Oluwole D Makinde

List of Publications by Year in Descending Order

337 papers	5,670 citations	38 h-index	53 g-index
349 ext. papers	6,723 ext. citations	1.6 avg, IF	6.92 L-index

#	Paper	IF	Citations
337	Hemodynamical analysis of MHD two phase blood flow through a curved permeable artery having variable viscosity with heat and mass transfer.. *Biomechanics and Modeling in Mechanobiology*, **2022**, 1	3.8	2
336	Analysis of Dual Solutions in MHD Fluid Flow with Heat and Mass Transfer Past an Exponentially Shrinking/Stretching Surface in a Porous Medium. *International Journal of Applied and Computational Mathematics*, **2022**, 8, 1	1.3	0
335	Rheological Modeling of Metallic Oxide Nanoparticles Containing Non-Newtonian Nanofluids and Potential Investigation of Heat and Mass Flow Characteristics.. *Nanomaterials*, **2022**, 12,	5.4	4
334	Hall Currents Impact on Ionized Ethylene Glycol Containing Metal Nanoparticles Flowing Through Vertical Permeable Channel. *Journal of Nanofluids*, **2022**, 11, 453-467	2.2	0
333	Effects of Wus Slip and Non-Uniform Source/Sink on Entropy Optimized Radiative Magnetohydrodynamic Up/Down Flow of Nanofluids. *Journal of Nanofluids*, **2022**, 11, 305-317	2.2	0
332	Modeling Heat Transfer Enhancement of Ferrofluid (Fe3O4H2O) Flow in a Microchannel Filled with a Porous Medium. *Journal of Nanofluids*, **2021**, 10, 31-44	2.2	3
331	Heat transfer analysis of CNTs-water nanofluid flow between nonparallel plates: Approximate solutions. *Heat Transfer*, **2021**, 50, 4978-4992	3.1	3
330	Mathematical analysis of the impact of vaccination and poor sanitation on the dynamics of poliomyelitis. *International Journal of Nonlinear Sciences and Numerical Simulation*, **2021**,	1.8	2
329	Computational study on heat transfer and MHD-electrified flow of fractional Maxwell nanofluids suspended with SWCNT and MWCNT. *Heat Transfer*, **2021**, 50, 5813-5834	3.1	1
328	A study on entropy generation and heat transfer in a magnetohydrodynamic flow of a couple-stress fluid through a thermal nonequilibrium vertical porous channel. *Heat Transfer*, **2021**, 50, 6377-6400	3.1	3
327	Hydromagnetic stagnation point flow of a magnetite ferrofluid past a convectively heated permeable stretching/shrinking sheet in a DarcyForchheimer porous medium. *Sadhana - Academy Proceedings in Engineering Sciences*, **2021**, 46, 1	1	4
326	Mixed Convection of a Radiating Magnetic Nanofluid past a Heated Permeable Stretching/Shrinking Sheet in a Porous Medium. *Mathematical Problems in Engineering*, **2021**, 2021, 1-21	1.1	3
325	Shape effect of nanoparticles on MHD nanofluid flow over a stretching sheet in the presence of heat source/sink with entropy generation. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2021**, ahead-of-print,	4.5	3
324	Boundary layer flow with forced convective heat transfer and viscous dissipation past a porous rotating disk. *Chaos, Solitons and Fractals*, **2021**, 148, 111055	9.3	15
323	Entropy generation analysis in a microchannel Poiseuille flows of nanofluid with nanoparticles injection and variable properties. *Journal of Thermal Analysis and Calorimetry*, **2021**, 143, 1855-1865	4.1	12
322	Computational study of thermal buoyancy from two confined cylinders within a square enclosure wifth single inlet and outlet ports. *Heat Transfer*, **2021**, 50, 1335-1350	3.1	4
