

2017

No.	Staff Name	Document Type (Journal Article / Proceeding)	Authors	Article Title	Journal / Proceeding Name	Year	Source of Paper (WOS / Scopus)	
1	Majid Z.A., See P.P.	Article	Majid Z.A., See P.P.	Study of predictor corrector block method via multiple shooting to Blasius and Sakiadis flow	Applied Mathematics and Computation	2017	Scopus	Q1
2	Maheri M., Md Arifin N.	Article	Maheri M., Md Arifin N.	Application adaptive exponential synchronization of chaotic dynamical systems in secure communications	Advances in Difference Equations	2017	Scopus	Q2
3	Kilicman A., Borgohain S.	Article	Kilicman A., Borgohain S.	Some new lacunary statistical convergence with ideals	Journal of Inequalities and Applications	2017	Scopus	Q2
4	Khameneh A.Z., Kılıçman A., Salleh A.R.	Article	Khameneh A.Z., Kılıçman A., Salleh A.R.	An Adjustable Approach to Multi-Criteria Group Decision-Making Based on a Preference Relationship Under Fuzzy Soft Information	International Journal of Fuzzy Systems	2017	Scopus	Q2

5	Lakoud A.G., Khaldi R., Kılıçman A.	Article	Lakoud A.G., Khaldi R., Kılıçman A.	Existence of solutions for a mixed fractional boundary value problem	Advances in Difference Equations	2017	Scopus	Q2
6	Deveci O., Taş S., Kılıçman A.	Article	Deveci O., Taş S., Kılıçman A.	On the 2k-step Jordan- Fibonacci sequence	Advances in Difference Equations	2017	Scopus	Q2
7	Restrepo J., Kılıçman A., Agarwal P., Altun O.	Article	Restrepo J., Kılıçman A., Agarwal P., Altun O.	Weighted hypergeometric functions and fractional derivative	Advances in Difference Equations	2017	Scopus	Q2
8	Ahmadian A., Ismail F., Salahshour S., Baleanu D., Ghaemi F.	Article	Ahmadian A., Ismail F., Salahshour S., Baleanu D., Ghaemi F.	Uncertain viscoelastic models with fractional order: A new spectral tau method to study the numerical simulations of the solution	Communications in Nonlinear Science and Numerical Simulation	2017	Scopus	Q1
9	Muslim N., Said M.R.M.	Conference Paper	Muslim N., Said M.R.M.	Elliptic net and its cryptographic application	AIP Conference Proceedings	2017	Scopus	Q2
10	Khalid I.K., Mokhtar N.F.M., Bakri N.A., Siri Z., Ibrahim Z.B., Gani S.S.A.	Conference Paper	Khalid I.K., Mokhtar N.F.M., Bakri N.A., Siri Z., Ibrahim Z.B., Gani S.S.A.	On oscillatory magnetoconvection in a nanofluid layer in the presence of internal heat source and Soret effect	AIP Conference Proceedings	2017	Scopus	Q1

11	Fataf N.A.A., Palit S.K., Mukherjee S., Said M.R.M., Son D.H., Banerjee S.	Article	Fataf N.A.A., Palit S.K., Mukherjee S., Said M.R.M., Son D.H., Banerjee S.	Communication scheme using a hyperchaotic semiconductor laser model: Chaos shift key revisited	European Physical Journal Plus	2017	Scopus	Q2
12	Rafar R.A., Nik Long N.M.A., Senu N., Noda N.A.	Article	Rafar R.A., Nik Long N.M.A., Senu N., Noda N.A.	Stress intensity factor for multiple inclined or curved cracks problem in circular positions in plane elasticity	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	2017	Scopus	Q1
13	Mokhtar N.F.M., Khalid I.K., Siri Z., Ibrahim Z.B., Gani S.S.A.	Article	Mokhtar N.F.M., Khalid I.K., Siri Z., Ibrahim Z.B., Gani S.S.A.	Control strategy on the double-diffusive convection in a nanofluid layer with internal heat generation	Physics of Fluids	2017	Scopus	Q2
14	Mohammed M.A., Atan K.A., Khalaf A.M., Hasni R., Said M.R.Md., Nawawi A.	Article	Mohammed M.A., Atan K.A., Khalaf A.M., Hasni R., Said M.R.Md., Nawawi A.	Atom bond connectivity index of molecular graphs of alkenes and cycloalkenes	Journal of Computational and Theoretical Nanoscience	2017	Scopus	Q2
15	Kardri M.A., Bachok N., Arifin N.M., Ali F.M.	Conference Paper	Kardri M.A., Bachok N., Arifin N.M., Ali F.M.	Second-order velocity slip with axisymmetric stagnation point flow and heat transfer due to a stretching vertical	Journal of Physics: Conference Series	2017	Scopus	Q1

