

YEAR 2012

1. Publications

a. Total number of publications in citation-indexed journals including refereed proceedings

NO	AUTHORS	ARTICLE TITLE	JOURNAL TITLE	VOLUME	ISSUE	PAGES	IMPACT FACTOR	INDEXING	ISSN
1	Mohammed Yusuf Wazir, Wah June Leong and Malik Abu Hassan	Diagonal Broyden-Like Method for Large-Scale Systems of Nonlinear Equations	Malaysian Journal of Mathematical Sciences	6	1	59-73		Scopus	1823-8343
2	Abasalt Bodaghi and Idham Arif Alias	Approximate Ternary Quadratic Derivations on Teritary Banach Algebras and C*-Ternary Rings	Advances in Difference Equations	11	2012		0.891	ISI Thomson	1687-1839
3	Provash Kumar Karmokar and Mahendran Shitan	Trend Models for Analyzing Sustainable Production of Rice In Bangladesh	Scientific Research and Essays	7	6	669-678		ISI Thomson, Scopus	1992-2248
4	Provash Kumar Karmokar and Mahendran Shitan	Investigating impact of outliers in both independent and dependent variables on agricultural production data	Journal of Food Agriculture & Environment	10	1	573-577	0.517	ISI Thomson, Scopus	1459-0255
5	Norifah Bachok, Anuar Ishak and Ioan Pop	Unsteady Boundary-layer Flow and Heat Transfer of a Nanofluid Over a Permeable Stretching/Shrinking Sheet	International Journal Of Heat And Mass Transfer	55	2012	2102-2109	1.899	ISI Thomson	0017-9310
6	Norifah Bachok, Anuar Ishak and Ioan Pop	Boundary Layer Flow Over a Moving Surface In a Nanofluid with Suction or Injection	Acta Mechanica Sinica	28	1	34-40	0.749	ISI Thomson	0567-7718
7	Maulidiani H, Alfi Khatib, Khozirah Shaari, Faridah Abas, Mahendran Shitan, Ralf Kneer, Victor Neto, Nordin Lajis	Discrimination of three pegaga (Centella) varieties and determination of growth-lighting effects on metabolites content based on the chemistry of ¹ H nuclear magnetic resonance spectroscopy	Journal Of Agricultural And Food Chemistry	60	2012	410-417	2.816	ISI Thomson	0021-8561
8	S. P. Toh, Hishamuddin Zainuddin and Kim Eng Foo	Randomly Generating Four Mixed Bell-Diagonal States With A Concurrences Sum To Unity	Chinese Physics Letters	29	1	Article number 010305	1.078	ISI Thomson, Scopus	0256-307X
9	Mansor Monsi	The Point Symmetric Single-Step Procedure for the Simultaneous Approximation of Polynomial Zeros	Malaysian Journal of Mathematical Sciences	6	1	29-46		Scopus	1823-8343
10	Thulasayammal R. Pillai, Mahendran Shitan & Shelton Peiris	Some properties of the generalized autoregressive moving average (GARMA (1, 1; 1, 6 2)) model	Communications In Statistics-Theory And Methods	41	4	699-716	0.351	ISI Thomson	0361-0926
11	Norifah Bachok, Anuar Ishak and Ioan Pop	Flow and Heat Transfer Characteristics on a Moving Plate in a Nanofluid	International Journal Of Heat And Mass Transfer	55	2012	642-648	1.899	ISI Thomson, Scopus	0017-9310
12	Abdul Majid, Z. Mokhtar, N.Z. Suleiman, M.	Direct two-point block one-step method for solving general second order ordinary differential equations	Mathematical Problems in Engineering	2012	2012	Article number 184253	0.777	ISI Thomson, Scopus	1024-123X
13	Waleeh, N., Z.A. Majid, F. Ismail and M. Suleiman	Numerical Solution of Higher Order Ordinary Differential Equations by Direct Block Code	Journal of Mathematics and Statistics	8	1	77-81		Scopus	1549-3644
14	Abdumalik Rakhlmov and Anvarjon Ahmedov	On the Fundamental Solution of the Cauchy Problem for Time Fractional Diffusion Equation on the Sphere	Malaysian Journal of Mathematical Sciences	6	1	105-112		Scopus	1823-8343
15	Abdumalik A. Rakhlmov	On the Approximation of the Spectral Expansions of Distributions in the Weak Topology	Australian Journal of Basic and Applied Sciences	6	2	20-24		Scopus	1991-8178
16	Al-Surmi, I., Othman, M., Mohd Ali, B.	Mobility management for IP-based next generation mobile networks: Review, challenge and perspective	Journal of Network and Computer Applications	35	1	295-315	1.065	ISI Thomson, Scopus	1084-8045

17	Mohamed Faris Laham, Ishirinayag S. Krishnarajah & Jamilah Mohd Shariff	Fish Harvesting Management Strategies Using Logistic Growth Model	Sains Malaysiana	41	2	171-177	0.268	ISI Thomson, Scopus	0126-6039
18	Nor Aini Azeany Mohd Nasir, Zarina Bibi Ibrahim, Khairil Iskandar Othman & Mohamed Sufelman	Numerical Solution of First Order Stiff Ordinary Differential Equations using Fifth Order Block Backward Differentiation Formulas	Sains Malaysiana	41	4	489-492	0.268	ISI Thomson, Scopus	0126-6039
