

**Professor Dr Mohammad Mehdi Rashidi  
Researcher**

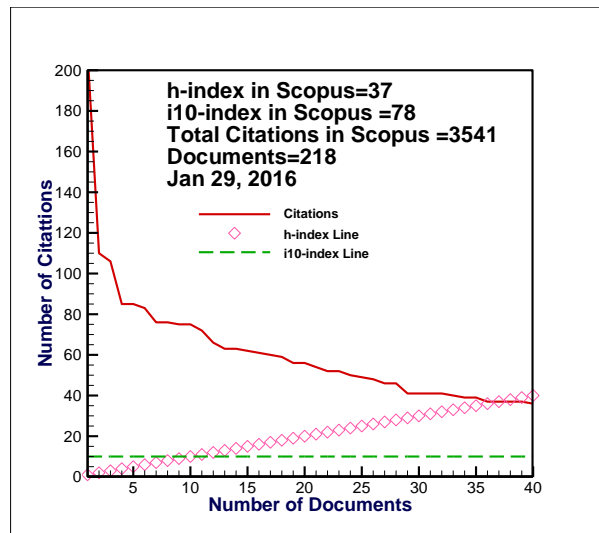
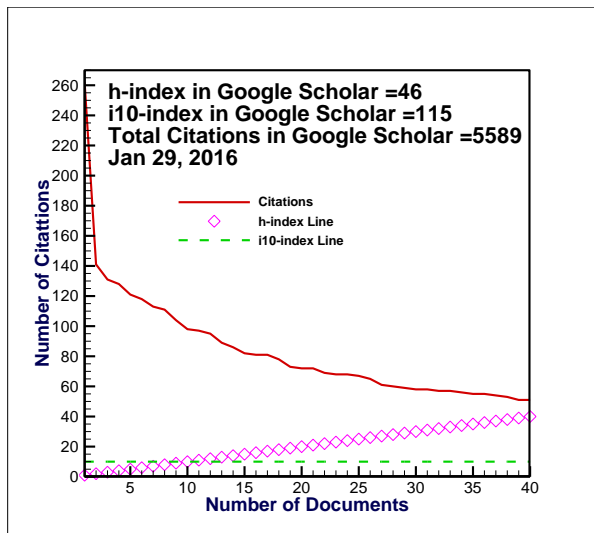
Department of Civil Engineering, School of Engineering, University of Birmingham, Birmingham, the UK  
E-mail: [m.m.rashidi@bham.ac.uk](mailto:m.m.rashidi@bham.ac.uk), [mm\\_rashidi@yahoo.com](mailto:mm_rashidi@yahoo.com)

**1 Interests and International Ranking based on Google Scholar Data**

Jan 29 <sup>th</sup> , 2016; <a href="http://scholar.google.com">http://scholar.google.com</a>	Wind Tunnel	1 <sup>st</sup>
	Computational Fluid Dynamics (CFD)	2 <sup>nd</sup>
	Multiphase Flows	4 <sup>th</sup>
	Heat and Mass Transfer	15 <sup>th</sup>
	Nonlinear Analysis	19 <sup>th</sup>
	Thermodynamics	43 <sup>th</sup>

I have the highest Direct RG Reach (visibility of research) in the world. RG Reach 41,749, Direct Reach 27,130 Indirect Reach 15,141. Score in Researchgate (RG)= 55.82, Top 1 % members of RG (26,898 followers), 5299 citations.

ResearcherID: P-2692-2014, Scopus Author ID: 57189276752, ORCID ID: 0000-0002-6309-8688, Publons ID: 336837; <https://publons.com/a/336837>, <http://www.livedna.net/?dna=98.8126>.



## 2 Education

Ph.D., Mechanical Engineering, Tarbiat Modares University (2002) Thesis under Prof. Ghassem Heidarinejad entitled: “*Numerical Simulation of Three-Dimensional Supersonic Flow Using Total Variation Diminishing Method with Multizone Approach*”.

M.Sc., Mechanical Engineering, Tarbiat Modares University (1997) Thesis under Dr. Behzad Ghadiri Dehkordi entitled: “*Explosion Theory and Simulation of Jet Formation in a Shaped Charge*”.

B.Sc., Mechanical Engineering, Bu-Ali Sina University (1995) Thesis under Dr. Masoud Abbasi entitled: “*Air Conditioning Load Calculation for a Big Factory*”.

## 3 Experience

- Nov 2014-Dec 2016: Full Professor at Tongji University.
- Feb 2016 (for one month): Invited professor at University of the Witwatersrand, Johannesburg, South Africa.
- Jan 2013-Oct 2014: Full Professor at Bu-Ali Sina University.
- Aug 2012 (for one month): Invited professor at University of the Witwatersrand, Johannesburg, South Africa.
- Oct 2011-Jan 2013 Associate Professor, Department of Mechanical Engineering, Bu-Ali Sina University, Hamedan, Iran.
- Sep 2011 (for one month): Invited professor at Universite Paris Ouest, France.
- Aug. 2011-Feb 2012: Invited professor at Génie Mécanique, Université de Sherbrooke, Sherbrooke, QC, Canada J1K 2R, I could not accept this invitation because my university did not extend my sabbatical.
- Aug. 2010-Aug 2011: Invited professor at Génie Mécanique, Université de Sherbrooke, Sherbrooke, QC, Canada J1K 2R.
- Sep. 2002–2010: Assistant Professor, then Associate Professor, Department of Mechanical Engineering, Bu-Ali Sina University, Hamedan, Iran.
- Sep. 2000–2006: Senior Research Scientist at an Iranian Research Company, and I haven't been allowed to publish my research results.

## 4 Course Taught

### 4.1. At Graduate Level

- 1- Advanced Thermodynamics
- 2- Advanced Heat Transfer (Conduction)
- 3- Advanced Heat Transfer (Radiation)

- 4- Computational Fluid Dynamics II (Compressible Flow)
- 5- Advanced Engineering Mathematics

## 4.2. At UG Level

- 1- Thermodynamics I, II
- 2- Heat Transfer I, II
- 3- Fuel and Combustion
- 4- Turbomachinery
- 5- Engineering Mathematics
- 6- Heat Exchangers Design
- 7- Thermodynamics Laboratory

## 5 Award

Distinguished Researcher of Bu-Ali Sina University, **2011, 2012, 2013 and 2014.**

**First Winner-Applied Research:** V. Esfahanian, A. Azimi, K. Hejranfar, F. Torabi, **M.M. Rashidi**, M.H. Doulabi, M. Najafi, H. Kiani, An Aerodynamic Modeling Software for 3-D Complex Configurations Using Personal Computers, 15<sup>th</sup> Khwarizmi International Award, Ministry of Science, Research & Technology, Iranian Research Organization for Science & Technology, Feb (2002).

Scholarship for MS degree (1995-1997) by Iranian Ministry of Science Research and Technology.

Scholarship for PhD degree (1997-2002) by Iranian Ministry of Science Research and Technology.

## 6 Service

- 1- **Honorary Fellow of the Australian Institute of High Energetic Materials** (May 2014 – present).