				plate in a Copper-water nanofluid				
16	Ahmedov A., Materneh E., Zainuddin H.	Conference Paper	Ahmedov A., Materneh E., Zainuddin H.	On the almost everywhere convergence of the eigenfunction expansions from Liouville classes $L1\alpha$ ($\{TN\}$)	Journal of Physics: Conference Series	2017	Scopus	Q2
17	Rakhimov I.S., Said Husain Sh.K., Mohammed M.A.	Conference Paper	Rakhimov I.S., Said Husain Sh.K., Mohammed M.A.	On extensions of Leibniz algebras	Journal of Physics: Conference Series	2017	Scopus	Q2
18	Nurullah Rasedee A.F., Ishak N., Hamzah S.R., Ijam H.M., Suleiman M., Ibrahim Z.B., Abdul Sathar M.H., Ramli N.A., Kamaruddin N.S.	Conference Paper	Nurullah Rasedee A.F., Ishak N., Hamzah S.R., Ijam H.M., Suleiman M., Ibrahim Z.B., Abdul Sathar M.H., Ramli N.A., Kamaruddin N.S.	Variable order variable stepsize algorithm for solving nonlinear Duffing oscillator	Journal of Physics: Conference Series	2017	Scopus	Q2

19	Chong C.-Y., Habibullah M.S., Baharumshah A.Z., Midi H.	Article	Chong C.-Y., Habibullah M.S., Baharumshah A.Z., Midi H.	Structural convergence among ASEAN economies	Advanced Science Letters	2017	Scopus	Q2
20	Hafidzuddin E.H., Nazar R., Arifin N.M., Pop I.	Article	Hafidzuddin E.H., Nazar R., Arifin N.M., Pop I.	Effects of anisotropic slip on three- dimensional stagnation- point flow past a permeable moving surface	European Journal of Mechanics, B/Fluids	2017	Scopus	Q2
21	Salleh S.N.A., Bachok N., Arifin N.M.	Conference Paper	Salleh S.N.A., Bachok N., Arifin N.M.	Rotating flow of a nanofluid due to an exponentially stretching surface with suction	AIP Conference Proceedings	2017	Scopus	Q1
22	Bakar N.A.A., Bachok N., Arifin N.M.	Conference Paper	Bakar N.A.A., Bachok N., Arifin N.M.	Rotating flow over a stretching sheet in nanofluid using Buongiorno model and thermophysical properties of nanoliquids	AIP Conference Proceedings	2017	Scopus	Q2
23	Bakar S.A., Arifin N.M., Ali F.M., Bachok N., Nazar R.	Conference Paper	Bakar S.A., Arifin N.M., Ali F.M., Bachok N., Nazar R.	A stability analysis on forced convection boundary layer stagnation-point slip flow in Darcy- Forchheimer porous	AIP Conference Proceedings	2017	Scopus	Q1

				medium towards a shrinking sheet				
24	Guure C.B., Ibrahim N.A., Adam M.B., Said S.M.	Article	Guure C.B., Ibrahim N.A., Adam M.B., Said S.M.	Joint modelling of longitudinal 3MS scores and the risk of mortality among cognitively impaired individuals	PLoS ONE	2017	Scopus	Q1
25	Md Said M.R., Hina A.D., Banerjee S.	Article	Md Said M.R., Hina A.D., Banerjee S.	Cryptanalysis of a family of 1D unimodal maps	European Physical Journal: Special Topics	2017	Scopus	Q2
25	Palit S.K., Fataf N.A.A., Md Said M.R., Mukherjee S., Banerjee S.	Article	Palit S.K., Fataf N.A.A., Md Said M.R., Mukherjee S., Banerjee S.	Complexity in synchronized and non-synchronized states: A comparative analysis and application	European Physical Journal: Special Topics	2017	Scopus	Q2
27	Chowdhury S.H.H., Zainuddin H.	Article	Chowdhury S.H.H., Zainuddin H.	Wigner functions for gauge equivalence classes of unitary irreducible representations of noncommutative quantum mechanics	European Physical Journal: Special Topics	2017	Scopus	Q2
28	Imran A.N., Rakhimov I.S.	Article	Imran A.N., Rakhimov I.S.	On bornological semi rings	Applied Mathematics and Information Sciences	2017	Scopus	Q2