19	Kaveh Kiani, Jayanthi Arasan & Habshah MdI	Interval Estimations for Parameters of Gompertz Model with Time-Dependent Covariate and Right Censored Data	Sains Malaysiana	41	4	471-480	0.268	ISI Thomson, Scopus	0126-6039
20	F. Samat, F. Ismail & M. Suleiman	High Order Explicit Hybrid Methods for Solving Second-Order Ordinary Differential Equations	Sains Malaysiana	41	2	253-260	0.268	ISI Thomson, Scopus	0126-6039
21	Yap, C.N., L.S. Lee, Z.A. Majid and H.V. Seow	Ant Colony Optimization for Container Loading Problem	Journal of Mathematics and Statistics	8	2	165-171		Scopus	1549-3644
22	Lim Hock Ann, Habshah MdI	Robust Autocorrelation Testing in Multiple Linear Regression	International Journal Of Mathematics And Computers In Simulation	6	1	119-126		Scopus	1998-0159
23	A. F. Ahmad, Z. Abbas, M. A. Jusoh, Z. A. Talib, S.Obalys	Analysis And Optimal Design Of A Microstrip Sensors For Moisture Content In Rubber Latex Measurement	Advanced Studies In Theoretical Physics	6	1-4	49-62		Scopus	1313-1311
24	Sohel Rana, Habshah MdI and A. H. M. R. Imon	Robust wild bootstrap for stabilizing the variance of parameter estimates in heteroscedastic regression models in the presence of outliers	Mathematical Problems In Engineering	2012	Article ID 730328	14 pages	0.777	ISI Thomson, Scopus	1024-123X
25	Abasalt Bodaghi, Idham Arif Alias and Mohamad Hossein Ghahramani	Ulam's Stability of a Functional Equation	Abstract and Applied Analysis	2012	Article ID 232630	9 pages	1.442	ISI Thomson	1085-3375
26	Provash Kumar Karmokar and Mahendran Shitan	Computation Of Extreme-Value Parameters And Inference By Approximation Covariance Technique	Pakistan Journal Of Statistics	28	2	259-269	0.156	ISI Thomson	1012-9367
27	Mahendran Shitan, Lal Choo Heng & A. R. Padmanabhan	A new adaptive test for paired data for small to moderate sample sizes	Journal of Statistical Computation and Simulation	82	6	907-914	0.469	ISI Thomson	0094-9655
28	Rakhimov, A. , Ahmedov, A. , Zainuddin, H.	On the spectral expansions of distributions connected with Schrödinger operators	Applied Mathematics Letters	25	6	921-924	1.155	ISI Thomson, Scopus	0893-9659
29	Soleimani, H. , Abbas, Z. , Yahya, N. , Soleimani, H. , Ghotbi, M.Y.	Determination of complex permittivity and permeability of lanthanum iron garnet filled PVDF-polymer composite using rectangular waveguide and Nicholson-Ross-Weir (NRW) method at X-band frequencies	Measurement: Journal of the International Measurement Confederation	45	6	1621-1625	0.853	ISI Thomson, Scopus	0263-2241
30	Siraj-Ud-Doula, M., Rana, S. , MdI, H., Rahmatullah Imon, A.H.M.	New robust tests for the detection of arch effect	Economic Computation and Economic Cybernetics Studies and Research	1	2012		0.247	ISI Thomson, Scopus	0424-267X
31	Rakhimov, I.S. , Dey, K.K. , Paul, A.C.	Tri-additive maps and permuting tri-derivations of Γ -rings	JP Journal of Algebra, Number Theory and Applications	25	1	29-44		Scopus	0972-5555
32	Abas, A., Halim, S.A. , Talib, Z.A., Wahab, Z.A.	A simple automated system for hall effect measurements	Sains Malaysiana	41	5	611-615	0.268	ISI Thomson, Scopus	0126-6039
33	Majid, Z.A. , Azmi, N.A., Suleiman, M., Ibrahim, Z.B.	Solving directly general third order ordinary differential equations using two-point four step block method	Sains Malaysiana	41	5	623-632	0.268	ISI Thomson, Scopus	0126-6039

34	Nazif, H. , Lee, L.S.	Optimised crossover genetic algorithm for capacitated vehicle routing problem	Applied Mathematical Modelling	36	5	2110-2117	1.371	ISI Thomson, Scopus	0307-904X
35	Waziri, M.Y. , Leong, W.J. , Mamat, M.	A two-step matrix-free secant method for solving large-scale systems of nonlinear equations	Journal of Applied Mathematics	2012	2012	Article number 348654	0.63	ISI Thomson, Scopus	1110-757X
36	Ibragimov, G.I. , Salimi, M. , Aminli, M.	Evasion from many pursuers in simple motion differential game with integral constraints	European Journal of Operational Research	218	2	505-511	2.159	ISI Thomson, Scopus	0377-2217
37	Dey, K.K. , Paul, A.C. , Rakhlomov, I.S.	Generalized derivations in semiprime gamma rings	International Journal of Mathematics and Mathematical Sciences	2012	2012	Article number 270132		Scopus	0161-1712
38	Ahmad, A.F. , Abbas, Z. , Obaly, S.J. , Jusoh, M.A. , Tallib, Z.A.	Analysis and optimal design of a microstrip sensor for moisture content in rubber latex measurement	Advanced Studies in Theoretical Physics	6	1-6	49-62		Scopus	1313-1311