### 6.1 ISI and Scopus Refereed Journals

- 2- Associate Editor of Journal of King Saud University-Engineering Sciences (Elsevier) (Apr 2013 – present).
- 3- Editorial Board Member of Beni-Suef University Journal of Basic and Applied Sciences (Elsevier) (June 2015 – present).
- 4- Associate Editor of Journal of Applied Fluid Mechanics (ISI) (Sep 2014 – present).

- 5- Editorial Board Member of Caspian Journal of Applied Sciences Research (ISI) (Oct 2013 – present).
- 6- Editorial Board Member of International Journal of Mechatronics, Electrical and Computer Technology (ISI) (2013 – present).
- 7- Editorial Board Member of Modern Applied Science (SCOPUS) (Nov 2013 – present).
- 8- Editorial Board of Scientific Research and Essays (ISI) (Feb 2012 – present).
- 9- Editorial Board Member of Walailak Journal of Science and Technology (SCOPUS) (May 2013 – present).
- 10-Editorial Board Member of Recent Patents on Mechanical Engineering (SCOPUS) (Apr 2015 – present).
- 11-Editorial Board Member of Maejo International Journal of Science and Technology (ISI) (Sep 2015 – present).
- 12-Editorial Board Member of Mathematical and Computational Applications (SCOPUS) (Nov 2016 – present).

## 6.2 Technical Committee or Invited Speaker in Conferences

- 1- Member of Technical Committee for the International Conference on Electrical, Mechanical and Industrial Engineering, Apr 24 - 25, 2016, Phuket, Thailand.
- 2- Organizing Committee Member for 6<sup>th</sup> Global Experts Meeting & Expo on Nanomaterials and Nanotechnology, April 21-23, 2016 Dubai, UAE.
- 3- Member of Technical Committee for the International Conference on Recent Development in Computational & Information Technology, Feb 26-27, SRM University, Tamil Nadu, India.
- 4- Member of Technical Committee for the Applied Mathematics, Simulation and Modelling (AMSM 2016), May 28-29, 2016, Beijing, China.
- 5- Member of Technical Committee for the Fifth International Conference on Mathematical Sciences, United Arab Emirates University, March 21 - 24, 2016.
- 6- Invited Speaker in International Conference on New Energy and Future Energy System, Aug 19- 22, 2016, Beijing, China.
- 7- Member of Technical Program Committee for the 5th Conference on Computational Mechanics (CCM 2016), Aug 24-26, 2016, Xi'an, China.
- 8- Member of Technical Committee for 2nd International Conference on Knowledge-Based Engineering and Innovation (KBEI-2015), November 05-06, 2015, Tehran, Iran.
- 9- Member of Technical Program Committee for the 4th Conference on Computational Mechanics, Aug 25-27, 2015, Shanghai, China.
- 10-Invited Speaker in International Conference International Conference on Advancements in Mathematics on Advancements in Mathematics, 11-13 February

- 2015**, Department of Mathematics, COMSATS Institute of Information Technology (CIIT), Attock – PAKISTAN.
- 11- International Advisory Committee for International Conference on Intelligent Information Processing, Security and Advanced Communication (IPAC **2015**), Algeria, Nov 23-25.
  - 12- Member of Technical Program Committee for the 5th World Congress on Engineering and Technology (CET **2015**), October 23-25, Suzhou China.
  - 13- Member of Technical Program Committee for Computational Mathematics and Applications Conference (CMA **2014**), Jan 14-16, Shenzhen, China.
  - 14- Invited Speaker in Conference on Computational Mechanics (CCM **2014**), May 16-18, Suzhou, China.
  - 15- Organizing Committee Member in Conference on Computational Mechanics (CCM **2014**), May 16-18, Suzhou, China.
  - 16- Member of Technical Program Committee for Spring World Congress on Engineering and Technology (SCET **2014**), April 16-18, Shanghai, China.
  - 17- Member of Technical Program Committee for International Conference on Energy Science and Application (ICESA 2014).
  - 18- Member of Technical Program Committee for 1st International Conference on Industrial Engineering and Operation Research (ICIEOR2014), Tbilisi, Georgia, August 7-8, 2014.
  - 19- Invited Speaker in International Conference on “Mathematical Sciences” (ICMS 2014) 17-19 July, 2014, Sathyabama University in association with Institute of Mathematical Sciences, Chennai and University of Central Florida, USA.
  - 20- Invited Speaker in The 4th World Congress on Engineering and Technology (CET 2014), Oct 26-28, Wuhan, China.
  - 21- Scientific Committee of 18th International Mathematics Conference, 20-22 Dec (**2013**), IUB Campus, Bashundhara, Dhaka, Bangladesh.
  - 22- Guest Editor for the Special Issue No. 2 of the Applications and Applied Mathematics: An International Journal (AAM), Entitled: The Eighteenth Bangladesh Mathematics (**2013**): Mathematics as a Tool for Development.
  - 23- Resource Person in International Workshop on “Nonlinear Problems in Mathematics”, 9-11 Oct (**2012**) at COMSTECH, Islamabad.

## 7 Research Projects

- 1- **M.M. Rashidi**, Hassan Hemida, Sinisa Krajinovic, Stephen Pell, Daniele Rocchi, LiftTrain, Aerodynamic Lift force of Trains subjected to cross winds, Marie Sklodowska-Curie Research, Dec 2016-Present.
- 2- **M.M. Rashidi**, Analytical Solution of Fluid Dynamic Problems by Homotopy Analysis Method, Bu-Ali Sina University (**2010**).
- 3- **M.M. Rashidi**, Analytical Solution of Nonlinear Heat Transfer Problems by Homotopy Perturbation Method, Bu-Ali Sina University (**2007**).

- 4- **M.M. Rashidi**, Numerical Simulation of Three-Dimensional Supersonic Viscous Flow, Bu-Ali Sina University (2006).
- 5- M.S. Aghighi, **M.M. Rashidi**, Investigation of Unstable Free Convection Flow in the Adjacent Stagnation Points, Bu-Ali Sina University (2005).
- 6- **M.M. Rashidi**, M.S. Aghighi, Numerical Simulation of Internal Flow by Roe Method, Bu-Ali Sina University (2004).

## 8 Publications

### 8.1 Books

- O. Anwar Bég, R. Bhargava **M.M. Rashidi**, Numerical Simulation in Micropolar Fluid Dynamics (Mathematical Modelling of Nonlinear Flows of Micropolar Fluids) Lambert Academic Press, Germany, (2011) (296 pages), ISBN: 10: 3845409169, [http://www.bod.de/index.php?id=296&objk\\_id=538131](http://www.bod.de/index.php?id=296&objk_id=538131).
- M.M. Rashidi, Advanced Engineering Mathematics with Applied Examples of MATHEMATICA Software (2007) (320 pages) (in Persian).

