

2019

No.	Staff Name	Document Type (Journal Article / Proceeding)	Authors	Article Title	Journal / Proceeding Name	Year	Source of Paper (WOS / Scopus)	
1	Amodu O.A., Othman M., Noordin N.K., Ahmad I.	Article	Amodu O.A., Othman M., Noordin N.K., Ahmad I.	Transmission capacity analysis of relay-assisted D2D cellular networks with M2M coexistence	Computer Networks	2019	Scopus	Q1
2	Najib N., Bachok N.A., Arifin N.M., Ali F.M.	Article	Najib N., Bachok N.A., Arifin N.M., Ali F.M.	Stability analysis of stagnation point flow in nanofluid over stretching/shrinking sheet with slip effect using buongiorno's model	Numerical Algebra, Control and Optimization	2019	Scopus	Q2
3	Almutairi O., Kiliçman A.	Article	Almutairi O., Kiliçman A.	Some integral inequalities for h-Godunova-Levin preinvexity	Symmetry	2019	Scopus	Q2
4	Zahedi Khameneh A., Kilicman A.	Article	Zahedi Khameneh A., Kilicman A.	A fuzzy majority-based construction method for composed aggregation functions by using combination operator	Information Sciences	2019	Scopus	Q1

5	Almutairi A., Kılıçman A.	Article	Almutairi A., Kılıçman A.	New refinements of the Hadamard inequality on coordinated convex function	Journal of Inequalities and Applications	2019	Scopus	Q2
6	Hamdan N.I., Kilicman A.	Article	Hamdan N.I., Kilicman A.	Analysis of the fractional order dengue transmission model: a case study in Malaysia	Advances in Difference Equations	2019	Scopus	Q2
7	Abidin N.H.Z., Mokhtar N.F.M., Majid Z.A.	Article	Abidin N.H.Z., Mokhtar N.F.M., Majid Z.A.	Onset of benard-marangoni instabilities in a double diffusive binary fluid layer with temperature-dependent viscosity	Numerical Algebra, Control and Optimization	2019	Scopus	Q2
8	Mohan Reddy P.V., Susai Manuel M.M., Kiliçman A.	Article	Mohan Reddy P.V., Susai Manuel M.M., Kiliçman A.	Oscillation criteria for third order neutral generalized difference equations with distributed delay	Symmetry	2019	Scopus	Q2
9	Kiliçman A., Borghain S., Küçükaslan M.	Article	Kiliçman A., Borghain S., Küçükaslan M.	Some Tauberian conditions on logarithmic density	Advances in Difference Equations	2019	Scopus	Q2
10	Yan B., Palit S.K., Mukherjee S., Banerjee S.	Article	Yan B., Palit S.K., Mukherjee S., Banerjee S.	Signature of complexity in time–frequency domain	Physica A: Statistical Mechanics and its Applications	2019	Scopus	Q2

11	Rabiei F., Hamid F.A., Majid Z.A., Ismail F.	Article	Rabiei F., Hamid F.A., Majid Z.A., Ismail F.	Numerical solutions of volterra integro-differential equations using general linear method	Numerical Algebra, Control and Optimization	2019	Scopus	Q2
12	Agarwal R.P., Kiliçman A., Parmar R.K., Rathie A.K.	Article	Agarwal R.P., Kiliçman A., Parmar R.K., Rathie A.K.	Certain generalized fractional calculus formulas and integral transforms involving (p, q) -Mathieu- type series	Advances in Difference Equations	2019	Scopus	Q2
13	Khashi'ie N.S., Arifin N.M., Nazar R., Hafidzuddin E.H., Wahi N., Pop I.	Article	Khashi'ie N.S., Arifin N.M., Nazar R., Hafidzuddin E.H., Wahi N., Pop I.	Mixed convective flow and heat transfer of a dual stratified micropolar fluid induced by a permeable stretching/shrinking sheet	Entropy	2019	Scopus	Q2
14	Nasir N.M., Majid Z.A., Ismail F., Bachok N.	Article	Nasir N.M., Majid Z.A., Ismail F., Bachok N.	Direct integration of boundary value problems using the block method via the shooting technique combined with Steffensen's strategy	Mathematics	2019	Scopus	Q1
15	Almutairi O., Kiliçman A.	Article	Almutairi O., Kiliçman A.	Generalized integral inequalities for Hermite- Hadamard-type inequalities via s -convexity on fractal sets	Mathematics	2019	Scopus	Q1

