

SECTION C: QUANTITY AND QUALITY OF RESEARCH

DATA PENCAPAIAN Q4

Section C1 : Publications

a. Total Number of Publications in SCOPUS/WOS/ERA

(i) Journals

(ii) Joint Publications :

b. Publication Impact

Section C1 (b)(ii) Number of articles published in Q1 and Q2 Journals

NO.	ARTICLE ID/NO.	STAFF ID	STAFF NAME	DOCUMENT TYPE	STAFF ID CO-AUTHOR	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	ISSN OR ISBN	Q1 OR Q2 ONLY (Blank if no data)	REMARKS	INDEXING	IMPACT FACTOR
1		A00743 A02285 A00943	D. Jikantoro, Y., Ismail, F., Senu, N., Ibrahim, Z.B.	Journal Article	A02285 A00743 A00943	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	320	1 March 2018	452	463	2018	0096-3003	Q1	CU-001	Scopus, ISI Thomson	1.738
2	Article number 6	A00869 A03467	Natiq, H., Al-Saidi, N.M.G., Said, M.R.M., Kilicman, A.	Journal Article	A00869 A03467	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	133	1			2018	2190-5444	Q2	CU-002	Scopus, ISI Thomson	1.753
3	Article number 42	A03134 A00743 A04124	Isa, S., Majid, Z.A., Ismail, F., Rabiei, F.	Journal Article	A03134 A04124	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	10	2			2018	2073-8994	Q2	CU-003	Scopus, ISI Thomson	1.457
7			Khameneh, A.Z., Kilicman, A.	Journal Article		Khameneh, A.Z., Kilicman, A.	Parameter Reduction of Fuzzy Soft Sets: An Adjustable Approach Based on the Three-Way Decision	International Journal of Fuzzy Systems	20	3	928	942	2018	1562-2479	Q2	CU-007	Scopus, ISI Thomson	2.198
13			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	501	1 July 2018	408	417	2018	0378-4371	Q1	CU-013	Scopus, ISI Thomson	2.243
14			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	490	15 January 2018	366	377	2018	0378-4371	Q1	CU-014	Scopus, ISI Thomson	2.243
15			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	41	2	985	1010	2018	0126-6705	Q2	CU-015	Scopus, ISI Thomson	0.72
16			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 Evaders with Integral Constraints	Dynamic Games and Applications	8	2	352	378	2018	2153-0785	Q2	CU-016	Scopus, ISI Thomson	1.647
23			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	106	15 September 2018	277	289	2018	0957-4174	Q1	CU-023	Scopus, ISI Thomson	3.928
24			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	16	1	358	369	2018	2391-5455	Q2	CU-024	Scopus	0.682
26			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	508	15 October 2018	131	140	2018	0378-4371	Q1	CU-026	Scopus, ISI Thomson	2.243
30			Jun, S., Kilicman, A.	Journal Article		Jun, S., Kilicman, A.	A new proof of extended Watson summation theorem	Applied Mathematics and Information Sciences	12	3	633	636	2018	1935-0090	Q1	CU-030	Scopus, ISI Thomson	1.232
35			Hamdan, N., Kilicman, A.	Journal Article		Hamdan, N., Kilicman, A.	A fractional order SIR epidemic model for dengue transmission(Article)	Chaos, Solitons and Fractals	114	Sep-18	55	62	2018	0960-0779	Q1	CU-035	Scopus, ISI Thomson	2.213

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36			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	114	Sep-18	506	515	2018	0960-0779	Q1	CU-036	Scopus, ISI Thomson	2.213
37			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	14	2	221	233	2018	1793-0057	Q2	CU-037	Scopus	
39			Kilicman, A., Silambarasan, R.	Journal Article		Kilicman, A., Silambarasan, R.	Computing new solutions of algebro-geometric equation using the discrete inverse Sumudu transform	Advances in Difference Equations	2018	1			2018	16871839	Q2	CU-039	Scopus	
40	Article number 323		Kilicman, A., Reddy, P.V.M., Manuel, M.M.S.	Journal Article		Kilicman, 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	12	4	807	813	2018	19350090	Q1	CU-040	Scopus	1.232
41			Zahedi Khameneh, A., Kilicman, A.	Journal Article		Zahedi Khameneh, A., Kilicman, A.	Multi-attribute decision-making based on soft set theory: a systematic review	Soft Computing	2018	Jun-18	1	22	2018	14327643	Q2	CU-041	Scopus	2.367
48	Article number 652		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 magneto-hydrodynamic flow of cation fluid over a shrinking sheet with homogeneous-heterogeneous reactions	Entropy	20	9			2018	10994300	Q2	CU-048	Scopus, ISI Thomson	2.305
49			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 unconstrained optimization	Optimization Letters		16 March 2018,	1	16		18624472	Q2	CU-049	Scopus, ISI Thomson	1.013
50	Article number 327		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	10	8			2018	20738994	Q2	CU-050	Scopus, ISI Thomson	1.256
61	Article number 180		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	1			2018	16871472	Q2	CU-061	Scopus	2.407
63			N. R. F. Elfakhkhre; N. M. A. Nik Long; Z. K. Eshkuvatov	Journal Article		N. R. F. Elfakhkhre; N. M. A. Nik Long; Z. K. Eshkuvatov	Numerical solutions for cracks in an elastic half plane	Acta Mechanica Sinica	2018	24-Jul-18			2018	0567-7718 1614-3116	Q2	CU-063	Scopus, ISI Thomson	1.545
66	Article number 4902142		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				2018	1076-2787	Q2	CU-066	Scopus, ISI Thomson	1.829
76			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	117	Dec-18	84	93	2018	0960-0779	Q2	CU-076	Scopus, ISI Thomson	2.213
79			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	6		18469	18483	2018	2169-3536	Q1	CU-079	Scopus, ISI Thomson	3.557
80			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	6		22489	22512	2018	2169-3536	Q1	CU-080	Scopus, ISI Thomson	3.557
81			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	24	2	1259	1262	2018	1259-1262	Q2	CU-081	Scopus, ISI Thomson	1.253

