

2018

NO.	STAFF NAME	DOCUMENT TYPE	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	YEAR		INDEXING
1	D. Jikantoro, Y., Ismail, F., Senu, N., Ibrahim, Z.B.	Journal Article	D. Jikantoro, Y., Ismail, F., Senu, N., Ibrahim, Z.B.	Hybrid methods for direct integration of special third order ordinary differential equations	Applied Mathematics and Computation	2018	Q1	Scopus, ISI Thomson
2	Natiq, H., Al- Saidi, N.M.G., Said, M.R.M., Kilicman, A.	Journal Article	Natiq, H., Al- Saidi, N.M.G., Said, M.R.M., Kilicman, A.	A new hyperchaotic map and its application for image encryption	European Physical Journal Plus	2018	Q2	Scopus, ISI Thomson
3	Isa, S., Majid, Z.A., Ismail, F., Rabiei, F.	Journal Article	Isa, S., Majid, Z.A., Ismail, F., Rabiei, F.	Diagonally implicit multistep block method of order four for solving fuzzy differential equations using Seikkala derivatives	Symmetry	2018	Q2	Scopus, ISI Thomson

4	Khameneh, A.Z., Kılıçman, A.	Journal Article	Khameneh, A.Z., Kılıçman, A.	Parameter Reduction of Fuzzy Soft Sets: An Adjustable Approach Based on the Three-Way Decision	International Journal of Fuzzy Systems	2018	Q2	Scopus, ISI Thomson
5	He, S., Banerjee, S.	Journal Article	He, S., Banerjee, S.	Epidemic outbreaks and its control using a fractional order model with seasonality and stochastic infection	Physica A: Statistical Mechanics and its Applications	2018	Q1	Scopus, ISI Thomson
6	He, S., Banerjee, S.	Journal Article	He, S., Banerjee, S.	Multicavity formations and complexity modulation in a hyperchaotic discrete system	Physica A: Statistical Mechanics and its Applications	2018	Q1	Scopus, ISI Thomson
7	Jikantoro, Y.D., Ismail, F., Senu, N., Ibrahim, Z.B.	Journal Article	Jikantoro, Y.D., Ismail, F., Senu, N., Ibrahim, Z.B.	A Class of Hybrid Methods for Direct Integration of Fourth-Order Ordinary Differential Equations	Bulletin of the Malaysian Mathematical Sciences Society	2018	Q2	Scopus, ISI Thomson
8	Ibragimov, G. , Ferrara, M., Kuchkarov, A., Pansera, B.A.	Journal Article	Ibragimov, G. , Ferrara, M., Kuchkarov, A., Pansera, B.A.	Simple Motion Evasion Differential Game of Many Pursuers and	Dynamic Games and Applications	2018	Q2	Scopus, ISI Thomson

				Evaders with Integral Constraints				
9	Buba, A.T., Lee, L.S.	Journal Article	Buba, A.T., Lee, L.S.	A differential evolution for simultaneous transit network design and frequency setting problem	Expert Systems with Applications	2018	Q1	Scopus, ISI Thomson
10	Ali, N.A., Kilicman, A. , Trao, H.M.	Journal Article	Ali, N.A., Kilicman, A. , Trao, H.M.	Restricted triangulation on circulant graphs	Open Mathematics	2018	Q2	Scopus
11	Mukherjee, S., Banerjee, S. , Rondoni, L.	Journal Article	Mukherjee, S., Banerjee, S. , Rondoni, L.	Dispersive graded entropy on computing dynamical complexity	Physica A: Statistical Mechanics and its Applications	2018	Q1	Scopus, ISI Thomson
12	Jun, S., Kiliçman, A.	Journal Article	Jun, S., Kiliçman, A.	A new proof of extended Watson summation theorem	Applied Mathematics and Information Sciences	2018	Q1	Scopus, ISI Thomson
13	Hamdan, N., Kilicman, A.	Journal Article	Hamdan, N., Kilicman, A.	A fractional order SIR epidemic model for dengue transmission(Article)	Chaos, Solitons and Fractals	2018	Q1	Scopus, ISI Thomson
14	Natiq, H., Banerjee, S., He, S., Said, M.R.M., Kilicman, A.	Journal Article	Natiq, H., Banerjee, S., He, S., Said, M.R.M., Kilicman, A.	Designing an M-dimensional nonlinear model for producing hyperchaos(Article)	Chaos, Solitons and Fractals	2018	Q1	Scopus, ISI Thomson