16	Suryanto A., Darti I., Panigoro H.S., Kilicman A.	Article	Suryanto A., Darti I., Panigoro H.S., Kilicman A.	A fractional-order predator- prey model with ratio- dependent functional response and linear harvesting	Mathematics	2019	Scopus	Q1
17	Amodu O.A., Othman M., Noordin N.K., Ahmad I.	Article	Amodu O.A., Othman M., Noordin N.K., Ahmad I.	A primer on design aspects, recent advances, and challenges in cellular device- to-device communication	Ad Hoc Networks	2019	Scopus	Q1
18	Abdul Rahim M.F., Natiq H., Fataf N.A.A., Banerjee S.	Article	Abdul Rahim M.F., Natiq H., Fataf N.A.A., Banerjee S.	Dynamics of a new hyperchaotic system and multistability	European Physical Journal Plus	2019	Scopus	Q2
19	Eltayeb H., Mesloub S., Abdalla Y.T., Kiliçman A.	Article	Eltayeb H., Mesloub S., Abdalla Y.T., Kiliçman A.	A Note on Double Conformable Laplace Transform Method and Singular One Dimensional Conformable Pseudohyperbolic Equations	Mathematics	2019	Scopus	Q1
20	Phu N.D., Ahmadian A., Hung N.N., Salahshour S., Senu N.	Article	Phu N.D., Ahmadian A., Hung N.N., Salahshour S., Senu N.	Narrow Metric Semi-linear Space of Intuitionistic Fuzzy Numbers: Application to AIDS Model	International Journal of Fuzzy Systems	2019	Scopus	Q2

21	Hamzah K.B., Nik Long N.M.A., Senu N., Eshkuvatov Z.K.	Article	Hamzah K.B., Nik Long N.M.A., Senu N., Eshkuvatov Z.K.	Stress intensity factor for multiple cracks in bonded dissimilar materials using hypersingular integral equations	Applied Mathematical Modelling	2019	Scopus	Q1
22	Ahmed I., Kumam P., Ibragimov G., Rilwan J., Kumam W.	Article	Ahmed I., Kumam P., Ibragimov G., Rilwan J., Kumam W.	An optimal pursuit differential game problem with one evader and many pursuers	Mathematics	2019	Scopus	Q1
23	Yunus N.A.M., Othman M., Hanapi Z.M., Yeah Lun K.	Article	Yunus N.A.M., Othman M., Hanapi Z.M., Yeah Lun K.	Enhancement Replicated Network: A Reliable Multistage Interconnection Network Topology	IEEE Systems Journal	2019	Scopus	Q2
24	Zahedi Khameneh A., Kılıçman A.	Review	Zahedi Khameneh A., Kılıçman A.	Multi-attribute decision- making based on soft set theory: a systematic review	Soft Computing	2019	Scopus	Q2
25	Salahshour S., Ahmadian A., Salimi M., Ferrara M., Baleanu D.	Article	Salahshour S., Ahmadian A., Salimi M., Ferrara M., Baleanu D.	Asymptotic solutions of fractional interval differential equations with nonsingular kernel derivative	Chaos	2019	Scopus	Q1

26	He S., Fataf N.A.A., Banerjee S., Sun K.	Article	He S., Fataf N.A.A., Banerjee S., Sun K.	Complexity in the muscular blood vessel model with variable fractional derivative and external disturbances	Physica A: Statistical Mechanics and its Applications	2019	Scopus	Q1
27	Chakraborty A., Mondal S.P., Alam S., Ahmadian A., Senu N., De D., Salahshour S.	Article	Chakraborty A., Mondal S.P., Alam S., Ahmadian A., Senu N., De D., Salahshour S.	Disjunctive representation of triangular bipolar neutrosophic numbers, de-bipolarization technique and application in multi-criteria decision-making problems	Symmetry	2019	Scopus	Q2
28	Alrshah M.A., Al-Maqri M.A., Othman M.	Article	Alrshah M.A., Al-Maqri M.A., Othman M.	Elastic-TCP: Flexible Congestion Control Algorithm to Adapt for High-BDP Networks	IEEE Systems Journal	2019	Scopus	Q2
29	He S., Banerjee S., Sun K.	Article	He S., Banerjee S., Sun K.	Complex dynamics and multiple coexisting attractors in a fractional-order microscopic chemical system	European Physical Journal: Special Topics	2019	Scopus	Q2
30	Natiq H., Banerjee S., Said M.R.M.	Article	Natiq H., Banerjee S., Said M.R.M.	Cosine chaotification technique to enhance chaos and complexity of discrete systems	European Physical Journal: Special Topics	2019	Scopus	Q2