29	Banerjee S., Colangeli M.	Editorial	Banerjee S., Colangeli M.	Complexity, Chaos and Fluctuations	European Physical Journal: Special Topics	2017	Scopus	Q2
30	Anisimov D.N., Dang T.S., Banerjee S., Mai T.A.	Article	Anisimov D.N., Dang T.S., Banerjee S., Mai T.A.	Design and implementation of fuzzy-PD controller based on relation models: A cross-entropy optimization approach	European Physical Journal: Special Topics	2017	Scopus	Q2
31	Mukherjee S., Palit S.K., Banerjee S., Wahab A.W.A., Ariffin M.R.K., Bhattacharya D.K.	Article	Mukherjee S., Palit S.K., Banerjee S., Wahab A.W.A., Ariffin M.R.K., Bhattacharya D.K.	Computing two dimensional Poincaré maps for hyperchaotic dynamics	Applied Mathematics and Computation	2017	Scopus	Q1
32	Adnan N.I.M., Adam M.B., Ibrahim N.A., Ishak M.Y., Azmai M.N.A.	Conference Paper	Adnan N.I.M., Adam M.B., Ibrahim N.A., Ishak M.Y., Azmai M.N.A.	Functional extreme rainfall data in Petaling Jaya	AIP Conference Proceedings	2017	Scopus	Q1
33	Aziz N.A., Midi H., Mustafa M.S.	Article	Aziz N.A., Midi H., Mustafa M.S.	Improvised desirability function for dual response surface	Advanced Science Letters	2017	Scopus	Q2

34	Merkin J.H., Najib N., Bachok N., Ishak A., Pop I.	Article	Merkin J.H., Najib N., Bachok N., Ishak A., Pop I.	Stagnation-point flow and heat transfer over an exponentially stretching/shrinking cylinder	Journal of the Taiwan Institute of Chemical Engineers	2017	Scopus	Q1
35	Rondoni L., Ariffin M.R.K., Varatharajoo R., Mukherjee S., Palit S.K., Banerjee S.	Article	Rondoni L., Ariffin M.R.K., Varatharajoo R., Mukherjee S., Palit S.K., Banerjee S.	Optical complexity in external cavity semiconductor laser	Optics Communications	2017	Scopus	Q2
36	Bakar N.A.A., Bachok N., Arifin N.M.	Article	Bakar N.A.A., Bachok N., Arifin N.M.	Moving plate in a nanofluid using buongiorno model and thermophysical properties of nanoliquids	JP Journal of Heat and Mass Transfer	2017	Scopus	Q1
37	Hafidzuddin E.H., Nazar R., Arifin N.M.	Article	Hafidzuddin E.H., Nazar R., Arifin N.M.	Dual solutions and stability analysis of unsteady stagnation- point flow and heat transfer over a shrinking surface with radiation effect	JP Journal of Heat and Mass Transfer	2017	Scopus	Q1
38	Rakhimov I.S., Masutova K.K., Omirov B.A.	Article	Rakhimov I.S., Masutova K.K., Omirov B.A.	On Derivations of Semisimple Leibniz Algebras	Bulletin of the Malaysian Mathematical Sciences Society	2017	Scopus	Q2

39	Ateş A., Altun O., Kilicman A.	Article	Ateş A., Altun O., Kilicman A.	On a comparison of numerical solution methods for general transport equation on cylindrical coordinates	Applied Mathematics and Information Sciences	2017	Scopus	Q2
40	Sarfaraz M., Ahmad M., Kılıçman A.	Article	Sarfaraz M., Ahmad M., Kılıçman A.	Approximation solution for system of generalized ordered variational inclusions with operator in ordered Banach space	Journal of Inequalities and Applications	2017	Scopus	Q2
41	Saleh S.H.M., Arifin N.Md., Nazar R., Pop I.	Article	Saleh S.H.M., Arifin N.Md., Nazar R., Pop I.	Unsteady mixed convection stagnation-point flow over a plate moving along the direction of flow impingement	International Journal of Numerical Methods for Heat and Fluid Flow	2017	Scopus	Q2
42	Othman N.A., Yacob N.A., Bachok N., Ishak A., Pop I.	Article	Othman N.A., Yacob N.A., Bachok N., Ishak A., Pop I.	Mixed convection boundary-layer stagnation point flow past a vertical stretching/shrinking surface in a nanofluid	Applied Thermal Engineering	2017	Scopus	Q1