15	Dutta, H., Kilicman, A. Esi, A.	Journal Article	Dutta, H., Kilicman, A. Esi, A.	Fuzzy p -Absolutely Summable Difference Sequences	New Mathematics and Natural Computation	2018	Q2	Scopus
16	Kiliçman, A., Silambarasan, R.	Journal Article	Kiliçman, A., Silambarasan, R.	Computing new solutions of algebro- geometric equation using the discrete inverse Sumudu transform	Advances in Difference Equations	2018	Q2	Scopus
17	Kiliçman, A., Reddy, P.V.M., Manuel, M.M.S.	Journal Article	Kiliçman, A., Reddy, P.V.M., Manuel, M.M.S.	Oscillation Criteria for a Class of Nonlinear Neutral Generalized α - Difference Equations	Applied Mathematics and Information Sciences	2018	Q1	Scopus
18	Zahedi Khameneh, A., Kiliçman, A.	Journal Article	Zahedi Khameneh, A., Kiliçman, A.	Multi-attribute decision-making based on soft set theory: a systematic review	Soft Computing	2018	Q2	Scopus
19	Yahaya, R.I., Arifin, N.M., Isa, S.S.P.M.	Journal Article	Yahaya, R.I., Arifin, N.M., Isa, S.S.P.M.	Stability analysis on magnetohydrodynamic flow of casson fluid over a shrinking sheet with homogeneous- heterogeneous reactions	Entropy	2018	Q2	Scopus, ISI Thomson
20	Sim, H.S., Leong, W.J., Chen, C.Y.	Journal Article	Sim, H.S., Leong, W.J., Chen, C.Y.	Gradient method with multiple damping for large-scale	Optimization Letters		Q2	Scopus, ISI Thomson

				unconstrained optimization				
21	Chakraborty, A., Mondal, S.P., Ahmadian, A., Senu, N. , Alam, S., Salahshour, S	Journal Article	Chakraborty, A., Mondal, S.P., Ahmadian, A., Senu, N. , Alam, S., Salahshour, S	Different forms of triangular neutrosophic numbers, de-neutrosophication techniques, and their applications	Symmetry		Q2	Scopus, ISI Thomson
22	Madi, N.K.M., Hanapi, Z.M., Othman, M. , Subramaniam, S.K.	Journal Article	Madi, N.K.M., Hanapi, Z.M., Othman, M. , Subramaniam, S.K.	Delay-based and QoS-aware packet scheduling for RT and NRT multimedia services in LTE downlink systems	Eurasip Journal on Wireless Communications and Networking	2018	Q2	Scopus
23	N. R. F. Elfakhakhre; N. M. A. Nik Long; Z. K. Eshkuvatov	Journal Article	N. R. F. Elfakhakhre; N. M. A. Nik Long; Z. K. Eshkuvatov	Numerical solutions for cracks in an elastic half plane	Acta Mechanica Sinica	2018	Q2	Scopus, ISI Thomson
24	Mahata, A, Mondal, S.P., Ahmadian, A., Ismail, F. , Alam, S., Salahshour, S.	Article	Mahata, A, Mondal, S.P., Ahmadian, A., Ismail, F. , Alam, S., Salahshour, S.	Different Solution Strategies for Solving Epidemic Model in Imprecise Environment	Complexity	2018	Q2	Scopus, ISI Thomson

25	Salahshour, S., Ahmadian, A. , Abbasbandy, S., Baleanu, D.	Journal Article	Salahshour, S., Ahmadian, A. , Abbasbandy, S., Baleanu, D.	M-fractional derivative under interval uncertainty: Theory, properties and applications	Chaos, Solitons & Fractals	2018	Q2	Scopus, ISI Thomson
26	Madi, N.K.M., Hanapi, Z. B.M., Othman, M. , Subramaniam, S.	Journal Article	Madi, N.K.M., Hanapi, Z. B.M., Othman, M. , Subramaniam, S.	Link Adaptive Power Control and Allocation for Energy-Efficient Downlink Transmissions in LTE Systems	IEEE Access	2018	Q1	Scopus, ISI Thomson
27	Zaheer, K., Othman, M. , Rehmani, M. H., Perumal, T.	Journal Article	Zaheer, K., Othman, M. , Rehmani, M. H., Perumal, T.	A Survey of Decision- Theoretic Models for Cognitive Internet of Things (CIoT)	IEEE Access	2018	Q1	Scopus, ISI Thomson
28	Yunus, Nur Arzilawati Md; Othman, Mohamed; Hanapi, Zurina Mohd; Lun, Kweh Yeah	Journal Article	Yunus, Nur Arzilawati Md; Othman, Mohamed; Hanapi, Zurina Mohd; Lun, Kweh Yeah	Number of Stage Implication Towards Multistage Interconnection Network Reliability	Advanced Science Letters	2018	Q2	Scopus, ISI Thomson