### 8.2 Publications in ISI and Scopus Refereed Journals (**Chronologically**)

#### Accepted, in press

- 1- E. Hosseini, G.B. Loghmani, M. Heydari, M.M. Rashidi, Numerical Investigation of Velocity Slip and Temperature Jump Effects on Unsteady Flow over a Stretching Permeable Surface, European Physical Journal Plus, in press.
- 2- M. Ziaei-Rad, A. Kasaeipoor, M.M. Rashidi, G. Lorenzini, A Similarity Solution for Mixed-Convection Boundary Layer Nanofluid Flow on an Inclined Permeable Surface, Journal of Thermal Science and Engineering Applications, in press.
- 3- R. Mohebbi, M.M. Rashidi, Numerical Simulation of Natural Convection Heat Transfer of a Nanofluid in an L-Shaped Enclosure with a Heating Obstacle, Journal of the Taiwan Institute of Chemical Engineers, in press. (IF= 2.637). SCI-Q1-EI.
- 4- P. Agarwal, J. Choi, S. Jain, M.M. Rashidi, Certain Integrals Associated with Generalized Mittag-Leffler Function, Communications of the Korean Mathematical Society, in press.
- 5- M. Nasiri, M.M. Rashidi, N. Freidoonimehr, S. Abelman, Eulerian Solution of Subcooled Flow Boiling of Nanofluid Water-Al<sub>2</sub>O<sub>3</sub> in a Sinusoidal Vertical Channel, Journal of Porous Media, in press. (IF=0.707). SCI-Q3-EI.
- 6- M.M. Bhatti, M.M. Rashidi, I. Pop, Entropy Generation with Nonlinear Heat and Mass Transfer on MHD Boundary Layer over a Moving Surface using SLM, Nonlinear Engineering, in press.

- 7- B. Jalilpour, S. Jafarmadar, M.M. Rashidi, D.D. Ganji, R. Rahime, MHD Non-orthogonal Stagnation Point Flow of a Nanofluid towards a Stretching Surface in the Presence of Thermal Radiation, *Ain Shams Engineering Journal*, in press. Q2.
- 8- S. Abelman, K.A. Selvakumaran, M.M. Rashidi, S.D. Purohit, Subordination Conditions for a Class of Non-Bazilevich Type Defined by using Fractional  $q$ -calculus Operators, *Facta Universitatis, Series: Mathematics and Informatics*, in press.
- 9- M.M. Rashidi, Z. Yang, M.M. Bhatti, M.A. Abbas, Heat and Mass Transfer Analysis on MHD Blood Flow of Casson Fluid Model due to Peristaltic Wave, *Thermal Science*, in press (IF= 0.838). SCI-Q2.
- 10- G.S. Seth, R. Tripathi, M.M. Rashidi, Hydromagnetic Natural Convection Flow in a Non-Darcy Medium with Soret and Dufour Effects past an Inclined Stretching Sheet, *Journal of Porous Media*, in press. (IF=0.707). SCI-Q3-EI.
- 11- M.M. Bhatti, S.R. Mishra, T. Abbas, M.M. Rashidi, A Mathematical Model of MHD Nanofluid Flow Having Gyrotactic Microorganisms with Thermal Radiation and Chemical Reaction Effects, *Neural Computing and Applications*, in press. (IF= 1.168). SCI-Q2-EI.
- 12- M. Yousif, B. Mahmood, M.M. Rashidi, Using Differential Transform Method and Padé Approximant for Solving MHD Three-Dimensional Casson Fluid Flow Past A Porous Linearly Stretching Sheet, *Journal of Mathematics and Computer Science*, in press.
- 13- K.V. Prasad, K. Vajravelu, M.M. Rashidi, H. Vaidya, Effects of Variable Fluid Properties on MHD Flow and Heat Transfer over a Stretching Sheet with Variable Thickness, *Journal of Mechanics*, in press.
- 14- M.M. Bhatti, T. Abbas, M.M. Rashidi, Effects of Thermal Radiation and Electromagnetohydrodynamic on Viscous Nanofluid through a Riga Plate, *Multidiscipline Modeling in Materials and Structures*, in press.
- 15- M. Ali Abbas, M.M. Rashidi, M.M. Bhatti, Entropy Generation for Peristaltic Blood Flow with Casson Model and Considering Magnetohydrodynamics Effects, *Walailak Journal of Science and Technology*, in press.
- 16- S.T. Mohyud-Din, U. Khan, N. Ahmed, M.M. Rashidi, Stokes First Problem for MHD Flow of Casson Nanofluid, *Multidiscipline Modeling in Materials and Structures*, in press.
- 17- M.M. Bhatti, M.M. Rashidi, Numerical Simulation of Entropy Generation on MHD Nanofluid towards a Stagnation Point Flow over a Stretching Surface, *International Journal of Applied and Computational Mathematics*, in press.
- 18- M.M. Bhatti, M.M. Rashidi, Study of Heat and Mass Transfer with Joule Heating on MHD Peristaltic Blood Flow under the Influence of Hall Effect, Propulsion and Power Research, in press.
- 19- M.M. Bhatti, M.M. Rashidi, A New Numerical Simulation of MHD Stagnation-point Flow over a Permeable Stretching/Shrinking Sheet in Porous Media with Heat Transfer, *Iranian Journal of Science and Technology, Transactions A: Science*, in press.

- 20- M.M. Bhatti, A. Zeeshan, M.M. Rashidi, Influence of Magnetohydrodynamics on Metachronal Wave of Particle-Fluid Suspension due to Cilia Motion, Engineering Science and Technology, an International Journal, in press.
- 21- A.J. Benazir, · R. Sivaraj, M.M. Rashidi, Magnetohydrodynamic Mixed Convective Flow of Casson Fluid in a Channel with Non-uniform Heat Source/Sink, Global Journal of Pure and Applied Mathematics, in press.
- 22- N. Freidoonimehr, M.M. Rashidi, M.H. Momenpour, S. Rashidi, Analytical Approximation of Heat and Mass Transfer in MHD Non-Newtonian Nano-fluid Flow over a Stretching Sheet with Convective Surface Boundary Conditions, International Journal of Biomathematics, in press.
- 23- H. Khalil, R.A. Khan, D. Baleanu, M.M. Rashidi, Some New Operational Matrices and Its Application to Fractional Order Poisson Equations with Integral Type Boundary Constrains, Computers & Mathematics with Applications, in press.
- 24- F. Garoosi, F. Hoseininejad, M.M. Rashidi, Numerical Study of Heat Transfer Performance of Nanofluids in a Heat Exchanger, Applied Thermal Engineering, in press (IF= 2.739).
- 25- M.M. Rashidi, M. Nasiri<sup>3</sup>, M.S. Shadloo, Z. Yang, Entropy Generation in a Circular Tube Heat Exchanger Using Nanofluids: Effects of Different Modeling Approaches, Heat Transfer Engineering, in press (IF= 0.814).
- 26- M. Bandaru, M.M. Rashidi,, H. Raju, Influence of Nonlinear Convection and Thermophoresis on Heat and Mass Transfer from a Rotating Cone to Fluid Flow in Porous Medium, Thermal Science, in press (IF= 0.838). SCI-Q2.
- 27- M.M. Rashidi, O. Anwar Bég, Homotopy Semi-Numerical Simulation of Two-Phase Thermal Haemodynamics in a High Permeability Blood Purification Device, Journal of Mechanics in Medicine and Biology, in press (IF= 0.731). SCI-Q3-EI.
- 28- D. Mythili, R. Sivaraj, M.M. Rashidi, Heat Generating/Absorbing and Chemically Reacting Casson Fluid Flow over a Vertical Cone and Flat Plate Saturated with NonDarcy Porous Medium, International Journal of Numerical Methods for Heat and Fluid Flow, in press (IF= 1.399).
- 29- M.M. Rashidi, R. Sivaraj, D. Mythili, Z. Yang, Numerical Solution for Thermophoresis Effects on Heat and Mass Transfer over an Accelerating Surface with Heat Source/Sink, Thermal Science, in press (IF= 0.838). SCI-Q2.
- 30- M.M. Rashidi, S. Bagheri, E. Momoniat, N. Freidoonimehr, Entropy Analysis of Convective MHD Flow of Third Grade Non-Newtonian Fluid over a Stretching Sheet, Ain Shams Engineering Journal, in press. Q2.
- 31- S. Sreenadh, M.M. Rashidi, K. Kumara Swamy Naidu, A. Parandhama, Free Convection Flow of a Jeffrey Fluid through a Vertical Deformable Porous Stratum, Journal of Applied Fluid Mechanics (IF= 0.746), in press. SCI-Q3.