39	Kılıçman, A. , Eltayeb, H.	Note on partial differential equations with non-constant coefficients and convolution method	Applied Mathematics and Information Sciences	6	1	59-63	0.642	ISI Thomson, Scopus	1935-0090
40	Roslan, H. , Ameen, A.S. , Peng, Y.H. , Zhao, H.X.	Chromaticity of complete 6-partite graphs with certain star or matching deleted	Bulletin of the Malaysian Mathematical Sciences Society	35	1	15-24	0.696	ISI Thomson, Scopus	0126-6705
41	S. Mehrkanon, Z.A. Majid, M. Suleiman, K.I. Othman and Z.B. Ibrahim	3-Point Implicit Block Multistep Method for the Solution of First Order ODES	Bulletin of the Malaysian Mathematical Sciences Society	35	2A	547-555	0.696	ISI Thomson, Scopus	0126-6705
42	Mohd Kamairulzaman Md Akhir, Mohamed Othman, Zanarlah Abdul Majid, Mohamed Suleiman, Jumat Sulaiman	Four Point Explicit Decoupled Group Iterative Method Applied to Two-Dimensional Helmholtz Equation	International Journal Of Mathematical Analysis	6	20	963 - 974		Scopus	1312-8876
43	M.K.M Akhir, M. Othman, J. Sulaiman, Z.A Majid, M. Suleiman	Half-Sweep Iterative Method for Solving Two-Dimensional Helmholtz Equations	International Journal of Applied Mathematics and Statistics	29	5			Scopus	0973-1377
44	Chaharborj, S.S., Sadat Kiai, S.M., Abu Bakar, M.R., Ziaelai, I., Fudziah, I.	A new impulsive potential for a Paul Ion trap	International Journal of Mass Spectrometry	309	1	63-69	2.549	ISI Thomson, Scopus	1387-3806
45	Zanarlah Abdul Majid, Pei See Phang, and Mohamed Suleiman	Application of Block Method for Solving Nonlinear Two Point Boundary Value Problem	Advanced Science Letters	13	2012	754-757		Scopus	1936-6612
46	Mohd Hafizi Mat Yasin, Norlilan Md Arifin, Roslinda Nazar, Fudziah Ismail, and Ioan Pop	Mixed Convection Boundary Layer with Internal Heat Generation In a Porous Medium Filled with a Nanofluid	Advanced Science Letters	13	2012	836-840		Scopus	1936-6612
47	Sedighi Chaharborj S, Phang PS, Sadat Kiai SM, Majid ZA, Abu Bakar MR, Fudziah I.	Study of a quadrupole ion trap with damping force by the two-point one block method	Rapid Communications In Mass Spectrometry	2012	26	1481-1487	2.846	ISI Thomson, Scopus	0951-4198
48	M. A. Mohamed, K. A. Mohd Atan	Rule Based Representation of Integer for a New Addition Chain Method	Applied Mathematical Sciences	6	30	1497 - 1503		Scopus	1312-885X
49	Isamiddin S. Rakhlomov and Kamel A. Mohd. Atan	On Contractions and Invariants of Leibniz Algebras	Bulletin of the Malaysian Mathematical Sciences Society	35	2A	557-565	0.696	ISI Thomson, Scopus	0126-6705
50	Md. Anowar Hossain, Rohani Ahmad Tarmizi	Gender-Related Effects of Group Learning on Mathematics Achievement among the Rural Secondary Students	Eurasian Journal of Educational Research	Spring 2012	47	1-22	0.218	ISI Thomson, Scopus	1302-597X
51	Alireza Ghodsi, Mahendran Shitan, and Hassan S.Bakouch	A First-Order Spatial Integer-Valued Autoregressive SINAR(1,1) Model	Communications In Statistics-Theory And Methods	41	2012	2773-2787	0.351	ISI Thomson	0361-0926
52	Mogaibel, H.A. , Othman, M. , Subramaniam, S., Asllah Watfi Abdul Hamid, N.	On-demand channel reservation scheme for common traffic In wireless mesh networks	Journal of Network and Computer Applications	35	4	1329-1351	1.065	ISI Thomson, Scopus	1084-8045

53	Abazari, R., Kilicman, A.	Solution of second-order IVP and BVP of matrix differential models using matrix DTM	Abstract and Applied Analysis	2012	2012	Article number 738346	1.318	ISI Thomson, Scopus	1085-3375
54	Hamid, R.A., Wan Zalmi, W.M.K.A., Arifin, N.M., Bakar, N.A.A., Bidin, B.	Thermal diffusion and diffusion thermo effects on MHD thermosolutal Marangoni convection boundary layer flow over a permeable surface	Journal of Applied Mathematics	2012	2012	Article number 750939	0.656	ISI Thomson, Scopus	1110-757X
55	Kadem, A., Kilicman, A.	The approximate solution of fractional fredholm Integrodifferential equations by variational Iteration and homotopy perturbation methods	Abstract and Applied Analysis	2012	2012	Article number 486193	1.318	ISI Thomson, Scopus	1085-3375
56	M.K.M Akhir, M. Othman, M. Suleiman, J. Sulaiman	A New Octo-Sweep Iterative Method for Solving Two-Dimensional Elliptic Equations	International Journal of Applied Mathematics	30	6	60-71		Scopus	1311-1728
57	Sardar, E.H., Kadir, R.A., Tarmizi, R.B.A., Abdullah, M.C.B.	Relationship between mother's attitudes, maternal treatment styles and communication competence with deaf children's	Asian Social Science	8	12	67-74		Scopus	1911-2025
