental Thermal and Fluid Science</i> , 2014 , 53, 70-85 | 3 | 29 |
| 43 | Potential application of Response Surface Methodology (RSM) for the prediction and optimization of thermal conductivity of aqueous CuO (II) nanofluid: A statistical approach and experimental validation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 554, 124353 | 3.3 | 28 |

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| 42 | Experimental investigation and performance optimisation of a catalytic reforming micro-reactor using response surface methodology. <i>Energy Conversion and Management</i> , 2019 , 199, 111983 | 10.6 | 25 |
| 41 | Potential of molten lead oxide for liquid chemical looping gasification (LCLG): A thermochemical analysis. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 4195-4210 | 6.7 | 22 |
| 40 | Heat transfer and pressure drop characteristics of MgO nanofluid in a double pipe heat exchanger. <i>Heat and Mass Transfer</i> , 2019 , 55, 1769-1781 | 2.2 | 22 |
| 39 | Thermodynamic potential of a high-concentration hybrid photovoltaic/thermal plant for co-production of steam and electricity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1389-1398 | 4.1 | 22 |
| 38 | Development of human respiratory airway models: A review. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 145, 105233 | 5.1 | 20 |
| 37 | Convective Bubbly Flow of Water in an Annular Pipe: Role of Total Dissolved Solids on Heat Transfer Characteristics and Bubble Formation. <i>Water (Switzerland)</i> , 2019 , 11, 1566 | 3 | 18 |
| 36 | Experimental studies on nucleate pool boiling heat transfer to ethanol/MEG/DEG ternary mixture as a new coolant. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2012 , 18, 577-586 | 0.7 | 18 |
| 35 | Development of a new correlation for estimating pool boiling heat transfer coefficient of MEG/DEG/water ternary mixture. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2012 , 18, 11-18 | 0.7 | 16 |
| 34 | Thermodynamic assessment and techno-economic analysis of a liquid indium-based chemical looping system for biomass gasification. <i>Energy Conversion and Management</i> , 2020 , 225, 113428 | 10.6 | 15 |
| 33 | High Quality Syngas Production with Supercritical Biomass Gasification Integrated with a Water-Gas Shift Reactor. <i>Energies</i> , 2019 , 12, 2591 | 3.1 | 14 |
| 32 | Experimental investigation of the reduction of liquid bismuth oxide with graphite. <i>Fuel Processing Technology</i> , 2019 , 188, 110-117 | 7.2 | 13 |
| 31 | Assessment of Iron Oxide (III)Therminol 66 Nanofluid as a Novel Working Fluid in a Convective Radiator Heating System for Buildings. <i>Energies</i> , 2019 , 12, 4327 | 3.1 | 13 |
| 30 | Contact angle and heat transfer characteristics of a gravity-driven film flow of a particulate liquid metal on smooth and rough surfaces. <i>Applied Thermal Engineering</i> , 2019 , 149, 602-612 | 5.8 | 13 |
| 29 | Thermodynamic potential of a novel plasma-assisted sustainable process for co-production of ammonia and hydrogen with liquid metals. <i>Energy Conversion and Management</i> , 2020 , 210, 112709 | 10.6 | 12 |
| 28 | The thermo-chemical potential liquid chemical looping gasification with bismuth oxide. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 8038-8050 | 6.7 | 11 |
| 27 | Artificial boiling heat transfer in the free convection to carbonic acid solution. <i>Experimental Thermal and Fluid Science</i> , 2011 , 35, 645-652 | 3 | 11 |
| 26 | Energetic Analysis of Different Configurations of Power Plants Connected to Liquid Chemical Looping Gasification. <i>Processes</i> , 2019 , 7, 763 | 2.9 | 11 |
| 25 | Heat transfer and fluid flow of MgO/ethylene glycol in a corrugated heat exchanger. <i>Journal of Mechanical Science and Technology</i> , 2018 , 32, 3975-3982 | 1.6 | 10 |