- 32- F. Ghan, S. Islam, C. Ozel, L. Ali, M.M. Rashidi, Application of Modified Optimal Homotopy Perturbation Method to Higher Order Boundary Value Problems in a Finite Domain, Hacettepe Journal of Mathematics and Statistics, in press (IF= 0.433). SCI-Q4.
- 33- J. Uddin, M. Ferdows, M.M. Rashidi, A.B. Parsa\*, Group Analysis and Numerical Solution of Slip Flow of a Nanofluid in Porous Media with Heat Transfer, Progress in Computational Fluid Dynamics (IF= 0.16), in press. SCI-Q3-EI.
- 34- F. Mohammadi, M.M. Rashidi, An Efficient Spectral Solution for Unsteady Boundary Layer Flow and Heat Transfer Due to a Stretching Sheet, Thermal Science, in press (IF= 0.838). SCI-Q2.

## 2017

- 35- M.M. Bhatti, T. Abbas, M.M. Rashidi, Entropy Generation as a Practical Tool of Optimization for Non-Newtonian Nanofluid Flow through a Permeable Stretching Surface Using SLM, Journal of Computational Design and Engineering 4 (1) (2017) 21–28.
- 36- M.A. Yousif , M. Hatami , B.A. Mahmood , M.M. Rashidi, Thermal boundary layer analysis of nanofluid flow past over a stretching flat plate in different transpiration conditions by using DTM-Padé method, Journal of Mathematics and Computer Science 17 (2017) 84-95.
- 37- A.M. Rashad, M.M. Rashidi, G. Lorenzini, S.E. Ahmed, A.M. Aly, Magnetic Field and Internal Heat Generation Effects on the Free Convection in a Rectangular Cavity Filled with a Porous Medium Saturated with Cu–Water Nanofluid, International Journal of Heat and Mass Transfer 104 (2017) 878-889. (IF= 2.315). SCI-Q1-EI.
- 38- S.M. Hussain, J. Jain, G.S. Seth, M.M. Rashidi, Free Convective Heat Transfer with Hall Effects, Heat Absorption and Chemical Reaction over an Accelerated Moving Plate in a Rotating System, Journal of Magnetism and Magnetic Materials 422 (2017) 112–123. (IF= 1.970). SCI-Q1-EI.

## 2016

- 39- M.M. Bhatti, T. Abbas, M.M. Rashidi, Entropy Analysis on Titanium MagnetoNanoparticles Suspended in Water Based Nanofluid: A Numerical Study, Computational Thermal Sciences, DOI: 10.1615/ComputThermalScien.2016017754 457-468.
- 40- R.S. Raju, G.J. Reddy, J.A. Rao, M.M. Rashidi, Thermal Diffusion and Diffusion Thermo Effects on an Unsteady Heat and Mass Transfer Magnetohydrodynamic Natural Convection Couette Flow Using FEM, Journal of Computational Design and Engineering Journal of Computational Design and Engineering 3 (4) (2016) 349–362.
- 41- M.M. Bhatti, T. Abbas, M.M. Rashidi, Numerical Study of Entropy Generation with Nonlinear Thermal Radiation on Magnetohydrodynamics Non-Newtonian Nanofluid through a Porous Shrinking Sheet, Journal of Magnetism 21 (3) (2016) 468-475.

- 42- M.J. Uddin, M.M. Rashidi, H.H. Alsulami, S. Abbasbandy, N. Freidoonimehr, Two Parameters Lie Group Analysis and Numerical Solution of Unsteady Free Convective Flow of Non-Newtonian Fluid, *Alexandria Engineering Journal* 55 (3) (2016) 2299–2308.
- 43- B. Jalilpour , S. Jafarmadar , D.D. Ganji, M.M. Rashidi, Solution of Analytical Model for Fuel Spray Penetration via Homotopy Perturbation Method, *Propulsion and Power Research* 5 (3) (2016) 202–210.
- 44- M.M. Rashidi, A. Rahbari, S. Foroutani, I. Rahimipetroudi, Effects of Phase Shift and Wavy Amplitude on the Laminar Forced Convection Heat Transfer Enhancement in Corrugated Channels Using Copper-Water Nano-Fluid, *Journal of Computational and Theoretical Nanoscience* 13 (8) (2016) 4941-4948.
- 45- M.Y.A. Jamalabadi, J.H. Park, M.M. Rashidi, J.M. Chen, Effects of Thermal Boundary Conditions on the Joule Heating of Electrolyte in a Microchannel, *Journal of Hydrodynamics* 28 (5) (2016) 850–862 (IF= 0.659). SCI-Q2-EI.
- 46- M. Sheikholeslami, M.M. Rashidi, Dhafer M. Al Saad, F. Firouzi, Houman B. Rokni, G. Domairry, Steady nanofluid flow between parallel plates considering Thermophoresis and Brownian effects, *Journal of King Saud University – Science* 28 (4) (2016) 380–389. Q2.
- 47- M.M. Rashidi, M. Reza, S. Gupta, MHD Stagnation Point Flow of Micropolar Nanofluid between Parallel Porous Plates with Uniform Blowing, *Powder Technology* 301 (2016) 876–885 (IF= 2.269). SCI-Q1-EI.
- 48- A. Ramirez-Pinero, H. Vazquez-Leal, V. M. Jimenez-Fernandez, H.M. Sedighi, M.M. Rashidi, U. Filobello-Nino, R. Castaneda-Sheissa, J. Huerta-Chua, L.A. SarmientoReyes, J.R. Laguna-Camacho, F. Castro-Gonzalez, Speed-up Hyperspheres Homotopic Path Tracking Algorithm for PWL Circuits Simulations, *SPRINGERPLUS* (2016) 5:890.
- 49- K. Vajravelu, S. Sreenadh, P. Lakshminarayana, G. Sucharitha, M.M. Rashidi, Peristaltic Flow of Phan-Thien-Tanner Fluid in an Asymmetric Channel with Porous Medium, *Journal of Applied Fluid Mechanics* (9) (4) (2016) 1615-1625. (IF= 0.746). SCI-Q3.
- 50- A. Afsar Khan, A. Sohail, S. Rashid, M.M. Rashidi, N. Alam Khan, Effects of Slip Condition, Variable Viscosity and Inclined Magnetic Field on the Peristaltic Motion of a Non-Newtonian Fluid in an Inclined Asymmetric Channel, *Journal of Applied Fluid Mechanics* (9) (3) (2016) 1381-1393. (IF= 0.746). SCI-Q3.
- 51- N. Freidoonimehr, M.M. Rashidi, B. Jalilpour, MHD Stagnation Point Flow Past a Stretching/Shrinking Sheet in the Presence of Heat Generation/Absorption and Chemical Reaction Effects, *Journal of the Brazilian Society of Mechanical Sciences and Engineering* (38) (2016) 1999–2008. SCI-Q3-EI.
- 52- M.A. Abbas, Y.Q. Bai, M.M. Rashidi, M.M. Bhatti, Analysis of Entropy Generation on Blood Flow of Peristaltic Nanofluid Having Compliant Walls, *Entropy* (18) (3) (2016) 90; doi:10.3390/e18030090. (IF= 1.579).