58	Sahar Bayat, Rohani Ahmad Tarmizi	Effects of Problem-based Learning Approach on Cognitive Variables of University Students	Procedia - Social and Behavioral Sciences	46	2012	3149-3151		Scopus	1877-0428
59	Rakhimov, I.S., Rikhsiboev, I.M., Khudoyberdiyev, A.K., Karimjanov, I.A.	Description of some classes of Leibniz algebras	Linear Algebra and Its Applications	437	9	2209-2227	0.974	Scopus, ISI Thomson	0024-3795
60	Isamiddin S. Rakhimov, Kalyan Kumar Dey, Akhil Chandra Paul and Kamal A. Mohd, Atan	Permuting Tri- -Derivations In Prime Gamma-Near-Rings	JP Journal of Algebra, Number Theory and Applications	26	1	11 - 31		Scopus	0972-5555
61	Soleimani, H., Abbas, Z., Yahya, N., Soleimani, H., Ghotbi, M.Y.	Microwave characterization of lanthanum iron garnet-filled PVDF-polymer composite using rectangular waveguides at X-band frequency	Journal of Composite Materials	46	12	1497-1501	1.068	ISI Thomson, Scopus	0021-9983
62	Chahrborj, S.S., Sadat Kiat, S.M., Abu Bakar, M.R., Ziaelan, I., Ghelsari, Y.	Homotopy analysis method to study a quadrupole mass filter	Journal of Mass Spectrometry	47	4	484-489	3.268	ISI Thomson, Scopus	1076-5174
63	You, K.Y., Saleh, J., Abd Malek, M.F., Abbas, Z., Ee Meng, C., Kim Yee, L.	Modeling of coaxial slot waveguides using analytical and numerical approaches: Revisited	International Journal of Antennas and Propagation	2012	2012	Article number 701532	0.468	ISI Thomson, Scopus	1687-5869
64	Jalali Varnamkhasti, M., Lee, I.S.	A fuzzy genetic algorithm based on binary encoding for solving multidimensional knapsack problems	Journal of Applied Mathematics	2012	2012	Article number 703601	0.656	ISI Thomson, Scopus	1110-757X
65	Yeow, Y.K., Abbas, Z.	Fringing field correction of admittance model for open-ended coaxial sensor	IEEE Sensors Journal	12	5	1458-1469	1.52	ISI Thomson, Scopus	1590-497X
66	Tan, W.F., Lee, I.S., Majid, Z.A., Seow, H.V.	Ant colony optimization for capacitated vehicle routing problem	Journal of Computer Science	8	6	846-852		Scopus	1549-3636
67	Jalali Varnamkhasti, M., Lee, I.S., Abu Bakar, M.R., Leong, W.I.	A genetic algorithm with fuzzy crossover operator and probability	Advances in Operations Research	2012	2012	Article number 956498		Scopus	1687-9147
68	Barjini, H., Othman, M., Ibrahim, H., Udzir, N.I.	Shortcoming, problems and analytical comparison for flooding-based search techniques in unstructured P2P networks	Peer-to-Peer Networking and Applications	5	1	1-13	0.229	ISI Thomson, Scopus	1936-6442
69	Rabiei, F., Ismail, F.	Fifth-order Improved Runge-Kutta method with reduced number of function evaluations	Australian Journal of Basic and Applied Sciences	6	3	97-105		Scopus	1991-8178
70	Saeid Molladavoudi, Hishamuddin Zainuddin, Chan Kar Tim	Jensen-Shannon Divergence and Non-linear Quantum Dynamics	Physics Letters A	376	2012	1955-1961	1.632	ISI Thomson	0375-9601
71	Amirhashchi, H., Zainuddin, H., Pradhan, A.	Bianchi type-III cosmological model with variable G and Λ -term In general relativity	Romanian Journal in Physics	57	(3-4)	748-760	0.414	ISI Thomson, Scopus	1221-146X

72	Anwar Saif, Mohamed Othman, Shamala K. Subramaniam, Nor Asila Wati Abdul Hamid	An Optimized A-MSDU Frame Aggregation with Subframe Retransmission In IEEE 802.11n Wireless Networks	Procedia Computer Science	9	2012	812-821		Scopus	1877-0509
73	Banerjee, S., Mukhopadhyay, S., Rondoni, L.	Multi-image encryption based on synchronization of chaotic lasers and Iris authentication	Optics and Lasers in Engineering	50	7	950-957	1.838	ISI Thomson, Scopus	0143-8166
74	S Jeeva Sathy Theesar, Santo Banerjee and P Balasubramaniam	Adaptive synchronization in noise perturbed chaotic systems	Physica Scripta	85	6	Article number 065010	1.204	ISI Thomson	0031-8949
75	Banerjee, M., Banerjee, S.	Turing instabilities and spatio-temporal chaos in ratio-dependent Holling-Tanner model	Mathematical Biosciences	236	1	64-76	1.54	ISI Thomson, Scopus	0025-5564
76	Lam Shi Xiang, Hishamuddin Zainuddin, Mahendran Siltan, Isthirinayag Krishnarajah	The Market Effect on Malaysian Stock Correlation Network	Applied Mathematical Sciences	6	104	5161 - 5178		Scopus	1312-885X
77	Seo Yoon Yang, Abasalt Bodaghli, and Kamel Ariffin Mohd Atan	Approximate Cubic *-Derivations on Banach *-Algebras	Abstract and Applied Analysis	2012	Article ID 684179	12 pages	1.318	ISI Thomson	1085-3375