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| 24 | Pool boiling under the magnetic environment: experimental study on the role of magnetism in particulate fouling and bubbling of iron oxide/ethylene glycol nano-suspension. <i>Heat and Mass Transfer</i> , 2019 , 55, 119-132 | 2.2 | 10 |
| 23 | Experimental studies on the effect of water contaminants in convective boiling heat transfer. <i>Ain Shams Engineering Journal</i> , 2014 , 5, 553-568 | 4.4 | 8 |
| 22 | Fundamental and subphenomena of boiling heat transfer. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1815-1832 | 4.1 | 8 |
| 21 | Sustainable three-stage chemical looping ammonia production (3CLAP) process. <i>Energy Conversion and Management</i> , 2021 , 229, 113735 | 10.6 | 8 |
| 20 | Marangoni effect on the thermal performance of glycerol/water mixture in microchannel. <i>Applied Thermal Engineering</i> , 2019 , 161, 114142 | 5.8 | 7 |
| 19 | Thermal and hydraulic performance of a heat exchanger working with carbon-water nanofluid. <i>Heat and Mass Transfer</i> , 2019 , 55, 3443-3453 | 2.2 | 6 |
| 18 | Boiling Thermal Performance of TiO ₂ Aqueous NanoFluids as a Coolant on a Disc Copper Block. <i>Periodica Polytechnica: Chemical Engineering</i> , 2015 , | 1.3 | 6 |
| 17 | The resource gateway: Microfluidics and requirements engineering for sustainable space systems. <i>Chemical Engineering Science</i> , 2020 , 225, 115774 | 4.4 | 6 |
| 16 | Statistical and experimental investigation on flow boiling heat transfer to carbon nanotube-therminol nanofluid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 536, 122505 | 3.3 | 5 |
| 15 | Performance index improvement of a double-pipe cooler with MgO/water-ethylene glycol (50:50) nano-suspension. <i>Propulsion and Power Research</i> , 2020 , 9, 75-86 | 3.6 | 5 |
| 14 | Potentials of boiling heat transfer in advanced thermal energy systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1833-1854 | 4.1 | 5 |
| 13 | Pool boiling heat transfer to zinc oxide-ethylene glycol nano-suspension near the critical heat flux. <i>Journal of Mechanical Science and Technology</i> , 2018 , 32, 2309-2315 | 1.6 | 5 |
| 12 | Phase change heat transfer induced by plasmon heat generation in liquid micro-layer inside a micro-reactor. <i>Journal of Energy Storage</i> , 2021 , 42, 103033 | 7.8 | 5 |
| 11 | Radiation Heat Transfer in a Complex Geometry Containing Anisotropically-Scattering Mie Particles. <i>Energies</i> , 2019 , 12, 3986 | 3.1 | 4 |
| 10 | Thermal and flow characteristics of liquid flow in a 3D-printed micro-reactor: A numerical and experimental study. <i>Applied Thermal Engineering</i> , 2021 , 199, 117531 | 5.8 | 4 |
| 9 | Enzymatic pretreatment of recycled grease trap waste in batch and continuous-flow reactors for biodiesel production. <i>Chemical Engineering Journal</i> , 2021 , 426, 131703 | 14.7 | 4 |
| 8 | Fluid-structure interaction computational analysis and experiments of tsunami bore forces on coastal bridges. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 1373-1395 | 4.5 | 3 |
| 7 | Effect of swirling flow and particle-release pattern on drug delivery to human tracheobronchial airways. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021 , 20, 2451-2469 | 3.8 | 3 |

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| 6 | Enhancement of the pool boiling heat transfer coefficient using the gas injection into the water. <i>Polish Journal of Chemical Technology</i> , 2012 , 14, 100-109 | 1 | 2 |
| 5 | Thermal Performance Characteristics of a Microchannel Gas Heater for Solar Heating Applications. <i>Energies</i> , 2021 , 14, 7625 | 3.1 | 1 |
| 4 | Simulation study of a pulsed DBD with an electrode containing charge injector parts. <i>Physics of Plasmas</i> , 2021 , 28, 013502 | 2.1 | 1 |
| 3 | Filtration of per- and poly-fluoroalkyl from water and recycling of fluorine: a thermochemical equilibrium analysis. <i>Chemical Papers</i> , 2019 , 73, 1853-1862 | 1.9 | |
| 2 | Experimental study on the influence of SO ₂ gas injection to pure liquids on pool boiling heat transfer coefficients. <i>Heat and Mass Transfer</i> , 2014 , 50, 747-757 | 2.2 | |
| 1 | Accurate improvement of a mathematical correlation for estimating diffusion coefficient in gaseous hydrocarbons. <i>European Journal of Chemistry</i> , 2011 , 2, 485-488 | 0.6 | |