- 53- S.T. Mohyud-Din, A. Waheed, M.M. Rashidi, A Study of Nonlinear Age-Structured Population Models, *International Journal of Biomathematics* (9) (6) (2016) 1650091 (13 pages). (IF= 0.654).
- 54- M.M. Bhatti, M. Ali Abbas, M. M. Rashidi, Combine Effects of Magnetohydrodynamics (MHD) and Partial Slip on Peristaltic Blood Flow of Ree-Eyring Fluid with Wall Properties, *Engineering Science and Technology, an International Journal* 19 (2016) 1497–1502.
- 55- M.M. Bhatti, T. Abbas, M.M. Rashidi, M.E. Ali, Entropy Generation with Nonlinear Thermal Radiation on MHD Carreau Nanofluid towards a Shrinking Sheet, *Entropy* (18) (200) (2016) doi:10.3390/e18060200. (IF= 1.579).
- 56- J. Qing, M.M. Bhatti, M.A. Abbas, M.M. Rashidi, M.E. Ali, Entropy Generation on MHD Casson Nanofluid Flow over a Porous Stretching/Shrinking Surface, *Entropy* (18) (123) (2016) doi:10.3390/e18040123. (IF= 1.579).
- 57- A. Jasmine Benazir, R. Sivaraj, M.M. Rashidi, Comparison between Casson Fluid Flow in the Presence of Heat and Mass Transfer from Vertical Cone and Flat Plate, *Journal of Heat Transfer* (138) (2016) / 112005-1.
- 58- M.M. Bhatti, T. Abbas, M.M. Rashidi, M.E. Ali, Z. Yang, Entropy Generation on MHD Eyring-Powell Nanofluid through a permeable Stretching Surface, *Entropy* (18) (224) (2016)doi:10.3390/e18060224. (IF= 1.579).
- 59- T. Abbas, M. Ayub, M.M. Bhatti, M.M. Rashidi, M.E. Ali, Entropy generation on Nanofluid flow through a horizontal Riga plate, *Entropy* (18) (223) (2016) doi:10.3390/e18060223. (IF= 1.579).
- 60- G.C. Dash, R.S. Tripathy, M.M. Rashidi, S.R. Mishra, Numerical Approach to Boundary Layer Stagnation-Point Flow past a Stretching/Shrinking Sheet, *Journal of Molecular Liquids* 221 (2016) 860–866 (IF= 2.740) SCI-Q2-EI.
- 61- M.A. Abbas, Y. Bai, M.M. Rashidi, M.M. Bhatti, Analysis of Entropy Generation in the Flow of Peristaltic Nanofluids in Channels with Compliant Walls, *Entropy* 18 (3) (2016), 90 (IF= 1.579).
- 62- T. Armaghani, A. Kasaeipoor, N. Alavi, M.M. Rashidi, Numerical Investigation of Water-Alumina Nanofluid Natural Convection Heat Transfer and Entropy Generation in a Baffled L-Shaped Cavity, *Journal of Molecular Liquids* 223 (2016) 243–251 (IF= 2.740) SCI-Q2-EI.
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### **8.3 Publications in Non-ISI and Non-Scopus Refereed Journals (Chronologically)**

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2. M.M. Bhatti, M. Ali Abbas, M.M. Rashidi, Analytic Study of Drug Delivery in Peristaltically Induced Motion of Non-Newtonian Nanofluid, *Journal of nanofluids*, in press.
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12. L. Ali, S. Islam, C. Ozel, H. Ullah, **M.M. Rashidi**, An Application of Optimal Homotopy Perturbation Method to Some Linear and Nonlinear Integro-Differential Equations, in press.
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### 8.4 Conference Papers (Chronologically)

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- 2- N. Freidoonimehr\*, **M.M. Rashidi**, M. Shakhaoath Khan, M. Ferdows, Soret and Dufour Effects in an MHD Flow over a Porous Rotating Disk Using HAM, 6<sup>th</sup> BSME International Conference on Thermal Engineering, 19-21 December 2014, Dhaka.
- 3- **M.M. Rashidi**, A. Hajipour\*, A. Fahimirad, Comparative Analysis of the Atkinson and the Otto Cycles with Heat Transfer, Friction and Variable Specific Heats of Working Fluid, National Conference on Mechanical Engineering 30 May (2013).
- 4- S. Porkhial, H. Sheydae\*, **M.M. Rashidi**, K. Mobini, Evaluate The Effect of Ground Source Heat pump Systems on Energy Savings and Reduced Environmental Pollutants, Second National Conference Clean Energy, Dec (2013).
- 5- S. Porkhial, H. Sheydae\*, **M.M. Rashidi**, K. Mobini, Current status of the performance of ground source heat pump systems in the Iran, Second National Conference Clean Energy, Dec (2013).
- 6- **M.M. Rashidi**, A. Hajipour\*, A. Mousapour\*, Comparison of Performances of Air Standard Atkinson and Dual Cycles with Heat Transfer Considerations, International Conference on Nonlinear Modeling & Optimization 28-29 Aug (2012) Shomal University, Amol, Iran.
- 7- **M.M. Rashidi**, A. Hajipour\*, S.S. Varkaneh, Comparison of Performances of Air Standard Atkinson, Diesel and Otto Cycles with Constant Specific Heats of the Working Fluid, International Conference on Nonlinear Modeling & Optimization 28-29 Aug (2012) Shomal University, Amol, Iran.
- 8- A. Habibzadeh, **M.M. Rashidi**, N. Galanis, Optimization of a Combined Power and Ejector Refrigeration Cycle Using Low Temperature Waste Heat, International Seminar on ORC Power Systems 22-23 Sep (2011), TU Delft.
- 9- **M.M. Rashidi**, N. Galanis, A. Habibzadeh, Combined Power and Refrigeration Cycle for Geothermal Heat Sources, International Seminar on ORC Power Systems 22-23 Sep (2011), TU Delft.