78	Adem Kilicman, Hasan Eltayeb and Mat Rofa Ismail	A Note on Integral Transforms and differential Equations	Malaysian Journal of Mathematical Sciences	6 (S)	August 2012	1-18		Scopus	1823-8343
79	Seyedeh Azadeh Safavi, Kamariah Abu Bakar, Rohani Ahmad Tarmizi, Nor Hayati Alwi	What do Higher Education Instructors Consider Useful Regarding Student Ratings of Instruction? Limitations and Recommendations	Procedia - Social and Behavioral Sciences	31	2012	653-657		Scopus	1877-0428
80	M. Y. Waziri and Z. A. Majid	A New Approach for Solving Dual Fuzzy Nonlinear Equations Using Broyden's and Newton's Methods	Advances in Fuzzy Systems	2012	Article ID 682087	5 pages		Scopus	1687-7101
81	M. Y. Waziri, Z. A. Majid and H. Aisha	An Implicit Multi-Step Diagonal Secant-type method for Solving Large-Scale Systems of Nonlinear Equations	Applied Mathematical Sciences	6	114	5667-5676		Scopus	1312-885X
82	Mahdi Ebrahemzadeh, Noor Akma Ibrahim, Abd. Aziz Jemain and Adem Kilicman	Unbiased Estimation of Structural Parameters in Credibility Models with Dependence Induced by Common Effects	Bulletin of Malaysian Mathematical Science Society	35	4	829-844	0.779	ISI Thomson	0126-6705
83	Md. Mamudur Rahman, Rifki Muhiba, Md. Sazzad Hossein Chowdhury, Henry Setiyanto, Hishamuddin Zainuddin, Azmi Bin Zakaria, and Hideaki Kasai	Theoretical Investigation of a Benzene–Vanadium Multiple-Decked Sandwich Chain on a Gold Surface	Journal of Computational and Theoretical Nanoscience	9	2012	1063-1066	0.912	ISI Thomson	1546-1955
84	Rifki Muhiba, Md. Mamudur Rahman, Md. Sazzad Hossein Chowdhury, Henry Setiyanto, Hishamuddin Zainuddin, Azmi Bin Zakaria, and Hideaki Kasai	Theoretical Study of Atomic Level Understanding of the Reactive Ion Etching (RIE)	Journal of Computational and Theoretical Nanoscience	9	2012	1067-1069	0.912	ISI Thomson	1546-1955
85	Chris Bambeey Guure, Noor Akma Ibrahim, and Al Omanzi Mohammed Ahmed	Bayesian Estimation of Two-Parameter Weibull Distribution Using Extension of Jeffreys' Prior Information with Three Loss Functions	Mathematical Problems in Engineering	2012	Article ID 589640	13 pages	0.777	ISI Thomson	1024-123X
86	Al Omanzi Mohammed Ahmed and Noor Akma Ibrahim	Bayesian Survival and Hazard Estimate for Weibull Censored Time Distribution	Journal of Applied Sciences	12	12	1313-1317		Scopus	1312-885X
87	S. Seddighi Chaharborj, Z.A. Majid, I. Fudziah	Study of fractional resolution in the cylindrical ion trap with a periodic impulsive potential form	International Journal of Pure and Applied Mathematics	78	6	805-813		Scopus	1311-8080
88	Chew Khul Tat, Zanariah Abdul Majid, Mohamed Suleiman	Solving Linear Two-Point Boundary Value Problems by Direct Adams-Moulton Method	Applied Mathematical Sciences	6	99	4921-4929		Scopus	1312-885X

89	Lam Shih Xiang, Hishamuddin Zainuddin, Mahendran Sthian, Isthrlnayag Krishnarajah	Malaysian Stock Correlation Networks: Bull Market and Bear Market Behaviors	International Journal of Pure and Applied Mathematics	78	5	735-750		Scopus	1311-8080
90	Norffiah Bachok, Anuar Ishak, Roslinda Nazar, Ioan Pop	Ingham Problem for Free Convection Near a Continuously Moving Vertical Permeable Plate	IMA Journal of Applied Mathematics	77	2012	578-589	0.776	ISI Thomson	0272-4960
91	Ahmad, A.F., Abbas, Z., Obaly, S.J., Jusoh, M.A., Talib, Z.A.	Analysis and optimal design of a microstrip sensor for moisture content in rubber latex measurement	Advanced Studies in Theoretical Physics	6	1-4	49-62		Scopus	1313-1311
92	Arliflin, M.R.K., Al-Saidi, N.M.G., Said, M.R.M., Mahad, Z., Daud, M.A.	A new direction in utilization of chaotic fractal functions for cryptosystems	Understanding Complex Systems	2012		233-248		Scopus	1860-0832
93	Rivale, M., Mamat, M., June, I.W., Mohd, I.	A new conjugate gradient coefficient for large scale nonlinear unconstrained optimization	International Journal of Mathematical Analysis	6	21-24	1131-1146		Scopus	1312-8876
94	Bachok, N., Ishak, A., Pop, I.	Boundary layer flow and heat transfer with variable fluid properties on a moving flat plate in a parallel free stream	Journal of Applied Mathematics	2012	2012	art. no. 372623	0.656	Scopus, ISI Thomson	1110-757X
95	Ja'afaru, A.B., Ibragimov, G.	On some pursuit and evasion differential game problems for an infinite number of first-order differential equations	Journal of Applied Mathematics	2012	2012	Article number 717124	0.656	Scopus, ISI Thomson	1110-757X
96	You, K.Y., Salleh, J., Abbas, Z.	Effects of length and diameter of open-ended coaxial sensor on its reflection coefficient	Radioengineering	21	1	496-503	0.739	Scopus, ISI Thomson	1210-2512