321	Mathematical Analysis of an Industrial HIV/AIDS Model that Incorporates Carefree Attitude Towards Sex. *Acta Biotheoretica*, **2021**, 69, 257-276	1.1	1

320	IMPACT OF TEMPERATURE VARIABILITY ON SIRS MALARIA MODEL. *Journal of Biological Systems*, **2021**, 29, 773-798	1.6	2
319	Boundary Layer Flow of Casson Fluid on Exponentially Stretching Porous Surface with Radiative Heat Transfer **2020**, 26, 112-125		2
318	Effect of Inclined Magnetic Field and Heat Transfer in a Walters B Fluid over a Stretching Sheet with Elastic Deformation. *International Journal of Engineering Research in Africa*, **2020**, 48, 38-48	0.7	1
317	Optimal Control Model and Cost Effectiveness Analysis of Maize Streak Virus Pathogen Interaction with Pest Invasion in Maize Plant. *Egyptian Journal of Basic and Applied Sciences*, **2020**, 7, 180-193	1.3	8
316	Implementation of the One-Step One-Hybrid Block Method on the Nonlinear Equation of a Circular Sector Oscillator. *Computational Mathematics and Modeling*, **2020**, 31, 116-132	0.5	41
315	Entropy-optimized radiating water/FCNTs nanofluid boundary-layer flow with convective condition. *European Physical Journal Plus*, **2020**, 135, 1	3.1	16
314	Computational modelling and optimal control of measles epidemic in human population. *BioSystems*, **2020**, 190, 104102	1.9	14
313	Inherent irreversibility in a reactive and radiating magnetic nanoliquid film along a slippery inclined heated surface with convective cooling. *Heat Transfer*, **2020**, 49, 1533-1553	3.1	4
312	Developing buoyant convection in vertical porous annuli with unheated entry and exit. *Heat Transfer*, **2020**, 49, 2551-2576	3.1	5
311	Soret Effect on MHD Casson Fluid Flow Past a Moving Vertical Plate in the Presence of Radiation and Chemical Reaction **2020**, 26, 86-103		2
310	Dual Solutions Analysis of Melting Phenomenon with Mixed Convection in a Nanofluid Flow and Heat Transfer Past a Permeable Stretching/Shrinking Sheet. *Journal of Nanofluids*, **2020**, 9, 313-320	2.2	1
309	EMHD flow of non-Newtonian nanofluids over thin needle with Robinson condition and Arrhenius pre-exponential factor law. *Physica Scripta*, **2020**, 95, 115219	2.6	20
308	3D Bioconvective multiple slip flow of chemically reactive Casson nanofluid with gyrotactic micro-organisms. *Heat Transfer - Asian Research*, **2020**, 49, 135-153	2.8	43
307	3D MHD cross flow over an exponential stretching porous surface. *Heat Transfer*, **2020**, 49, 1256-1280	3.1	7
306	Heat and mass transfer analysis of MHD peristaltic flow through a complaint porous channel with variable thermal conductivity. *Physica Scripta*, **2020**, 95, 045219	2.6	30
305	Heat transfer and buoyancy-driven convective MHD flow of nanofluids impinging over a thin needle moving in a parallel stream influenced by Prandtl number. *Heat Transfer*, **2020**, 49, 655-672	3.1	18
304	Impact of Variable Transport Properties and Slip Effects on MHD Jeffrey Fluid Flow Through Channel. *Arabian Journal for Science and Engineering*, **2020**, 45, 417-428	2.5	23
303	Optimization of thermosolutal convection in vertical porous annulus with a circular baffle. *Thermal Science and Engineering Progress*, **2020**, 20, 100735	3.6	7

302	Thermal performance of straight porous fin with variable thermal conductivity under magnetic field and radiation effects. *Heat Transfer*, **2020**, 49, 5002-5019	3.1	3