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- 11- N. LARAQI, **M.M. Rashidi**, A. BAÏRI, J.M. GARCIA de MARIA, Modélisation Thermohydrodynamique THD d'un Film de Lubrifiant Situé à L'interface de Deux Solides en Frottement, Congres SFT10, Valenciennes-Touquet 25-28 mai (2010).
- 12- **M.M. Rashidi**, Differential Transform Method for Solving Two Dimensional Viscous Flow, International Conference on Applied Physics and Mathematics (ICAPM 2009) Singapore.
- 13- **M.M. Rashidi**, Analytical Solution of Three-Dimensional Navier-Stokes Equations, International Conference on Applied Physics and Mathematics (ICAPM 2009) Singapore.
- 14- **M.M. Rashidi**, Differential Transform Method for MHD Boundary-Layer Equations: Combination of the DTM and the Padé Approximant, International Conference on Applied Physics and Mathematics (ICAPM 2009) Singapore.
- 15- **M.M. Rashidi**, E. Erfani\*, A Novel Analytical Solution of the Thermal Boundary-Layer over a Flat Plate with a Convective Surface Boundary Condition Using DTM-Padé, International Conference on Applied Physics and Mathematics (ICAPM 2009) Singapore.
- 16- **M.M. Rashidi**, H. Shahmohamadi\*, Analytical Approximate Solution for Two-Dimensional Steady Slip Flow in Microchannels by Variational Iteration Method, International Conference on Applied Physics and Mathematics (ICAPM 2009) Singapore.
- 17- **M.M. Rashidi**, Homotopy Perturbation Method for Solving Two Dimensional Viscous Flow, Fourth International Conference on Energy Research & Development (2008) Kuwait.
- 18- **M.M. Rashidi**, V. Esfahanian, A New Entropy Condition for Increasing Accuracy and Convergence Rate of TVD Scheme, The Thirteen Annual Conference of the CFD Society of Canada (CFD 2005), Canada.
- 19- G. Heidarinejad, **M.M. Rashidi**, V. Esfahanian, A. Azimi, Numerical Simulation of Internal Flows Using Modified Roe's Method, The Ninth Asian Congress of Fluid Mechanics (ACFM9), May 27-31 (2002), IUT, Isfahan. Iran.
- 20- **M.M. Rashidi**, G.H. Liaghat, B. Ghadiri, M. Karimi, Experimental Studies and Numerical Consideration of Explosive Drilling Process, ISME, May 25-27 (2002) 164-171.

## 8.5 Conference Papers in Persian Language (**Chronologically**)

1. **M.M. Rashidi**, N. Freidooni Mehr\*, B. Rostami\*, Analysis of Entropy Generation of MHD Fluid Flow Due to a Stretching Rotating Disk, International Conference on Mechanical Engineering, Islamic Azad University, Majlesi Branch, 10-12 Oct (2012) Isfahan, Iran.

2. **M.M. Rashidi**, B. Rostami\*, N. Freidooni Mehr\*, Analysis of MHD Visco-Elastic Fluid Flow over a Porous Stretching Sheet via HAM, International Conference on Mechanical Engineering, Islamic Azad University, Majlesi Branch, 10-12 Oct (2012) Isfahan, Iran.
3. A. Habibzadeh, **M.M. Rashidi**, N. Galanis, Optimization of a Combined Power and Ejector Refrigeration Cycle Using Low Temperature Waste Heat, ORC2011 Conference, 22-23 Sep (2011) The Netherlands.
4. **M.M. Rashidi**, A. Habibzadeh, Investigation of Different Working Fluids Operations in Combined Power and Refrigeration Cycle, Third Specific Thermodynamic Conference (2011) Rasht, Iran.
5. A. Habibzadeh, **M.M. Rashidi**, Study of Combined Power and Cooling Ejector Refrigeration Cycle with Low Grade Heat Source, Third Specific Thermodynamic Conference (2011) Rasht, Iran.
6. **M.M. Rashidi**, A. Aghagoli\*, Optimal Design of Ejector Refrigeration Cycle, Third Specific Thermodynamic Conference (2011) Rasht, Iran.
7. P. Lashgari, **M.M. Rashidi**, Exergy Analysis of Combined Rankine Power and Ejector Refrigeration Cycle, Third specific thermodynamic conference (2011) Rasht, Iran.
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9. **M.M. Rashidi**, P. Lashkari, A. Moradi, Exergy Analysis of Gas Turbine Power Plant, First Iranian Thermal Science Conference (ITSC) (2011) Mashhad, Iran.
10. **M.M. Rashidi**, M.M. Bastani\*, Numerical Simulation of Axisymmetric Supersonic Viscous Flow around Blunt Cone Using Diagonal Fourth Order Accuracy and Comparison with Experimental Data, 17<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2009).
11. **M.M. Rashidi**, M.H. Jelodar\*, Critical Heat Flux in Subcooled Boiling in Vertical Tubes, 16<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2008).
12. **M.M. Rashidi**, M.M. Bastani\*, Numerical Solution of Axisymmetric Supersonic Viscous Flow around Blunt Cone Using Implicit Fourth Order Accuracy Central Difference Method, 16<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2008).
13. **M.M. Rashidi**, M. H.J. Razaghi\*, Numerical Solution of Internal Flow Using Nonlinear Scalar Numerical Dissipation, Modified Roe Method, 7<sup>th</sup> Conference of Iranian Aerospace Society (2007) 247-255.
14. **M.M. Rashidi**, Numerical Analysis of Three-Dimensional Supersonic Flow Using Modified Total Variational Diminishing Method, 13<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2005).

15. **M.M. Rashidi**, Numerical Simulation of Explosive Drilling Process with a Shaped Charge, 13<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2005).
16. **M.M. Rashidi**, V. Esfahanian, A. Azimi, Numerical Simulation of Internal Flow Using Modified Roe Method, 12<sup>th</sup> Annual International Conference on Mechanical Engineering (ISME) (2004).
17. **M.M. Rashidi**, V. Esfahanian, Numerical Simulation of Three-Dimensional Supersonic Viscous Flow around Complex Geometry Using Multi-Zone Method, 9<sup>th</sup> Conference of Fluid Dynamic (2004).
18. **M.M. Rashidi**, V. Esfahanian, Present a New Method for Increasing the Accuracy and Convergence Rate of TVD Method, Eighth Conference of Fluid Dynamic (2003).
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21. V. Esfahanian, **M.M. Rashidi**, G. Heidarinejad, Numerical Solution of Axisymmetric Supersonic Flow Using Thin-Layer Navier-Stokes Equation with TVD Method, Annual International Conference on Mechanical Engineering (ISME) (2000) 865-875.
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23. **M.M. Rashidi**, V. Esfahanian, Numerical Solution of Axisymmetric Supersonic Flow Using Modified Roe Method, Third Conference of Iranian Aerospace Society (2000) 247-255.
24. **M.M. Rashidi**, G. Heidarinejad, V. Esfahanian, Shock Capturing Using Total Variation Diminishing Method, Third Conference of Iranian Aerospace Society (2000) 161-179.
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## 9 Referee for Some Selected Journals

My **International Ranking in Reviewing** is **2<sup>nd</sup>** in Engineering (Please see [https://publons.com/author/?utm\\_content=menu](https://publons.com/author/?utm_content=menu)).