97	Shokrpour, A., Othman, M., Ibrahim, H., Subramaniam, S.	New method for scheduling heterogeneous multi-installment systems	Future Generation Computer Systems	28	8	1205-1216	1.978	Scopus, ISI Thomson	0167-739X
98	Ebrahilmzadeh, M., Ibrahim, N.A., Jemain, A.A., Killmam, A.	Unbiased estimation of structural parameters in credibility models with dependence induced by common effects	Bulletin of the Malaysian Mathematical Sciences Society	35	4	829-844	0.779	Scopus, ISI Thomson	0126-6705
99	Ismail, F., Samat, F., Norlhan Md, A., Zanariah Abd, M.	Parallel implementation of block explicit hybrid method for solving second order ordinary differential equations	Advanced Science Letters	15	1	90-94		Scopus	1936-6612
100	Musa, H., Suleiman, M.B., Seru, N.	Fully Implicit 3-point block extended backward differentiation formula for stiff initial value problems	Applied Mathematical Sciences	6	85-88	4211-4228		Scopus	1312-885X
101	Rahman, M.M., Muhida, R., Chowdhury, M.S.H., Setyanto, H., Zainuddin, H., Zakaria, A.B., Kasai, H.	Theoretical investigation of a benzene-vanadium multiple-decked sandwich chain on a gold surface	Journal of Computational and Theoretical Nanoscience	9	8	1063-1066	0.912	Scopus, ISI Thomson	1546-1955
102	Leong, W.J., Farid, M., Hassan, M.A.	Scaling on diagonal Quasi-Newton update for large-scale unconstrained optimization	Bulletin of the Malaysian Mathematical Sciences Society	35	2	247-256	0.779	Scopus, ISI Thomson	0126-6705
103	Md Akhir, M.K., Othman, M., Suleiman, M., Sulaiman, J.	A new Octo modified explicit group iterative method for the solution of 2D elliptic PDEs	Applied Mathematical Sciences	6	29-32	1505-1524		Scopus	1312-885X
104	Dey, K.K., Paul, A.C., Rakhlmov, I.S.	On prime-gamma-near-rings with generalized derivations	International Journal of Mathematics and Mathematical Sciences 2012			art. no. 625968		Scopus	0161-1712
105	Suali, M., Nik Long, N.M.A., Ariflin, N.M.	Unsteady stagnation point flow and heat transfer over a stretching/shrinking sheet with suction or injection	Journal of Applied Mathematics 2012			art. no. 781845	0.656	Scopus, ISI Thomson	1110-757X
106	Ibragimov, G.I., Khakestari, M., Kuchkarov, A.S.	Solution of a linear pursuit-evasion differential game with closed and convex terminal set	ITB Journal of Science	44 A	1	1-12		Scopus	1978-3043
107	Rana, S., Siraj-Ud-Doula, M., Mdli, H., Imon, A.H.M.R.	Decile mean: A new robust measure of central tendency	Chiang Mai Journal of Science	39	3	478-485	0.473	Scopus, ISI Thomson	0125-2526

108	Ibrahim, Z.B., Othman, K.I., Suleiman, M.	2-point block predictor-corrector of backward differentiation formulas for solving second order ordinary differential equations directly	Chiang Mai Journal of Science	39	3	502-510	0.473	Scopus, ISI Thomson	0125-2526
109	Hend M. Bouseliana and Adem Kilicman	On Collectionwise Hausdorff Bitopological Spaces	Malaysian Journal of Mathematical Sciences	6	2	137-145		Scopus	1823-8343
110	Mohamat Aidiil Mohamet Johari, Kamel Ariffin Mohd Atan and Siti Hasana Sapar	Relation Between Square and Centered Pentagonal Numbers	Malaysian Journal of Mathematical Sciences	6	2	165-175		Scopus	1823-8343
111	Yousof Ghelsari, Abd Ghafur Bin Ahmad, S. Sedigh Chaharborj, Siti Hasana Sapar and Kamel Ariffin Mohd Atan	Spanning Trees of 2-Complexes from Diagram Groups over the Construction of Semigroup Presentation of integers using Lifting Method	Malaysian Journal of Mathematical Sciences	6	2	213-223		Scopus	1823-8343
112	Rabha W. Ibrahim and Adem Kilicman	A note on the class of functions with bounded turning	Abstract and Applied Analysis	2012	2012	art. no. 820696	1.318	Scopus, ISI Thomson	1085-3375
113	M MS Manuel, Adem Kilicman, G BA Xavier, R Pugalarasu and DS Dilip	On the solutions of second order generalized difference equations	Advances in Difference Equations	2012	2012	105	0.845	ISI Thomson	1687-1847
114	Adem Kilicman, Ormer Altun	On the Solutions of Some Boundary Value Problems by Using differential Transformation Method with Convolution Terms	Filomat	26	5	917-928	0.421	ISI Thomson	0354-5180
115	Z. K. Eshkuvatov, M. Abdulkawi, and N. M. A. Nik Long	Numerical solution of FIE of the second kind with Cauchy kernel	AIP Conference Proceedings	1450		230-233		Scopus	1551-7616