301	Biomechanics of Surface Runoff and Soil Water Percolation. *Defect and Diffusion Forum*, **2020**, 401, 36-46	0.7	
300	Peristaltic flow of non-Newtonian fluid through an inclined complaint nonlinear tube: application to chyme transport in the gastrointestinal tract. *European Physical Journal Plus*, **2020**, 135, 1	3.1	6
299	Ohmic Heating and Non-uniform Heat Source/Sink Roles on 3D Darcy—Forchheimer Flow of CNTs Nanofluids Over a Stretching Surface. *Arabian Journal for Science and Engineering*, **2020**, 45, 7705-7717	2.5	50
298	Buoyancy Effects on Human Skin Tissue Thermoregulation due to Environmental Influence. *Defect and Diffusion Forum*, **2020**, 401, 107-116	0.7	
297	Turbulent Heat Transfer Characteristics of a W-Baffled Channel Flow - Heat Transfer Aspect. *Defect and Diffusion Forum*, **2020**, 401, 117-130	0.7	5
296	Squeeze Film Lubrication on a Rigid Sphere and a Flat Porous Plate with Piezo-Viscosity and Couple Stress Fluid. *Defect and Diffusion Forum*, **2020**, 401, 140-147	0.7	0
295	Analytical and Numerical Study on Cross Diffusion Effects on Magneto-Convection of a Chemically Reacting Fluid with Suction/Injection and Convective Boundary Condition. *Defect and Diffusion Forum*, **2020**, 401, 63-78	0.7	1
294	Influence of relaxation-retardation viscous dissipation on chemically reactive flow of Oldroyd-B nanofluid with hyperbolic boundary conditions. *Heat Transfer*, **2020**, 49, 4945-4967	3.1	6
293	Heat convection in micropolar nanofluid through porous medium-filled rectangular open enclosure: effect of an embedded heated object with different geometries. *Journal of Thermal Analysis and Calorimetry*, **2020**, 146, 1865	4.1	2
292	A Semi-Analytical Approach to Time Dependent Squeezing Flow of Cu and Ag Water-Based Nanofluids. *Defect and Diffusion Forum*, **2019**, 393, 121-137	0.7	3
291	3D Simulation of Incompressible Poiseuille Flow through 180° Curved Duct of Square Cross-section under Effect of Thermal Buoyancy. *Periodica Polytechnica, Mechanical Engineering*, **2019**, 63, 257-269	1.8	4
290	Magnetohydrodynamic flow and heat transfer impact on ZnO-SAE50 nanolubricant flow over an inclined rotating disk. *Journal of Central South University*, **2019**, 26, 1146-1160	2.1	23
289	MHD Slip Flow of Casson Fluid along a Nonlinear Permeable Stretching Cylinder Saturated in a Porous Medium with Chemical Reaction, Viscous Dissipation, and Heat Generation/Absorption. *Symmetry*, **2019**, 11, 531	2.7	35
288	Unsteady MHD Flow in a Porous Channel with Thermal Radiation and Heat Source/Sink. *International Journal of Applied and Computational Mathematics*, **2019**, 5, 1	1.3	14
287	Modelling the dynamics of direct and pathogens-induced dysentery diarrhoea epidemic with controls. *Journal of Biological Dynamics*, **2019**, 13, 192-217	2.4	5
286	Ecoepidemiological Model and Analysis of MSV Disease Transmission Dynamics in Maize Plant. *International Journal of Mathematics and Mathematical Sciences*, **2019**, 2019, 1-14	0.8	8
285	Influence of viscous dissipation and double stratification on MHD Oldroyd-B fluid over a stretching sheet with uniform heat source. *SN Applied Sciences*, **2019**, 1, 1	1.8	4

284	Buoyancy Effects on Unsteady MHD Chemically Reacting and Rotating Fluid Flow Past a Plate in a Porous Medium. *Defect and Diffusion Forum*, **2019**, 392, 1-9	0.7	8
283	MHD Mixed Convective Flow of Casson Nanofluid over a Slender Rotating Disk with Source/Sink and Partial Slip Effects. *Defect and Diffusion Forum*, **2019**, 392, 92-122	0.7	7