29	Zeyad Ghaleb Al-Mekhlafi, Zurina Mohd Hanapi, Mohamed Othman , Zuriati Ahmad Zukarnain, Ahmed M Shamsan Saleh	Journal Article	Zeyad Ghaleb Al-Mekhlafi, Zurina Mohd Hanapi, Mohamed Othman , Zuriati Ahmad Zukarnain, Ahmed M Shamsan Saleh	Random traveling wave pulse-coupled oscillator algorithm of energy-efficient wireless sensor networks	International Journal of Distributed Sensor Networks	2018	Q2	Scopus, ISI Thomson
30	Ziaur Rahman , Fazirulhisyam Hashim, Mohd Fadlee A. Rasid, Mohamed Othman	Journal Article	Ziaur Rahman , Fazirulhisyam Hashim, Mohd Fadlee A. Rasid, Mohamed Othman	Totally opportunistic routing algorithm (TORA) for underwater wireless sensor network	PLoS ONE	2018	Q1	Scopus, ISI Thomson
31	Oluwatosin Ahmed Amodu, Mohamed Othman	Journal Article	Oluwatosin Ahmed Amodu, Mohamed Othman	Machine-to-Machine Communication: An Overview of Opportunities	Computer Networks	2018	Q1	Scopus, ISI Thomson
32	Mohammed A. Al-Maqri, Mohamed A. Alrshah, Mohamed Othman	Journal Article	Mohammed A. Al-Maqri, Mohamed A. Alrshah, Mohamed Othman	Review on QoS provisioning approaches for supporting video traffic in IEEE802. 11e: challenges and issues	IEEE Access	2018	Q1	Scopus, ISI Thomson

33	Ali Ahmadian, Soheil Salahshourb, Chee Seng Chan, Dumitru Baleanu	Journal Article	Ali Ahmadian, Soheil Salahshourb, Chee Seng Chan, Dumitru Baleanu	Numerical solutions of fuzzy differential equations by an efficient Runge–Kutta method with generalized differentiability	Fuzzy Sets and Systems	2018	Q1	Scopus, ISI Thomson
34	Elfakhakhre, N.R.F., Nik Long, N.M.A., Eshkuvatov, Z.K.	Journal Article	Elfakhakhre, N.R.F., Nik Long, N.M.A., Eshkuvatov, Z.K.	Stress intensity factor for an elastic half plane weakened by multiple curved cracks	Applied Mathematical Modelling	2018	Q1	Scopus, ISI Thomson
35	Banerjee, S.	Journal Article	Banerjee, S.	Focus Point on Systems and Security: Advanced Methods with Chaos and Complexity	European Physical Journal Plus	2018	Q2	Scopus
36	Shaobo He, Santo Banerjee, and Bo Yan	Journal Article	Shaobo He, Santo Banerjee, and Bo Yan	Chaos and Symbol Complexity in a Conformable Fractional- Order Memcapacitor System	Complexity	2018	Q2	Scopus, ISI Thomson
37	Huda Althumali and Mohamed Othman	Journal Article	Huda Althumali and Mohamed Othman	A Survey of Random Access Control Techniques for Machine-to- Machine Communications in LTE/LTE-a Networks	IEEE Access	2018	Q1	Scopus, ISI Thomson

38	Azadeh Zahedi Khameneh and Adem Kiliçman	Journal Article	Azadeh Zahedi Khameneh and Adem Kiliçman	m-Polar Fuzzy Soft Weighted Aggregation Operators and Their Applications in Group Decision-Making	Symmetry	2018	Q2	Scopus, ISI Thomson
39	Adem Kilicman, Vadivel Sadhasivam and Muthusamy Deepa and Nagamanickam Nagajothi	Journal Article	Adem Kilicman, Vadivel Sadhasivam and Muthusamy Deepa and Nagamanickam Nagajothi	Oscillatory Behavior of Three Dimensional α -Fractional Delay Differential Systems	Symmetry -basel	2018	Q2	Scopus, ISI Thomson
40	Adem Kilicman and Rathinavel Silambarasan	Journal Article	Adem Kilicman and Rathinavel Silambarasan	Modified Kudryashov Method to Solve Generalized Kuramoto-Sivashinsky Equation	Symmetry -basel	2018	Q2	Scopus, ISI Thomson
41	Nur Syazana Anuar, Norfifah Bachok & Ioan Pop.	Journal Article	Nur Syazana Anuar, Norfifah Bachok & Ioan Pop.	A Stability Analysis of Solutions in Boundary Layer Flow and Heat Transfer of Carbon Nanotubes over a Moving Plate with Slip Effect.	Energies	2018	Q2	Scopus, ISI Thomson

42	Siti Nur Alwani Salleh, Norfifah Bachok, Norihan Md. Arifin, Fadzilah Md. Ali & Ioan Pop.	Journal Article	Siti Nur Alwani Salleh, Norfifah Bachok, Norihan Md. Arifin, Fadzilah Md. Ali & Ioan Pop.	Magnetohydrodynamics flow past a moving vertical thin needle in a nanofluid with stability analysis.	Energies	2018	Q2	Scopus, ISI Thomson
43	Nor Ashikin Abu Bakar, Norfifah Bachok, Norihan Md Ariffin, Ioan Pop	Journal Article	Nor Ashikin Abu Bakar, Norfifah Bachok, Norihan Md Ariffin, Ioan Pop	Stability analysis on the flow and heat transfer of nanofluid past a stretching/shrinking cylinder with suction effect	Results in Physics	2018	Q2	Scopus, ISI Thomson