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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	35

Papers in Conferences

1. Ghanbarali Sheikhzadeh, Mojtaba Sepehrnia, Sahar Mohammadi. Effect of narrow enclosure deviation angle on entropy generation of Ag-water nanofluid turbulent natural convection. ۲۶th Annual International Conference of Iranian Society of Mechanical Engineers-. Semnan University, ۲۴-۲۶ April, ۲۰۱۸.
2. Ghanbarali Sheikhzadeh, Ali Marzban, Majid zarringhalam, Gholamreza Ahmadi Sheikh Shabani, Omid Ali Akbari. Laboratory examination of heat transfer parameters Copper Oxide/water nanofluid in double-tube heat exchanger. ۳rd Iranian Conference on Heat and Mass Transfer-ICHMT ۲۰۱۷, Babol Noshirvani University of Technology, ۲۲-۲۳ November, ۲۰۱۷.
3. GA Sheikhzadeh, Reza Dadsetani, Mohammad Reza Safaei. Exergoeconomic Optimization of Liquefying Cycle for Noble Gas Argon. ۳rd Iranian Conference on Heat and Mass Transfer- ICHMT ۲۰۱۷, Babol Noshirvani University of Technology, ۲۲-۲۳ November, ۲۰۱۷.
4. F. Nejati, G.A. Sheikhzadeh, F. pourfattah ,Wings shape effect on behavior of hybrid nanofluid in a vortex generator channel ,3rd Iranian Conference on Heat and Mass Transfer-ICHMT2017 ,Babol Noshirvani University of Technology ,22-23 November, 2017.
5. G. A. Sheikhzadeh, A. Gheibi. Large eddy simulation of turbulent flow in a three-way section using lattice Boltzmann method. First International Conference in New Research on Mechanic, Mechateronic & Biomechanics. AmirKabir University of Technology Tehran, May ۲۶ ۲۰۱۶.
6. على بلال, قنبر على شيخ زاده, ابوالفضل فتاحی, مروری بر سامانه های فتوولتاییک حرارتی و بررسی راهکارهای بهبود عملکرد آن, سی و دومین همایش سالانه بین المللی انجمن مهندسان مکانیک ایران, ۱ - ارak, ۰۵ ۲۰۲۴ .
7. محمد رضا بابائی, قنبر على شيخ زاده, محمد عیدیان, بررسی عددی تاثیر هندسه جریان در سامانه خنک کاری باتری لیتیوم-یونی خودروهای برقی, سی و دومین همایش سالانه بین المللی انجمن مهندسان مکانیک ایران, ۱ - ارak, ۰۵ ۲۰۲۴ .
8. قنبر على شيخ زاده, سیدمصطفی قندری نامقی, حسین رحیمی آسیابرکی, مطالعه عددی میدان جریان و انتقال حرارت در یک مبدل حرارتی لوله و پره بیضوی با آرایش متناظر لوله ها, سی و دومین همایش سالانه بین المللی انجمن مهندسان مکانیک ایران, ۱ - ارak, ۰۵ ۲۰۲۴ .
9. مهدی سپهری, قنبر على شيخ زاده, مصطفی محبوبی, مطالعه عددی افزودن همزمان میکرودنده و دیوارهای موجی.

- شکل به مینی کانال چاه حرارتی مارپیچی- حلزونی،سی و دومین همایش سالانه بین المللی انجمن مهندسان مکانیک ایران،۱ - ارak،۰۵ ۲۰۲۴.
۱۰. محمد رضا بابائی،قبر علی شیخ زاده،محمد عیدیان،بررسی عددی تاثیر هندسه جریان در سامانه خنک کاری با تری لیتیوم-یونی خودروهای برقی،سی و دومین همایش سالانه بین المللی انجمن مهندسان مکانیک ایران،۱ - ارak،۰۵ ۲۰۲۴.
۱۱. احمد بیت اللهی توکلی،قبر علی شیخ زاده،ابوالفضل حاجی زاده اقدم،مطالعه و بررسی انواع روش‌های مدرن شیرین‌سازی آب شور؛ مزايا و معایب، فرصت‌ها و چالش‌ها، چهارمين کنفرانس ملي داده‌کاوي در علوم زمین،۱ - ارak،۰۵ ۲۰۲۴.
۱۲. مهدی اسماعيلي،قبر علی شیخ زاده،محمد رضا حاتميان،تأثیراستفاده از بیوگاز بر مسکن معیشت محور و اقتصاد روستا در اقلیم سرد و کوهستانی،اولین همایش ملی ظرفیت روستا در اقتصاد ملی،۱ - تهران،۰۱ ۲۰۲۴.
۱۳. سمیه جلالی چالشتری،قبر علی شیخ زاده،شبیه‌سازی عددی نرخ کاهش دما بوسیله نانوذرات اکسید نقره در با تری لیتیوم-یون کیسه ای،بیستمين کنفرانس دینامیک شاره‌ها،۱ - سمنان،۰۸ ۱۱ ۲۰۲۳.
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۱۵. Mostafa Mahboobi ,Heat Transfer Enhancement in Serpentine Mini-Channel Heat Sink by Wavy Side Walls and CuO Nanofluid ,20th Fluid Dynamics Conference ,1 - 08 11 2023 . سمنان