282	Effects Wall Properties on Peristaltic Transport of Rabinowitsch Fluid through an Inclined Non-Uniform Slippery Tube. *Defect and Diffusion Forum*, **2019**, 392, 138-157	0.7	6
281	Mixed convection flow of Newtonian fluids over an upper horizontal thermally stratified melting surface of a paraboloid of revolution. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2019**, 41, 1	2	16
280	Effects of Thermal-Diffusion and Diffusion-Thermo on Oblique Stagnation Point Flow of Couple Stress Casson Fluid Over a Stretched Horizontal Riga Plate with Higher Order Chemical Reaction. *Journal of Nanofluids*, **2019**, 8, 94-102	2.2	15
279	Investigation of Partial Slip and Viscous Dissipation Effects on the Radiative Tangent Hyperbolic Nanofluid Flow Past a Vertical Permeable Riga Plate with Internal Heating: Bungiorno Model. *Journal of Nanofluids*, **2019**, 8, 51-62	2.2	29
278	Thermophoresis and Brownian Motion Effects on Magnetohydrodynamics Electro-Osmotic Jeffrey Nanofluid Peristaltic Flow in Asymmetric Rotating Microchannel. *Journal of Nanofluids*, **2019**, 8, 349-358	2.2	9
277	Time Varying Chemically Reactive Magneto-Hydrodynamic Non-Linear Falkner-Skan Flow Over a Permeable Stretching/Shrinking Wedge: Buongiorno Model. *Journal of Nanofluids*, **2019**, 8, 467-476	2.2	5
276	Influence of Heat Generation and Viscous Dissipation on Hydromagnetic Fully Developed Natural Convection Flow in a Vertical Micro-Channel. *Journal of Nanofluids*, **2019**, 8, 1506-1516	2.2	13
275	PERISTALTIC MOTION OF NON-NEWTONIAN FLUID WITH VARIABLE LIQUID PROPERTIES IN A CONVECTIVELY HEATED NONUNIFORM TUBE: RABINOWITSCH FLUID MODEL. *Journal of Enhanced Heat Transfer*, **2019**, 26, 277-294	1.7	8
274	MAGNETIC FERRO-NANOFLUID FLOW IN A ROTATING CHANNEL CONTAINING DARCIAN POROUS MEDIUM CONSIDERING INDUCED MAGNETIC FIELD AND HALL CURRENTS. *Special Topics and Reviews in Porous Media*, **2019**, 10, 357-383	2.5	5
273	Influence of Hall Current and Thermal Diffusion on Radiative Hydromagnetic Flow of a Rotating Fluid in Presence of Heat Absorption. *Journal of Nanofluids*, **2019**, 8, 756-766	2.2	4
272	Effect of Electromagnetohydrodynamic on Chemically Reacting Nanofluid Flow over a Cone and Plate. *Trends in Mathematics*, **2019**, 99-107	0.3	2
271	Parameter Estimation and Sensitivity Analysis of Dysentery Diarrhea Epidemic Model. *Journal of Applied Mathematics*, **2019**, 2019, 1-13	1.1	18
270	Mathematical model of childhood diseases outbreak with optimal control and cost effectiveness strategy. *International Journal of Computing Science and Mathematics*, **2019**, 10, 115	0.8	6
269	Flow between Stretchable Rotating Disks in an Anisotropic Porous Medium with Cattaneo Christov Heat Flux. *Defect and Diffusion Forum*, **2019**, 393, 138-148	0.7	1
268	Co-dynamics of measles and dysentery diarrhea diseases with optimal control and cost-effectiveness analysis. *Applied Mathematics and Computation*, **2019**, 347, 903-921	2.7	16
267	Entropy Generation Due to Heat and Mass Transfer in a Flow of Dissipative Elastic Fluid Through a Porous Medium. *Journal of Heat Transfer*, **2019**, 141,	1.8	16

266	Numerical Exploration of Heat Transfer and Lorentz Force Effects on the Flow of MHD Casson Fluid over an Upper Horizontal Surface of a Thermally Stratified Melting Surface of a Paraboloid of Revolution. *International Journal of Nonlinear Sciences and Numerical Simulation*, **2018**, 19, 93-106	1.8	40