31	Natiq H., Banerjee S., Misra A.P., Said M.R.M.	Article	Natiq H., Banerjee S., Misra A.P., Said M.R.M.	Degenerating the butterfly attractor in a plasma perturbation model using nonlinear controllers	Chaos, Solitons and Fractals	2019	Scopus	Q1
32	Khashi'ie N.S., Arifin N.M., Hafidzuddin E.H., Wahi N.	Article	Khashi'ie N.S., Arifin N.M., Hafidzuddin E.H., Wahi N.	Dual stratified nanofluid flow past a permeable shrinking/stretching sheet using a non-fourier energy model	Applied Sciences (Switzerland)	2019	Scopus	Q1
33	Khashi'ie N.S., Arifin N.M., Nazar R., Hafidzuddin E.H., Wahi N., Pop I.	Article	Khashi'ie N.S., Arifin N.M., Nazar R., Hafidzuddin E.H., Wahi N., Pop I.	A stability analysis for magnetohydrodynamics stagnation point flow with zero nanoparticles flux condition and anisotropic slip	Energies	2019	Scopus	Q1
34	Salleh S.N.A., Bachok N., Arifin N.M., Ali F.M.	Article	Salleh S.N.A., Bachok N., Arifin N.M., Ali F.M.	Numerical analysis of boundary layer flow adjacent to a thin needle in nanofluid with the presence of heat source and chemical reaction	Symmetry	2019	Scopus	Q2
35	Anuar N.S., Bachok N., Arifin N.M., Rosali H.	Article	Anuar N.S., Bachok N., Arifin N.M., Rosali H.	Stagnation point flow and heat transfer over an exponentially stretching/shrinking sheet in CNT with homogeneous- heterogeneous reaction: Stability analysis	Symmetry	2019	Scopus	Q2

36	Sim H.S., Leong W.J., Chen C.Y.	Article	Sim H.S., Leong W.J., Chen C.Y.	Gradient method with multiple damping for large- scale unconstrained optimization	Optimization Letters	2019	Scopus	Q2
37	Dilip D.S., Kiliçman A., Babu S.C.	Article	Dilip D.S., Kiliçman A., Babu S.C.	Asymptotic and boundedness behaviour of a rational difference equation	Journal of Difference Equations and Applications	2019	Scopus	Q2
38	Eltayeb H., Bachar I., Kiliçman A.	Article	Eltayeb H., Bachar I., Kiliçman A.	On conformable double Laplace transform and one dimensional fractional coupled Burgers' equation	Symmetry	2019	Scopus	Q2
39	Majid Z.A., Rabiei F., Hamid F.A., Ismail F.	Article	Majid Z.A., Rabiei F., Hamid F.A., Ismail F.	Fuzzy volterra integro- differential equations using general linear method	Symmetry	2019	Scopus	Q2
40	Ismail N.S., Arifin N.M., Nazar R., Bachok N.	Article	Ismail N.S., Arifin N.M., Nazar R., Bachok N.	Stability analysis of unsteady MHD stagnation point flow and heat transfer over a shrinking sheet in the presence of viscous dissipation	Chinese Journal of Physics	2019	Scopus	Q2
41	Chakraborty A., Mondal S.P., Alam S., Ahmadian A., Senu N., De	Article	Chakraborty A., Mondal S.P., Alam S., Ahmadian A.,	The pentagonal fuzzy number: Its different representations, properties, ranking, defuzzification and	Symmetry	2019	Scopus	Q2