Abstract and Applied Analysis  
Acta Astronautica

Advances in Difference Equations  
Advances in Engineering Software

Advances in Mathematical Physics (**Hindawi-ISI**)  
Advances in Mechanical Engineering  
Advanced Powder Technology (**Elsevier**)  
Aerospace Science and Technology (**Elsevier**)  
African Journal of Mathematics and Computer Science Research

AIP Advances  
Alexandra Journal of Engineering Science  
American Journal of Energy Research  
American Journal of Mechanical Engineering

American Journal of Modeling and Optimization

American Journal of Nanomaterials  
Analele Universității din Oradea. Fascicula Matematică  
Applications and Applied Mathematics - An International Journal

Applied Mathematics (AM)

Applied Mathematics and Computation (**Elsevier-ISI**)  
Applied Mathematics & Information Sciences

Applied Mathematics and Mechanics (English Edition)  
Applied Thermal Engineering  
International Journal of Mechanic Systems Engineering (IJMSE)  
Alexandria Engineering Journal (**Elsevier**)  
American Journal of Computational Mathematics  
Applications and Applied Mathematics: an International Journal (AAM)  
Applied Bionics and Biomechanics (**Scopus**)  
Applied Mathematics and Mechanics (English Edition) (**Springer-ISI**)  
Applied Mathematical Modelling (**Elsevier-ISI**)  
Applied Mathematics Letters (**Elsevier-ISI**)  
Archives of Mechanics (**ISI**)

Journal of Automation and Control  
JOURNAL OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE

Journal of Civil & Environmental Engineering  
Journal of Computational and Applied Mathematics (**Elsevier-ISI**)

Journal of Computational Methods in Sciences and Engineering (JCMSE)  
Journal of Energy and Power Engineering  
Journal of Engineering and Technology Research  
Journal of Engineering Research and Design (JERD)

Journal of Heat and Mass Transfer Research  
Journal of Heat Transfer

Journal of Hydraulics and hydrology  
Journal of Hydrodynamics, Ser. B (**Elsevier-ISI**)  
JOURNAL OF HYDROLOGY AND HYDROMECHANICS

International Journal of Numerical Methods for Heat and Fluid Flow (**ISI**)

International Journal of Physical Sciences (**ISI**)  
International Journal of Thermal Science (**Elsevier-ISI**)  
**International Journal for Numerical Methods in Fluids (Wiley)**

International Research Journal of Engineering Science, Technology and Innovation  
Jordan Journal of Mechanical and Industrial Engineering (JJMIE)  
**Journal of Applied Mathematics (ISI)**

Journal of Hydrology and Hydrodynamics (**ISI**)  
Journal of Interpolation and Approximation in Scientific Computing

Journal of King Saud University - Engineering Sciences  
Journal of King Saud University (Science) (**Elsevier**)  
Journal of Magnetism and Magnetic Materials (**Elsevier-ISI**)

Journal of Mathematics Research  
Journal of Mechanical Engineering Research (JMER)  
Journal of Mechanics (Cambridge Journals- **ISI**)

Journal of Mechanics in Medicine and Biology  
Journal of Modeling in Engineering

Journal of Modern Physics  
Journal of Molecular Liquids (**Elsevier-ISI**)  
Journal of Nanoengineering and Nanosystems (**ISI**)

Advanced Research in Scientific Computing  
 ASME Journal of Heat Transfer  
 Biomechanics and Modeling in Mechanobiology  
  
 Boundary Value Problems (**ISI**)  
 Bulgarian Chemical Communications  
 British Journal of Applied Science & Technology  
 British Journal of Mathematics & Computer Science  
 Bulgarian Chemical Communications (**ISI**)  
 Bulletin of the Belgian Mathematical Society (**ISI**)  
 Canadian Journal of Physics (**Scopus**)  
  
 Caspian Journal of Applied Sciences Research (**ISI**)  
 Case Studies in Thermal Engineering (**Elsevier**)  
  
 Central European Journal of Engineering (**Springer-Scopus**)  
 Chemical Engineering Communications (**Taylor & Francis**)  
 Chemical Engineering Research and Design (**Elsevier-ISI**)  
 Chemical Industry & Chemical Engineering Quarterly (**ISI**)  
 China Ocean Engineering  
 Computational and Applied Mathematics (**Springer**)  
 Computational Methods for Differential Equations  
  
 Computational Thermal Sciences  
 Computer Modeling in Engineering and Sciences  
 Computers and Fluids (**Elsevier-ISI**)  
 Computers and Mathematics with Applications  
 Computer Methods and Programs in Biomedicine (**Elsevier-ISI**)  
 Computer Physics Communications (**Elsevier-ISI**)  
 Computers and Mathematics with Applications (**Elsevier**)  
 Current Nanoscience (Bentham Science Publishers-**ISI**)  
 Discrete Dynamics in Nature and Society (**ISI**)  
 Elixir International Journal  
 Energy (**Elsevier**)  
 Energy and Buildings  
 Energy Conversion and Management (**Elsevier-ISI**)  
  
 Energy Engineering Management  
 Energy Management Journal (University of Kashan-in Persian)  
  
 Engineering Applications of Computational Fluid Mechanics  
 Engineering Computations  
  
 Engineering Journals  
 Engineering Science and Technology, an International Journal  
 Engineering, Technology & Applied Science  
  
 Journal of Nanofluids  
 Journal of Nature Science and Sustainable Technology  
 Journal of Petroleum and Gas Exploration Research (JPGER)  
 Journal of Porous Media (**Begell House- ISI**)  
 Journal of Risk and Reliability  
 Journal of Scientific Research  
 Journal of the Egyptian Mathematical Society (**Elsevier**)  
 Journal of the Franklin Institute (**Elsevier**)  
 Journal of Theoretical and Applied Physics (**Springer**)  
 Journal of Thermal Analysis and Calorimetry (**Springer-ISI**)  
 Journal of Thermophysics and Heat Transfer (**AIAA**)  
 Journal of the Taiwan Institute of Chemical Engineers (**Elsevier**)  
 JP Journal of Heat and Mass Transfer  
  
 Jurnal Teknologi  
  
 Maejo International Journal of Science and Technology (**ISI**)  
 Malaysian Journal of Mathematical Sciences (MJMS)  
  
 Mathematical and Computer Modelling (**Elsevier-ISI**)  
 Mathematical Methods in the Applied Sciences  
 Mathematical Modelling and Analysis (**Taylor & Francis**)  
 Mathematical Methods in the Applied Sciences (**Wiley**)  
 Mathematical Problems in Engineering (**ISI**)  
 Mathematical Sciences  
 Mathematical Sciences Letters  
 Mathematics  
  
 Meccanica (**Springer**)  
 Modares Mechanical Engineering  
  
 Modern Applied Science (**Scopus**)  
 Modern Mechanical Engineering  
 Modern Physics Letters B  
 Multidiscipline Modeling in Materials and Structures  
 Nanotechnology, Science and Applications  
 National Center for Science and Technology Evaluation-Kazakhstan  
 National Research Foundation (NRF-South Africa)  
 Nonlinear Dynamics (**ISI**)  
  
 Nonlinear Engineering-Modeling and Application  
 Neural Computing and Applications (**Springer**)  
  
 Numerical Methods for Partial Differential Equations (**Wiley**)  
 Nonlinear Analysis Modelling and Control (**Scopus**)  
 Nonlinear Dynamics  
  