265	Magnetohydrodynamic three-dimensional flow of nanofluids with slip and thermal radiation over a nonlinear stretching sheet: a numerical study. *Neural Computing and Applications*, **2018**, 30, 1557-1567	4.8	51
264	Co-dynamics of Pneumonia and Typhoid fever diseases with cost effective optimal control analysis. *Applied Mathematics and Computation*, **2018**, 316, 438-459	2.7	25
263	Thermodynamics Analysis of MHD Casson Fluid Slip Flow in a Porous Microchannel with Thermal Radiation **2018**, 16, 120-139		17
262	Radiation Effect on Heat and Mass Transfer by Natural Convection from a Horizontal Surface Embedded in a Porous Medium **2018**, 16, 140-157		1
261	Combined Effects of Variable Viscosity and Thermal Conductivity on Dissipative Flow of Oil-Based Nanofluid over a Permeable Vertical Surface **2018**, 16, 158-176		4
260	The Flow of Radiated Carreau Dusty Fluid over Exponentially Stretching Sheet with Partial Slip at the Wall **2018**, 16, 96-108		2
259	Numerical study of unsteady hydromagnetic radiating fluid flow past a slippery stretching sheet embedded in a porous medium. *Physics of Fluids*, **2018**, 30, 083601	4.4	38
258	Computer-extended series solution for laminar flow between a fixed impermeable disk and a porous rotating disk. *Engineering Computations*, **2018**, 35, 1655-1674	1.4	4
257	A Mathematical Model for Coinfection of Listeriosis and Anthrax Diseases. *International Journal of Mathematics and Mathematical Sciences*, **2018**, 2018, 1-14	0.8	11
256	Unsteady MHD Slip Flow with Radiative Heat and Mass Transfer over an Inclined Plate Embedded in a Porous Medium. *Defect and Diffusion Forum*, **2018**, 384, 31-48	0.7	4
255	Effects of Homogenous Heterogeneous Reactions on Radiative NaCl-CNP Nanofluid Flow Past a Convectively Heated Vertical Riga Plate. *Journal of Nanofluids*, **2018**, 7, 657-667	2.2	28
254	Entropy Generation Analysis of Spherical and Non-Spherical Ag-Water Nanofluids in a Porous Medium with Magnetic and Porous Dissipation. *Journal of Nanofluids*, **2018**, 7, 951-960	2.2	5
253	Influence of Thermal Radiation and Heat Generation on Steady Hydromagnetic Flow in a Vertical Micro-Porous-Channel in Presence of Suction/Injection. *Journal of Nanofluids*, **2018**, 8, 1010-1019	2.2	9
252	Boundary Layer Non-Linear Convection Flow of Sisko-Nanofluid with Melting Heat Transfer Over an Inclined Permeable Electromagnetic Sheet. *Journal of Nanofluids*, **2018**, 8, 917-928	2.2	6
251	BUOYANCY EFFECTS ON UNSTEADY REACTIVE VARIABLE PROPERTIES FLUID FLOW IN A CHANNEL FILLED WITH A POROUS MEDIUM. *Journal of Porous Media*, **2018**, 21, 721-737	2.9	8
250	MULTIPLE SLIP EFFECTS ON MAGNETOHYDRODYNAMIC BOUNDARY LAYER FLOW OVER A STRETCHING SHEET EMBEDDED IN A POROUS MEDIUM WITH RADIATION AND JOULE HEATING. *Special Topics and Reviews in Porous Media*, **2018**, 9, 117-132	2.5	7
249	Unsteady MHD Flow of Non-Newtonian Fluid in a Channel Filled with a Saturated Porous Medium with Asymmetric Navier Slip and Convective Heating. *Applied Mathematics and Information Sciences*, **2018**, 12, 483-493	2.4	9

248	Optimal Control and Cost-Effectiveness Analysis for Dysentery Epidemic Model. *Applied Mathematics and Information Sciences*, **2018**, 12, 1183-1195	2.4	21