	D., Salahshour S.		Senu N., De D., Salahshour S.	application in game problems				
42	Li H., Chen D., Arzaghi E., Abbassi R., Kilicman A., Caraballo T., Patelli E., Gao X., Xu B.	Article	Li H., Chen D., Arzaghi E., Abbassi R., Kilicman A., Caraballo T., Patelli E., Gao X., Xu B.	Dynamic safety assessment of a nonlinear pumped- storage generating system in a transient process	Communications in Nonlinear Science and Numerical Simulation	2019	Scopus	Q1
43	Nawawi A., Husain S.K.S., Ariffin M.R.K.	Article	Nawawi A., Husain S.K.S., Ariffin M.R.K.	Commuting Graphs, $C(G, X)$ in Symmetric Groups $Sym(n)$ and its connectivity	Symmetry	2019	Scopus	Q2
44	Amanov D., Ibragimov G., Kilicman A.	Article	Amanov D., Ibragimov G., Kilicman A.	On a generalization of the initial-boundary problem for the vibrating string equation	Symmetry	2019	Scopus	Q2
45	Natiq H., Banerjee S., Ariffin M.R.K., Said M.R.M.	Article	Natiq H., Banerjee S., Ariffin M.R.K., Said M.R.M.	Can hyperchaotic maps with high complexity produce multistability?	Chaos	2019	Scopus	Q1
46	Zangbari Koochi S., Abdul Hamid N.A.W.,	Article	Zangbari Koochi S., Abdul Hamid N.A.W., Othman M., Ibragimov G.	Raccoon Optimization Algorithm	IEEE Access	2019	Scopus	Q1

	Othman M., Ibragimov G.							
47	Muslikh M., Kiliçman A., bt Sapar S.H., bt Bachok N.	Article	Muslikh M., Kiliçman A., bt Sapar S.H., bt Bachok N.	Common fixed-point theorems of Caristi-type mappings by using its absolute derivative	Applied Mathematics and Information Sciences	2019	Scopus	Q2
48	Ali S.J., Arifin N.Md., Naji R.K., Ismail F., Bachok N.	Article	Ali S.J., Arifin N.Md., Naji R.K., Ismail F., Bachok N.	Global stability of a three species predator-prey food chain dynamics	Dynamics of Continuous, Discrete and Impulsive Systems Series B: Applications and Algorithms	2019	Scopus	Q2
49	Das J.C., De D., Mondal S.P., Ahmadian A., Ghaemi F., Senu N.	Article	Das J.C., De D., Mondal S.P., Ahmadian A., Ghaemi F., Senu N.	QCA Based Error Detection Circuit for Nano Communication Network	IEEE Access	2019	Scopus	Q1
50	Junoh M.M., Ali F.M., Pop I.	Article	Junoh M.M., Ali F.M., Pop I.	Magnetohydrodynamics stagnation-point flow of a nanofluid past a stretching/shrinking sheet with induced magnetic field: A revised model	Symmetry	2019	Scopus	Q2

51	Almutairi O., Kılıçman A.	Article	Almutairi O., Kılıçman A.	New fractional inequalities of midpoint type via s-convexity and their application	Journal of Inequalities and Applications	2019	Scopus	Q2
52	Hamdan N., Kilicman A.	Article	Hamdan N., Kilicman A.	Local stability of dengue model using the fractional order system with different memory effect on the host and vector population	Thermal Science	2019	Scopus	Q2
53	Ala'anzy M., Othman M.	Article	Ala'anzy M., Othman M.	Load Balancing and Server Consolidation in Cloud Computing Environments: A Meta-Study	IEEE Access	2019	Scopus	Q1
54	Roy A., Misra A.P., Banerjee S.	Article	Roy A., Misra A.P., Banerjee S.	Chaos-based image encryption using vertical-cavity surface-emitting lasers	Optik	2019	Scopus	Q2
55	Che Hussin C.H., Ismail A.I.M., Kilicman A., Azmi A.	Article	Che Hussin C.H., Ismail A.I.M., Kilicman A., Azmi A.	Analytical solutions of non-linear Klein-Gordon equations using multistep modified reduced differential transform method	Thermal Science	2019	Scopus	Q2
56	Natiq H., Said M.R.M., Al- Saidi N.M.G., Kilicman A.	Article	Natiq H., Said M.R.M., Al-Saidi N.M.G., Kilicman A.	Dynamics and complexity of a new 4D chaotic laser system	Entropy	2019	Scopus	Q2

57	Ghawadri N., Senu N., Fawzi F.A., Ismail F., Ibrahim Z.B.	Article	Ghawadri N., Senu N., Fawzi F.A., Ismail F., Ibrahim Z.B.	Diagonally implicit Runge- Kutta type method for directly solving special fourth-order ordinary differential equations with ill-posed problem of a beam on elastic foundation	Algorithms	2019	Scopus	Q2
----	---	---------	--	---	------------	------	--------	----