

Sadegh Aberoumand

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3517142/sadegh-aberoumand-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

33
papers

1,086
citations

16
h-index

32
g-index

34
ext. papers

1,445
ext. citations

6.3
avg, IF

5.4
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 33 | Reduced graphene oxide nanofluidic electrolyte with improved electrochemical properties for vanadium flow batteries. <i>Journal of Energy Storage</i> , 2022 , 49, 104133 | 7.8 | 1 |
| 32 | A critical analysis on the energy and exergy performance of photovoltaic/thermal (PV/T) system: The role of nanofluids stability and synthesizing method. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 51, 101887 | 4.7 | 7 |
| 31 | Recent advances on nanofluids for low to medium temperature solar collectors: energy, exergy, economic analysis and environmental impact. <i>Progress in Energy and Combustion Science</i> , 2021 , 84, 100898 | 33.6 | 86 |
| 30 | Advances in Si and SiC Materials for High-Performance Supercapacitors toward Integrated Energy Storage Systems. <i>Small</i> , 2021 , 17, e2101775 | 11 | 4 |
| 29 | Thermo-electro-rheological behaviour of vanadium electrolyte-based electrochemical graphene oxide nanofluid designed for redox flow battery. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116860 | 6 | 8 |
| 28 | Cu/Oil nanofluids flow over a semi-infinite plate accounting an experimental model. <i>Heat Transfer</i> , 2020 , 49, 1338-1354 | 3.1 | 7 |
| 27 | A renewable energy-driven thermoelectric-utilized solar still with external condenser loaded by silver/nanofluid for simultaneously water disinfection and desalination. <i>Desalination</i> , 2020 , 480, 114354 | 10.3 | 102 |
| 26 | Advances in electrode and electrolyte improvements in vanadium redox flow batteries with a focus on the nanofluidic electrolyte approach. <i>Physics Reports</i> , 2020 , 881, 1-49 | 27.7 | 16 |
| 25 | Experimental assessment on passive solar distillation system on Mount Tochal at the height of 3964 m: Study at high altitude. <i>Desalination</i> , 2019 , 466, 77-88 | 10.3 | 43 |
| 24 | Recent advances in preparation methods and thermophysical properties of oil-based nanofluids: A state-of-the-art review. <i>Powder Technology</i> , 2019 , 352, 209-226 | 5.2 | 126 |
| 23 | A new turbine model for enhancing convective heat transfer in the presence of low volume concentration of Ag-Oil Nanofluids. <i>Heat and Mass Transfer</i> , 2018 , 54, 1491-1501 | 2.2 | 4 |
| 22 | FinTech in Western Asia: Case of Iran. <i>Journal of Industrial Integration and Management</i> , 2018 , 03, 1850068 | 9.8 | 17 |
| 21 | An experimental and theoretical investigation on the effects of adding hybrid nanoparticles on heat transfer efficiency and pumping power of an oil-based nanofluid as a coolant fluid. <i>International Journal of Refrigeration</i> , 2018 , 89, 83-92 | 3.8 | 82 |
| 20 | Energy and exergy analysis of a photovoltaic thermal (PV/T) system using nanofluids: An experimental study. <i>Solar Energy</i> , 2018 , 165, 167-177 | 6.8 | 97 |
| 19 | Tungsten (III) oxide (WO ₃) /Silver/transformer oil hybrid nanofluid: Preparation, stability, thermal conductivity and dielectric strength. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 169-174 | 6.1 | 63 |
| 18 | Al/ oil nanofluids inside annular tube: an experimental study on convective heat transfer and pressure drop. <i>Heat and Mass Transfer</i> , 2018 , 54, 1053-1067 | 2.2 | 16 |
| 17 | DBD Plasma: Explicit Model with Integral Approximate Solution to Wall Jet. <i>Journal of Aerospace Technology and Management</i> , 2018 , 10, | 0.7 | 1 |

| | | | |
|----|--|-----|-----|
| 16 | Numerical Investigation on the Impact of DBD Plasma Actuators on Temperature Enhancement in the Channel Flow. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 497-510 | 2.8 | 0 |
| 15 | Experimental Study on Cu/Oil Nanofluids through Concentric Annular Tube: A Correlation. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 251-260 | 2.8 | 17 |
| 14 | On the Viscosity of Ag/Oil Based Nanofluids: A Correlation. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 18-288 | | 9 |
| 13 | A Complete Experimental Investigation on The Rheological Behavior of Silver Oil Based Nanofluid. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 294-304 | 2.8 | 3 |
| 12 | On the Implementation of Cu/Ethylene Glycol Nanofluids Inside an Annular Pipe Under a Constant Wall Temperature Boundary Condition. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 647-655 | 2.8 | 5 |
| 11 | Experimental study on synthesis, stability, thermal conductivity and viscosity of CuEngine oil nanofluid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 71, 315-322 | 5.3 | 106 |
| 10 | On the Performance of Ag/Oil Nanofluids in Heat Transfer Enhancement in a Sinusoidal Tube: Constant Heat Flux Boundary Condition. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 913-923 | 2.8 | 2 |
| 9 | On the evaluation of a finned annular tube in convective heat transfer performance in the presence of Ag/oil nanofluid for a constant thermal flux rate boundary condition. <i>Heat Transfer - Asian Research</i> , 2017 , 46, 1354-1362 | 2.8 | 0 |
| 8 | Mixed convection heat transfer: an experimental study on Cu/heat transfer oil nanofluids inside annular tube. <i>Heat and Mass Transfer</i> , 2017 , 53, 2875-2884 | 2.2 | 10 |
| 7 | MHD wedge flow of nanofluids with an analytic solution to an especial case by Lambert W-function and Homotopy Perturbation Method 2017 , 20, 1515-1530 | | 10 |
| 6 | Exact approximations for skin friction coefficient and convective heat transfer coefficient for a class of power law fluids flow over a semi-infinite plate: Results from similarity solutions 2017 , 20, 1115-1121 | | 2 |
| 5 | A Comparison between heat transfer performance of rectangular and semicircular tubes considering boundary effects on Brownian motions in the presence of Ag / water nanofluids: Applicable in the design of cooling system of photovoltaic cells. <i>PLoS ONE</i> , 2017 , 12, e0180883 | 3.7 | 4 |
| 4 | Mixed convection heat transfer of nanofluids inside curved tubes: An experimental study. <i>Applied Thermal Engineering</i> , 2016 , 108, 967-979 | 5.8 | 36 |
| 3 | Experimental study on the rheological behavior of silver-heat transfer oil nanofluid and suggesting two empirical based correlations for thermal conductivity and viscosity of oil based nanofluids. <i>Applied Thermal Engineering</i> , 2016 , 101, 362-372 | 5.8 | 153 |
| 2 | An empirical investigation on thermal characteristics and pressure drop of Ag-oil nanofluid in concentric annular tube. <i>Heat and Mass Transfer</i> , 2016 , 52, 1693-1706 | 2.2 | 26 |
| 1 | An empirical investigation on Cu/Ethylene Glycol nanofluid through a concentric annular tube and proposing a correlation for predicting Nusselt number. <i>AEJ - Alexandria Engineering Journal</i> , 2016 , 55, 1047-1052 | 6.1 | 23 |