247	Dual-phase-lag heat transfer model in hydromagnetic second grade flow through a microchannel filled with porous material: A time-bound analysis. *Revue Des Composites Et Des Materiaux Avances*, **2018**, 28, 173-194	2.1	3
246	MHD PERISTALTIC SLIP FLOW OF CASSON FLUID AND HEAT TRANSFER IN CHANNEL FILLED WITH A POROUS MEDIUM. *Scientia Iranica*, **2018**, 0-0	1.5	2
245	Unsteady MHD Flow of Radiating and Rotating Fluid with Hall Current and Thermal Diffusion Past a Moving Plate in a Porous Medium. *Defect and Diffusion Forum*, **2018**, 389, 71-85	0.7	6
244	MHD Flow of Dusty Fluid Past a Stretching Sheet with Slip Effect Using Carreau Model. *Defect and Diffusion Forum*, **2018**, 387, 135-144	0.7	2
243	Entropy Analysis of a Radiating Variable Viscosity EG/Ag Nanofluid Flow in Microchannels with Buoyancy Force and Convective Cooling. *Defect and Diffusion Forum*, **2018**, 387, 273-285	0.7	5
242	Transient Rotational Flow of Radiative Nanofluids over an Impermeable Riga Plate with Variable Properties. *Defect and Diffusion Forum*, **2018**, 387, 640-652	0.7	8
241	Buoyancy Effects on MHD Unsteady Convection of a Radiating Chemically Reacting Fluid Past a Moving Porous Vertical Plate in a Binary Mixture. *Defect and Diffusion Forum*, **2018**, 387, 308-318	0.7	12
240	Significance of Buoyancy, Velocity Index and Thickness of an Upper Horizontal Surface of a Paraboloid of Revolution: The Case of Non-Newtonian Carreau Fluid. *Defect and Diffusion Forum*, **2018**, 387, 550-561	0.7	16
239	Slip Flow of an Unsteady Nanofluid Past a Stretching Surface in a Transverse Magnetic Field Using SRM. *Defect and Diffusion Forum*, **2018**, 387, 562-574	0.7	2
238	Exponentially Decaying Heat Source on MHD Tangent Hyperbolic Two-Phase Flows over a Flat Surface with Convective Conditions. *Defect and Diffusion Forum*, **2018**, 387, 286-295	0.7	5
237	Heat Transfer in Variable Viscosity Micro-Channel Flow of EG-Water/Ag Nanofluids with Convective Cooling. *Defect and Diffusion Forum*, **2018**, 387, 182-193	0.7	4
236	Chemical Reaction Effect on MHD Flow of Casson Fluid with Porous Stretching Sheet. *Defect and Diffusion Forum*, **2018**, 389, 100-109	0.7	12
235	MHD Flow of a Carreau Fluid Past a Stretching Cylinder with Cattaneo-Christov Heat Flux Using Spectral Relaxation Method. *Defect and Diffusion Forum*, **2018**, 387, 91-105	0.7	16
234	Stagnation Point Flow with Heat Transfer and Temporal Stability of Ferrofluid Past a Permeable Stretching/Shrinking Sheet. *Defect and Diffusion Forum*, **2018**, 387, 510-522	0.7	7
233	Transient Magneto-Squeezing Flow of NaCl-CNP Nanofluid over a Sensor Surface Inspired by Temperature Dependent Viscosity. *Defect and Diffusion Forum*, **2018**, 387, 600-614	0.7	6
232	Two-Phase Flow of Dusty Casson Fluid with Cattaneo-Christov Heat Flux and Heat Source Past a Cone, Wedge and Plate. *Defect and Diffusion Forum*, **2018**, 387, 625-639	0.7	12
231	Non-Linear Convection in Chemically Reacting Fluid with an Induced Magnetic Field across a Vertical Porous Plate in the Presence of Heat Source/Sink. *Defect and Diffusion Forum*, **2018**, 387, 428-441	0.7	3

230	Influence of Non-Uniform Heat Source/Sink on Unsteady Chemically Reacting Nanofluid Flow over a Cone and Plate. *Defect and Diffusion Forum*, **2018**, 389, 50-59	0.7	9
229	Thermo Diffusion Effects on MHD Chemically Reacting Fluid Flow Past an Inclined Porous Plate in a Slip Flow Regime. *Defect and Diffusion Forum*, **2018**, 387, 587-599	0.7	1
