Khalid Saeed

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About

Dr. Khalid Saeed is working as Defence Faculty in the College of Aeronautical Engineering. Dr. Khalid Saeed has a PhD in Mathematics. Dr. Khalid Saeed has published 13 research articles & conference papers having a citation count of 154, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mathematics COMSATS Institute of Information Technology , Pakistan	2019 - 2023
MPhil in Mathematics NUST, Islamabad , Pakistan	2007 - 2010
BS in Mathematics COMSATS Institute of Information Technology , Pakistan	2003 - 2007

Experience

2023- Present
2022 - 2023
2019 - 2022
2017 - 2019

Research Articles

Interaction of induced magnetic field, double diffusion convection and multiple slips for thermal	
radiative biological flow of six-constant Jeffreys nanofluid: Advancements in mechanics	
Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Malik Mushrifah A.S. Al-Malki	
Separation Science and Technology, Volume 60, Issue 2, Pages 316-339	
Impact Factor: 2.400 Quartile: 3 Citations: 3	
DOI: 10.1080/01496395.2024.2434523	

Magnetized peristaltic flow of Sisko nanofluid under thermal radiation and double-diffusive convection

2025
with viscous dissipation and slip effects in an asymmetric channel

Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Malik Emad E. Mahmoud Particulate Science and Technology, Volume 43, Issue 2, Pages 229-246

Impact Factor: 2.300 | Quartile: 3

DOI: https://doi.org/10.1080/02726351.2025.2450410

Enhancing retention of biological fluid transport of magnetized thermal radiative pseudoplastic nanofluid with double diffusion convection, viscous dissipation and boundary slips

Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia Mushrifah A. S. Al-Malki

Particulate Science and Technology, Pages: 14

Impact Factor: 2.3 | Quartile: 3 | Citations: 6

DOI: https://doi.org/10.1080/02726351.2024.2412654

Numerical analysis on theoretical model of magneto-Williamson nanofluid in relation to viscous dissipation, double-diffusion convection, thermal radiation and multiple slip boundaries

2024

2024

2025

Sardar Bilal Safia Akram Maria Athar Khalid Saeed Alia Razia Arshad Riaz

PRAMANA-Journal of Physics, Volume 98, Article Number 125	
Impact Factor: 1.900 Quartile: 2 Citations: 7	
DOI: https://doi.org/10.1007/s12043-024-02798-z	
Dissipative and Multiple Slips on Thermally Radiative Biological Fluid of Magneto-Six-Constant Jeffrey Nanofluid with Double Diffusion Convection: A Numerical Investigation	2024
Sardar Bilal Safia Akram Maria Athar Khalid Saeed Arshad Riaz Alia Razia	
BioNanoScience, Pages 1-16	
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Impact Factor: 3.000 Quartile: 3 Citations: 9 DOI: https://doi.org/10.1007/s12668-024-01560-4	
Numerical simulation of double diffusion convection in a six-constant Jeffrey nanofluid with an inclined magnetic field and viscous dissipation: Multiple slips and thermal radiation analysis with	2024
peristalsis	
Safia Akram Maria Athar Khalid Saeed Arshad Riaz Alia Razia Ghaliah Alhamzi	
AIP Advances, Volume 14(7), Article Number 075229	
Impact Factor: 1.400 Quartile: 4 Citations: 7	
DOI: doi.org/10.1063/5.0219517	
A computational simulation for peristaltic flow of thermally radiative sisko nanofluid with viscous	2024
dissipation, double diffusion convection and induced magnetic field	2024
Sardar Bilal Safia Akram Khalid Saeed Maria Athar Arshad Riaz Alia Razia	
Numerical Heat Transfer, Part A: Applications, Pages 1-22	
Impact Factor: 2.000 Quartile: 3 Citations: 8	
DOI: https://doi.org/10.1080/10407782.2024.2335557	
Impact of multiple slips on thermally radiative peristaltic transport of Sisko nanofluid with double	2024
diffusion convection, viscous dissipation, and induced magnetic field	
Humaira Yasmin Safia Akram Maria Athar Khalid Saeed Alia Razia J. G. Al-Juaid	
Nanotechnology Reviews, Volume 13, Issue 1, Article Number 20240004	
Impact Factor: 7.400 Quartile: 1 Citations: 9 DOI: https://doi.org/10.1515/ntrev-2024-0004	
Mechanism of Thermally Radiative Prandtl Nanofluids and Double-Diffusive Convection in Tapered	2024
Channel on Peristaltic Flow with Viscous Dissipation and Induced Magnetic Field	
Yasir Khan Safia Akram Maria Athar Khalid Saeed Alia Razia A. Alameer	
Computer Modelling in Engineering & Sciences, Volume 138(2), Pages 1501-1520	
Impact Factor: 2.4 Quartile: 2 Citations: 13	
DOI: DOI:10.32604/cmes.2023.029878	
Role of thermal radiation and double-diffusivity convection on peristaltic flow of induced magneto-	2023
Prandtl nanofluid with viscous dissipation and slip boundaries	
Safia Akram Maria Athar Khalid Saeed Alia Razia Taseer Muhammad	
Journal of Thermal Analysis and Calarometry, Pages 1-16	
Impact Factor: 4.4 Quartile: 1 Citations: 24	
DOI: https://doi.org/10.1007/s10973-023-12643-x	
Influence of an induced magnetic field on double diffusion convection for peristaltic flow of thermally	2023
radiative Prandtl nanofluid in non-uniform channel Author links open overlay panel	
Safia Akram Maria Athar Khalid Saeed Alia Razia	
Tribology International, Volume 187, Article Number 108719	
Impact Factor: 6.2 Quartile: 1 Citations: 43	
DOI: 10.1016/j.triboint.2023.108719	
Convection theory on thermally radiative peristaltic flow of Prandtl tilted magneto nanofluid in an	2023
asymmetric channel with effects of partial slip and viscous dissipation	2020
Safia Akram Khalid Saeed Maria Athar Alia Razia Anwar Hussain Iram Naz	
Materials Today Communications, Volume 35, Article Number 106171	
Impact Factor: 3.662 Quartile: 3 Citations: 25	
DOI: 10.1016/j.mtcomm.2023.106171	
Influence of polymers on flow and heat transfer due to peristaltic waves: a molecular approach	2022
Khalid Saeed Adeel Ahmad Junaid Anjum Maria Athar	
Waves in Random and Complex Media, 1-22	

Impact Factor: N/A

DOI: https://doi.org/10.1080/17455030.2022.2045384