116	Suzan J. Obaiys, Z. K. Eshkuvatov, and N. M. A. Nik Long	A Chebyshev polynomial based quadrature for hypersingular Integrals	AIP Conference Proceedings	1450		139-141		Scopus	1551-7616
117	N. Ali, M. B. Adam, N. A. Ibrahim, and I. Daud	Tree-based threshold model for non-stationary extremes	AIP Conference Proceedings	1450		159-164		Scopus	1551-7616
118	Nor Azian Aini Mat, Norlhan Md. Arifin, Roslinda Mohd. Nazar, and Fudziah Ismail	Similarity solutions for the flow and heat transfer over a nonlinear stretching/shrinking sheet in a nanofluid	AIP Conference Proceedings	1450		165-172		Scopus	1551-7616
119	Ahmad Fauzi Mohd Ayub, Kamarlah Abu Bakar, and Rohayati Ismail	Relationships between school support, school facilities, ICT culture and mathematics teachers' attitudes towards ICT in teaching and learning	AIP Conference Proceedings	1450		196-200		Scopus	1551-7616
120	H. Musa, M. B. Suleiman, and F. Ismail	A-stable 2-point block extended backward differentiation formula for solving stiff ordinary differential equations	AIP Conference Proceedings	1450		254-258		Scopus	1551-7616
121	M. A. M. Johari, K. A. M. Atan, and S. H. Sapar	A general relation between sums of cubes and triangular pyramidal numbers	AIP Conference Proceedings	1450		275-279		Scopus	1551-7616
122	F. Deraman, I. S. Rakhlomov, and S. K. Said Husain	Isomorphism classes and invariants for a subclass of nine-dimensional filiform Leibniz algebras	AIP Conference Proceedings	1450		326-331		Scopus	1551-7616

123	Ikrom M. Rikhsboev and Isamiddin S. Rakhamov	Classification of three dimensional complex Leibniz algebras	AIP Conference Proceedings	1450		358-362		Scopus	1551-7616
124	Norsida Hasan, Mohd Bakri Adam, Norwati Mustapha, and Mohd Rizam Abu Bakar	Sensitivity of missing values in classification tree for large sample	AIP Conference Proceedings	1450		374-379		Scopus	1551-7616
125	Kaveh Kiani & Jayanthi Arasan	Gompertz model with time-dependent covariate in the presence of interval-, right- and left-censored data	Journal of Statistical Computation and Simulation	1First	2012	1-19	0.497	ISI Thomson	0094-9655
126	Banerjee, S., Banerjee, M.	Noise induced oscillations in time delayed semiconductor laser system	Optics Communications	285	9	2402-2409	1,486	Scopus, ISI Thomson	0030-4018
127	Dey, K.K., Paul, A.C., Rakhamov, I.S.	On commutativity in gamma-near-rings with symmetric bi- (σ, τ) -derivations	Far East Journal of Mathematical Sciences	65	2	211-225		Scopus	0972-0871
128	Isamiddin S. Rakhamov, Kalyan Kumar Dey, Akhil Chandra Paul and Kamel A. Mhd. Atan	Permuting Tri- (σ, τ) -Derivations In Prime Gamma-Near-Rings	JP Journal of Algebra, Number Theory and Applications	26	1	11 - 31		Scopus	0972-5555
129	S. Jeeva Sathyia Theesar, P. Balasubramaniam, and Santo Banerjee	Comment on "Generalized projective synchronization in time-delayed systems: Nonlinear observer approach"	CHAOS	22	3	2 pages	2,076	ISI Thomson	1054-1500
130	Banerjee, S., Arifin, M.R.K.	Noise induced synchronization of time-delayed semiconductor lasers and authentication based asymmetric encryption	Optics and Laser Technology	45	1	435-442	1,515	Scopus, ISI Thomson	0030-3992
131	Ameen M. Alkharasani, Mohamed Othman	M2I2tswTCM: A new efficient optimization marker algorithm to improve fairness bandwidth in DiffServ networks fairness	Journal of Network and Computer Applications	35	2012	1361-1366	1,065	Scopus, ISI Thomson	1084-8045
132	Gafurjan Ibragimov and Yusra Salleh	Simple Motion Evasion Differential Game of Many Pursuers and One Evader with Integral Constraints on Control Functions of Players	Journal of Applied Mathematics	2012	Article ID 748096	10 pages	0,656	ISI Thomson	1110-757X
133	Adem Kiliçman, L. Kargaran Dehkordi, and M. Tavassoli Kajani	Numerical Solution of Nonlinear Volterra Integral Equations System Using Simpson's 3/8 Rule	Mathematical Problems in Engineering	2012	Article ID 603463	16 pages	0,777	ISI Thomson	1024-123X
134	S. K. Q. Al-Omari and A. Kılıçman	Note on Boehmians for Class of Optical Fresnel Wavelet Transforms	Journal of Function Spaces and Applications	2012	Article ID 405368	14 pages	0,667	ISI Thomson	2090-8997
135	Asma Ali Elbeleze, Adem Kılıçman, and Bachok M. Talb	Application of Homotopy Perturbation and Variational Iteration Methods for Fredholm Integrodifferential Equation of Fractional Order	Abstract and Applied Analysis	2012	Article ID 763139	14 pages	1,318	ISI Thomson	1085-3375