228	Simultaneous Convection of Carreau Fluid with Radiation Past a Convectively Heated Moving Plate. *Defect and Diffusion Forum*, **2018**, 389, 60-70	0.7	5
227	Numerical Study of Unsteady MHD Flow and Entropy Generation in a Rotating Permeable Channel with Slip and Hall Effects. *Communications in Theoretical Physics*, **2018**, 70, 641	2.4	23
226	Hydromagnetic chemically reacting and radiating unsteady mixed convection Blasius flow past surface flat in a porous medium. *International Journal of Computing Science and Mathematics*, **2018**, 9, 525	0.8	2
225	Minimization of Entropy Production in Three Dimensional Dissipative Flow of Nanofluid with Graphene Nanoparticles: A Numerical Study. *Defect and Diffusion Forum*, **2018**, 387, 157-165	0.7	4
224	Heterogeneous and Homogeneous Reaction Analysis on MHD Oldroyd-B Fluid with Cattaneo-Christov Heat Flux Model and Convective Heating. *Defect and Diffusion Forum*, **2018**, 387, 194-206	0.7	12
223	Influence of Catteneo-Christov Heat Flux Model on Mixed Convection Flow of Third Grade Nanofluid over an Inclined Stretched Riga Plate. *Defect and Diffusion Forum*, **2018**, 387, 121-134	0.7	12
222	Magneto-Convective Heat Transfer in Micropolar Nanofluid over a Stretching Sheet with Non-Uniform Heat Source/Sink. *Defect and Diffusion Forum*, **2018**, 387, 78-90	0.7	7
221	Rotating Slip Flow in a Shrinking Permeable Channel Considering Hall Current Effects. *Defect and Diffusion Forum*, **2018**, 387, 534-549	0.7	
220	Analysis of Heat Transfer in a Cylindrical Spine Fin with Variable Thermal Properties. *Defect and Diffusion Forum*, **2018**, 387, 10-22	0.7	8
219	MHD Reacting and Radiating 3-D Flow of Maxwell Fluid Past a Stretching Sheet with Heat Source/Sink and Soret Effects in a Porous Medium. *Defect and Diffusion Forum*, **2018**, 387, 145-156	0.7	12
218	Flow and Heat Transfer in Nanofluid Flow through a Cylinder Filled with Foam Porous Medium under Radial Injection. *Defect and Diffusion Forum*, **2018**, 387, 166-181	0.7	5
217	Convective Boundary Layer Flow of Magnetic Nanofluids under the Influence of Geothermal Viscosity. *Defect and Diffusion Forum*, **2018**, 387, 296-307	0.7	4
216	Effects of Hall Current on Transient Flow of Dusty Fluid with Nonlinear Radiation Past a Convectively Heated Stretching Plate. *Defect and Diffusion Forum*, **2018**, 387, 352-363	0.7	11
215	Impact of Stretching and Penetration of Walls on Nanofluid Flow and Heat Transfer in a Rotating System. *Defect and Diffusion Forum*, **2018**, 387, 37-50	0.7	13
214	Numerical Investigation of Developing Natural Convection in Vertical Double-Passage Porous Annuli. *Defect and Diffusion Forum*, **2018**, 387, 442-460	0.7	16
213	Unsteady Flow of Chemically Reacting Nanofluid over a Cone and Plate with Heat Source/Sink. *Defect and Diffusion Forum*, **2018**, 387, 615-624	0.7	3

212	Temperature Response in Living Skin Tissue Subject to Convective Heat Flux. *Defect and Diffusion Forum*, **2018**, 387, 1-9	0.7	1
211	MHD Stagnation Point Flow of Viscoelastic Nanofluid Past a Convectively Heated Stretching Surface. *Defect and Diffusion Forum*, **2018**, 387, 106-120	0.7	13
210	Effects of Heat Dissipation on the Peristaltic Flow of Jeffery and Newtonian Fluid through an Asymmetric Channel with Porous Medium. *Defect and Diffusion Forum*, **2018**, 387, 218-243	0.7	13