 Nonlinear Engineering - Modeling and Application

Research.doc  
 Entropy (**ISI**)  
 Environmental Progress & Sustainable Energy (**Wiley**)  
 European Physical Journal-Applied Physics (**ISI**)  
 Experimental Thermal and Fluid Science (**Elsevier-ISI**)  
 Fluid Mechanics (FM)  
 Fuel  
 Hacettepe Journal of Mathematics and Statistics (HJMS)  
 Heat Transfer-Asian Research (**Scopus**)  
 Heat Transfer Research (**Begell House**)  
 Horizon Research Publishing  
  
 HVAC&R Research (**Taylor & Francis**)  
  
 IEEE Transactions on Nanotechnology (**ISI**)  
 INDERSCIENCE  
 Information Sciences Letters  
 International Journal for Computational Methods in  
 Engineering Science & Mechanics  
 International Journal of Applied and Computational  
 Mathematics (**ISI**)  
 Int. Journal of Computing Science and Mathematics  
 International Journal for Computational Methods in  
 Engineering Science & Mechanics  
 International Journal of Biomathematics  
 International Journal of Computational Methods  
 International Journal of Electrical Power and Energy  
 Systems  
 International Journal of Engineering (**Scopus**)  
 Iranian Journal of Engineering Education  
 International Journal of Energy & Technology  
 International Journal of Engineering, Science and  
 Technology (IJEST)  
 International Journal of Exergy  
 International Journal of Heat and Mass Transfer  
 (**Elsevier-ISI**)  
 International Journal of Hydrogen Energy (**Elsevier-ISI**)  
 International Journal of Industrial Mathematics  
 International Journal of Mathematical Modelling &  
 Computations  
 International Journal of Nanoparticles  
 International Journal of Nonlinear Sciences and  
 Numerical Simulation (**ISI**)  
 International Journal of Numerical Methods for Heat and  
 Fluid Flow  
 International Journal of Partial Differential Equations  
 and Applications  
 International Journal of Physical Sciences  
 International Journal of Refrigeration (**Elsevier-ISI**)  
 International Journal of Renewable Energy Technology  
 (IJRET)  
 INTERNATIONAL JOURNAL OF THE PHYSICAL  
 SCIENCES  
 International Journal of Thermal Sciences  
 International Journal of Thermophysics  
  
 Nuclear Engineering and Design (**Elsevier-ISI**)  
 Ocean Engineering  
 Open Access Library Journal  
 Open Journal of Fluid Dynamics  
 Particuology (**Elsevier-ISI**)  
 PENCIL ACADEMIC PRESS  
 Physical Review & Research International  
 Plos One (**ISI**)  
 Powder Technology (**Elsevier-ISI**)  
 Progress in Computational Fluid Dynamics  
 (Inderscience-**ISI**)  
 Physica A- Statistical Mechanics ant its Application  
 (**Elsevier-ISI**)  
 Physica B - Condensed Matter (**Elsevier-ISI**)  
 Physica E (**Elsevier-ISI**)  
 Physica Scripta (IOPscience-**ISI**)  
 Physics Letters A (**Elsevier-ISI**)  
  
 PLOS ONE  
  
 Powder Technology  
 Propulsion and Power Research  
  
 Progress in Computational Fluid Dynamics  
 Proyecciones Journal of Mathematics  
 Pure and Applied Physics  
  
 Quaestiones Mathematicae (**Taylor & Francis**)  
 Recent Patents on Mechanical Engineering  
 Research on Engineering Structures and Materials  
 Results in Physics  
  
 Royal Society Open Science  
 Science and Education Publishing  
  
 Sience Asia journal  
 Science Postprint  
 Scientia Iranica (**Elsevier**)  
  
 Scientific and Academic Publishing  
 Scientific Research and Essays  
  
 Special Topics and Reviews in Porous Media  
  
 SpringerPlus  
  
 Scientia Iranica  
 Scientific Research and Essays (**Scopus**)  
 Solar Energy Materials and Solar Cells  
  
 Special Topics & Reviews in Porous Media  
  
 SpringerPlus  
 Steel and Composite Structures (**ISI**)



International Scholarly Research Notices ( <b>Hindawi</b> )	Structural Engineering and Mechanics, an International Journal ( <b>ISI</b> )
Inverse Problems in Science & Engineering ( <b>Taylor &amp; Francis</b> )	Tech Science Press
Iranian Journal of Engineering Education	The Arabian Journal for Science and Engineering
Iranian Journal of Science and Technology ( <b>ISI</b> )	The European Physical Journal – Plus ( <b>ISI</b> )
Iranian Journal of Science and Technology Transactions of Mechanical Engineering	The Scientific World Journal
ISME	Thermal Science
Jordan Journal of Mechanical and Industrial Engineering (JJMIE)	Tribology in Industry ( <b>Scopus</b> )
Journal of Advanced Research in Scientific Computing	Walailak Journal of Science and Technology ( <b>Scopus</b> )
Journal of Aerospace Engineering ( <b>ISI</b> )	Waves in Random and Complex Media
Journal of Applied Analysis and Computation	World Applied Sciences Journal
Journal of Applied Fluid Mechanics ( <b>ISI</b> )	World Journal of Engineering and Physical Sciences
Journal of Applied Mathematics	World Journal of Mechanics
Journal of Applied Mechanics and Technical Physics	Zeitschrift für Naturforschung A ( <b>ISI</b> )

### Graduate Advisees (Past)

Mohesen Mirsafai (MS **2006**), Majid Moradi Bastani (MS **2007**), Jalal Razaghi (MS **2007**), Mehdi Hedaiatpoor Jelodar (MS **2007**), Saeed Dinarvad (MS **2008**), Ahmad Dosthosini (MS **2008**), Hamed shahmohamadi (MS **2009**), Seied Amin Mohimani Pour (MS **2009**), Esmaeel Erfani (MS **2010**), Seyed Majid Sadri (MS **2010**), Amir Basiriparsa (MS **2011**), Mohammad Keimanesh (MS **2011**), Mostafa Asadi (MS **2012**), Nima Rahimzade (MS **2012**), Mohammad Taher Rastegari (MS **2012**), Navid Freidooni Mehr (MS **2012**), Ali Reza Hajipour (MS **2013**), Amin Hosini (MS **2013**), Neda Kaviani (MS **2013**), Abas Aghagoli (MS **2013**), Behnam Rostami (MS **2013**), Saeed Bagheri (MS **2014**), Freshteh Mohammadi (MS **2014**), Ali Hosseini (MS **2014**).

## 10 Invited Presentations

- Invited presentation at Shanghai University, Shanghai, China, June 2016.
- Invited presentation at Neijiang Normal University, June 2016.
- Invited presentation at University of Pretoria, Pretoria, South Africa, Feb 2016.
- Invited presentation at Witwatersrand University, Johannesburg, South Africa, Feb 2016.
- Invited presentation at Shanghai University, Shanghai, China, Dec 2015.
- Invited presentation at Beijing University of Civil Engineering and Architecture, Beijing, China, Nov 2015.
- Invited presentation at Shandong University, Shandong, China, May 2015.
- Invited presentation at Shanghai University, Shanghai, China, Apr 2015.