Papers in Journals

1. Faezeh Nejati Barzoki, Ghanbar Ali Sheikhzadeh, Morteza Khoshvaght Aliabadi, Ali Akbar Abbasian Arani, ASSESSMENT OF VORTEX GENERATOR SHAPES FOR ENHANCING THERMOHYDRAULIC PERFORMANCE OF FLUID FLOW IN A CHANNEL EQUIPPED WITH PERFORATED CHERVON PLATE-FIN, International Journal of Numerical Methods for Heat & Fluid Flow, January 2021.
2. Masomeh Ebrahim Qomi Ghanbar Ali Sheikhzadeh Abolfazl Fattahi, Heat transfer enhancement in a microchannel using a pulsating MHD hybrid nanofluid flow, Energy Sources, Nov 2020.
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6. A. SobhaniNasab H. Pourmohamadian M. Rahimi ,& Nasrabadi G. A. Sheikhzadeh H. Basirat Tabrizi, Evaluation of the thermal properties of SrCO₃-microencapsulated palmitic acid composites as thermal energy storage materials, Journal of Thermal Analysis and Calorimetry, No. 140, pp. 2123-2130, November 2019.
7. M. Ashoori, G. A. Sheikhzadeh, S. Sadripour, The effects of using ceiling fans on human thermal comfort in a three-dimensional room with centralized heating including an occupant, International Journal of Numerical Methods for Heat and Fluid Flow, Vol. 29, No. 10, pp. 3976-3993, 7 October 2019.
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9. Ali Marzban, GhanbarAli Sheikhzadeh, Davood Toghraie, Laminar flow and heat transfer of water/NDG nanofluid on tube banks with rhombic cross section with different longitudinal arrangements, Journal of Thermal Analysis and Calorimetry, September 2019.
10. H. Pourmohamadian M. Rahimi Nasrabadi A. Sobhani Nasab G. A. Sheikhzadeh H. Basirat

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11. Behrouz Mozafari, Ali Akbar Abbasian Arani, Ghanbar Ali Sheikhzadeh, Mahmoud Salimi,Brownian models effect on turbulent fluid flow and heat transfer and entropy generation of water/boehmite alumina nanofluid inside enclosure,International Journal of Numerical Methods for Heat and Fluid Flow,June 2019.
12. Reza Dadsetani, Ghanbar Ali Sheikhzadeh, Abdulwahab A. Alnaqi, Reza Amirroon,Exergoeconomic optimization of liquefying cycle for noble gas argon,Heat and Mass Transfer,Vol. 55,No. 7,pp. 1995–2007,July 2019.
13. Ghanbar Ali Sheikhzadeh, Faezeh Nejati Barzoki, Ali Akbar Abbasian Arani, Farzad Pourfattah,Wings shape effect on behavior of hybrid nanofluid inside a channel having vortex generator,Heat and Mass Transfer,Vol. 55,No. 7,pp. 1969–1983,July 2019.
14. Mojtaba Sepehrnia, Ghanbar Ali Sheikhzadeh, Golnoush Abaei, Mahdi Motamedian,Study of flow field, heat transfer, and entropy generation of nanofluid turbulent natural convection in an enclosure utilizing the computational fluid dynamics-artificial neural network hybrid method,Heat Transfer - Asian Research,Vol. 48,No. 4,pp. 1151-1179,January 2019.
15. Ghanbar Ali Sheikhzadeh, Farhad Monfaredi, Ali Reza Aghaei, Soroush Sadripour, Mohammad Adibi,Numerical analysis of thermal-hydraulic properties of turbulent aerosol-carbon black nanofluid flow in corrugated solar collectors with double application,Journal of Transport Phenomena in Nano and Micro Scales (TPNMS),Vol. 7,No. 1,pp. 37-52,Winter and Spring 2019.
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17. Ghanbar Ali Sheikhzadeh, Mohammad pourjafargholi, Reza maddahian,Numerical study of the effect of the Hall phenomenon on Supersonic YD flow in a MHD generator,Amirkabir Journal of Mechanical Engineering.Accepted Manuscript, Available Online from ۲۰ December ۱۴۰۸,(in Farsi with English summary).
18. S. M. Naghavi, G. A. Sheikhzadeh,A new curved boundary condition in stationary/moving boundaries for the lattice Boltzmann method,Computational Methods in Engineering.Accepted.
19. Majid dastmalchi; Ali Arefmanesh; Ghanbar Ali Sheikhzadeh,Experimental study of fluid flow and heat transfer of Al₂O₃-water nanofluid in helically coiled micro-finned tubes,Amirkabir Journal of Mechanical Engineering,Available Online from 29 May 2018,In Farsi with English abstract.
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