209	Heat Transfer in Plane with Temperature Dependent Thermal Variables. *Defect and Diffusion Forum* , **2018**, 387, 23-36	0.7	1
208	Entropy Analysis of MHD Variable Thermal Conductivity Fluid Flow Past a Convectively Heated Stretching Cylinder. *Defect and Diffusion Forum*, **2018**, 387, 244-259	0.7	8
207	Effects of Viscoelastic Oil-Based Nanofluids on a Porous Nonlinear Stretching Surface with Variable Heat Source/Sink. *Defect and Diffusion Forum*, **2018**, 387, 260-272	0.7	5
206	Entropy Analysis in MHD Flow with Heat Source and Thermal Radiation Past a Stretching Sheet in a Porous Medium. *Defect and Diffusion Forum*, **2018**, 387, 364-372	0.7	4
205	Penetrative Internally Heated Convection in Magnetic Fluids. *Defect and Diffusion Forum*, **2018**, 387, 373-384	0.7	3
204	Spectral Relaxation Method for Powell-Eyring Fluid Flow Past a Radially Stretching Heated Disk Surface in a Porous Medium. *Defect and Diffusion Forum*, **2018**, 387, 575-586	0.7	6
203	Unsteady Magnetohydrodynamic Flow Past a Slendering Stretching Surface with Thermophoresis and Brownian Motion. *Defect and Diffusion Forum*, **2018**, 387, 653-665	0.7	3
202	Dual Stratification on the Darcy-Forchheimer Flow of a Maxwell Nanofluid over a Stretching Surface. *Defect and Diffusion Forum*, **2018**, 387, 207-217	0.7	8
201	Chemically Reacting Unsteady Flow of Nanofluid over a Cone and Plate with Activation Energy. *Defect and Diffusion Forum*, **2018**, 387, 343-351	0.7	1
200	Non Linear Radiative Flow of a Micropolar Nanofluid through a Vertical Channel with Porous Collapsible Walls. *Defect and Diffusion Forum*, **2018**, 387, 498-509	0.7	4
199	Chemical Reaction and Radiation Effects on Non-Newtonian Fluid Flow over a Stretching Sheet with Non-Uniform Thickness and Heat Source. *Defect and Diffusion Forum*, **2018**, 387, 319-331	0.7	7
198	Numerical Simulation of Oscillatory MHD Natural Convection in Cylindrical Annulus: Prandtl Number Effect. *Defect and Diffusion Forum*, **2018**, 387, 417-427	0.7	40
197	Minimization of Entropy Generation in MHD Mixed Convection Flow with Energy Dissipation and Joule Heating: Utilization of Sparrow-Quack-Boerner Local Non-Similarity Method. *Defect and Diffusion Forum*, **2018**, 387, 63-77	0.7	8
196	Soret and Dufour Effect on MHD Jeffrey Nanofluid Flow towards a Stretching Cylinder with Triple Stratification, Radiation and Slip. *Defect and Diffusion Forum*, **2018**, 387, 523-533	0.7	7
195	Chemical Reaction and Thermal Radiation Effects on MHD Mixed Convection over a Vertical Plate with Variable Fluid Properties. *Defect and Diffusion Forum*, **2018**, 387, 332-342	0.7	2

194	On Spectral Relaxation Approach to Radiating Powell-Eyring Fluid Flow over a Stretching Disk with Newtonian Heating. *Defect and Diffusion Forum*, **2018**, 387, 461-473	0.7	2
193	MHD Slip Flow of Cu-Kerosene Nanofluid in a Channel with Stretching Walls Using 3-Stage Lobatto IIIA Formula. *Defect and Diffusion Forum*, **2018**, 387, 51-62	0.7	38
192	Peristaltic Flow of Couple Stress Fluid in an Asymmetric Channel with Partial Slip. *Defect and Diffusion Forum*, **2018**, 387, 385-402	0.7	8
191	MHD Nanofluid Flow Past a Rotating Disk with Thermal Radiation in the Presence of Aluminum and Titanium Alloy Nanoparticles. *Defect and Diffusion Forum*, **2018**, 384, 69-79	0.7	27
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