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83			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	14	4	1	14	2018	1550-1329	Q2	CU-083	Scopus, ISI Thomson	1.787
86			Ziaur Rahman, Fazrulhisyam Hashim, Mohd Fadlee A. Rasid, Mohamed Othman	Journal Article		Ziaur Rahman, Fazrulhisyam Hashim, Mohd Fadlee A. Rasid, Mohamed Othman	Totally opportunistic routing algorithm (TORA) for underwater wireless sensor network	PLoS ONE	13	6	e0197087		2018	1932-6203	Q1	CU-086	Scopus, ISI Thomson	2.766
89			Oluwatosin Ahmed Amodu, Mohamed Othman	Journal Article		Oluwatosin Ahmed Amodu, Mohamed Othman	Machine-to-Machine Communication: An Overview of Opportunities	Computer Networks	145	9	255	276	2018	1389-1286	Q1	CU-089	Scopus, ISI Thomson	2.522
90			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	6	2018	55202	55219	2018	2169-3536	Q1	CU-090	Scopus, ISI Thomson	3.557
91			Ali Ahmadian , Soheil Salahshour, Chee Seng Chan, Dumitru Baleanu	Journal Article		Ali Ahmadian , Soheil Salahshour, Chee Seng Chan, Dumitru Baleanu	Numerical solutions of fuzzy differential equations by an efficient Runge-Kutta method with generalized differentiability	Fuzzy Sets and Systems	331	Jan-18	47	67	2018	0165-0114	Q1	CU-091	Scopus, ISI Thomson	2.675
95			Elfakhhakre, N.R.F., Nik Long, N.M.A. , Eshkuvatov, Z.K.	Journal Article		Elfakhhakre, 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	60	Aug-18	540	551	2018	0307-904X	Q1	CU-095	Scopus, ISI Thomson	
98	Article number 319		Banerjee, S.	Journal Article		Banerjee, S.	Focus Point on Systems and Security: Advanced Methods with Chaos and Complexity	European Physical Journal Plus	133	8			2018	2190-5444	Q2	CU-098	Scopus	
99	Article ID 4140762		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		15 pages		2018	1099-0526	Q2	CU-099	Scopus, ISI Thomson	0.566
100	Article ID 2883440		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	6				2018	2169-3536	Q1	CU-100	Scopus, ISI Thomson	3.557
105			Azadeh Zahedi Khameneh and Adem Kilicman	Journal Article		Azadeh Zahedi Khameneh and Adem Kilicman	m-Polar Fuzzy Soft Weighted Aggregation Operators and Their Applications in Group Decision-Making	Symmetry	10	11	636		2018	2073-8994	Q2	CU-105	Scopus, ISI Thomson	
114			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	10	769		2018	2073-8994	Q2	CU-114	Scopus, ISI Thomson	1.256
116			Adem Kilicman and Rathinavel Silambarasan	Journal Article		Adem Kilicman and Rathinavel Silambarasan	Modified Kudryashov Method to Solve Generalized Kuramoto-Sivashinsky Equation	Symmetry -basel	2018	10	527		2018	2073-8994	Q2	CU-116	Scopus, ISI Thomson	
121			Nur Syazana Anuar, Noriffah Bachok & Ioan Pop.	Journal Article		Nur Syazana Anuar, Noriffah 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	11	12	3243		2018	1996-1073	Q2	CU-121	Scopus, ISI Thomson	2.676
122			Siti Nur Alwani Salleh, Noriffah Bachok , Norihan Md. Arifin , Fadzilah Md. Ali & Ioan Pop.	Journal Article		Siti Nur Alwani Salleh, Noriffah Bachok , Norihan Md. Arifin , Fadzilah Md. Ali & Ioan Pop.	Magneto-hydrodynamics flow past a moving vertical thin needle in a nanofluid with stability analysis.	Energies	11	12	3297		2018	1996-1073	Q2	CU-122	Scopus, ISI Thomson	2.676