136	Mojgan Afshari, Kamarlah Abu Bakar, Wong Su Luan, Saedah Straj	Factors Affecting The Transformational Leadership Role Of Principals In Implementing Ict In Schools	Turkish Online Journal of Educational Technology	11	4	164-176	0,956	ISI Thomson	2146-7242
137	Priscilla Moses, Su Luan Wong, Kamarlah Abu Bakar and Rosnalni Mahmud	Exploring the Relationship between Attitude towards Laptop Usage and Laptop Utilisation: A Preliminary Study among Malaysian Science and Mathematics Teachers	Pertanika Journal of Social Sciences & Humanities	20	3	847-864		Scopus	0128-7702

138	Wan Zah Wan Ali, Eow Yee Leng, Rosnaini Mahmud and Roseian Bakri	Computer Games Development Class with Appreciative Learning Approach: From the Perspective of Bloom's Taxonomy	Pertanika Journal of Social Sciences & Humanities	20	3	645-668		Scopus	0128-7702
139	Bader Ahmad Aljawadi, Mohd Rizam Abu Bakar and Noor Akma	Turnbull versus Kaplan-Meier Estimators of Cure Rate Estimation Using Interval Censored Data	Pertanika Journal of Science and Technology	20	2	243-255		Scopus	0128-7680
140	Habshah, M. and Syalba, B. A.	The Performance of Classical and Robust Logistic Regression Estimators in the Presence of Outliers	Pertanika Journal of Science and Technology	20	2	313-325		Scopus	0128-7680
141	Bachok, N., Ishak, A., Pop, I.	The boundary layers of an unsteady stagnation-point flow in a nanofluid	International Journal of Heat and Mass Transfer	55	23-24	6499-6505	2,407	Scopus, ISI Thomson	0017-9310
142	Soosal, A.M., Abdullah, A., Othman, M., Latip, R., Nasir Su'alman, Md., Ibrahim, H.	Dynamic replica replacement strategy in data grid	Proceedings - 2012 8th International Conference on Computing Technology and Information Management, ICCM 2012	2	Article number 6268566	578-584		Scopus	978-898867857-1
143	Mohd Shahril, A., Aziz, Y.A., Othman, M., Bojei, J.	Impact of service guarantee on empowerment, employee responsiveness in service recovery and service quality in the Malaysian upscale hotels	Current Issues in Hospitality and Tourism Research and Innovations - Proceedings of the International Hospitality and Tourism Conference, IHTC 2012			69-73		Scopus	978-041562133-5
144	Delvarani, S., Othman, M., Ghazali, H.	Influential factors effecting fast food consumers' intention to use menu labels in fast food restaurants: A conceptual framework	Current Issues in Hospitality and Tourism Research and Innovations - Proceedings of the International Hospitality and Tourism Conference, IHTC 2012			111-115		Scopus	978-041562133-5
145	Salf, A., Othman, M., Subramaniam, S., Hamid, N.A.W.A.	An enhanced A-MSDU frame aggregation scheme for 802.11n wireless networks	Wireless Personal Communications	66	4	683-706	0.438	Scopus, ISI Thomson	0929-6212
146	Waziri, M.Y., Majid, Z.A.	A new approach for solving dual fuzzy nonlinear equations using broydens and newtons methods	Advances in Fuzzy Systems	2012		art. no. 682087		Scopus	1687-7101
147	Mohammad Maleki, M.tavassoli Kajani, I. Hashim, A. Kilicman, and K. A. M. Atan	A nonclassical radom collocation method for nonlinear initial-value problems with applications to lane emden type equations	Journal of Applied Mathematics	2012		Article ID 103205	0.656	ISI Thomson, Scopus	1110-757X
148	Norihan M. Arifin, Roslinda Nazar, Ioan Pop	Free- and Mixed-Convection Flow Past a Horizontal Surface in a Nanofluid	Journal Of Thermophysics And Heat Transfer	26	2	375-382	0.739	ISI Thomson	0887-8722
149	A. Remelli, N.M. Arifin, R. Nazar, F. Ismail and I. Pop	Marangoni-driven Boundary Layer Flow in a Nanofluid with Suction and Injection	World Applied Sciences Journal 17 (Special Issue of Applied Math)	17	2012	21-26		Scopus	1818-4952

150	Chris Bambez Guure, Noor Akma Ibrahim, and Mohd Bakri Adam	On Partly Censored Data with the Weibull Distribution	ARPN Journal of Engineering and Applied Sciences	7	10	1329-1334		Scopus	1819-6608
151	Chris Bambez Guure, Noor Akma Ibrahim	Bayesian analysis of the Survival Function and Failure Rate of Weibull Distribution with Censored Data	Mathematical Problems in Engineering	2012	Article ID 329489	18 pages	0.777	ISI Thomson, Scopus	1024-123X
152	Md Akhir, M.K., Othman, M., Majid, Z.A., Suleiman, M., Sulaiman, J.	An efficient quarter-sweep modified SOR iterative method for solving Helmholtz equation	International Journal of Pure and Applied Mathematics	80	5	751-764		Scopus	1311-8080
153	Aljawadl, B.A.I., Bakar, M.R.A., Ibrahim, N.A.	Nonparametric versus parametric estimation of the cure fraction using interval censored data	Communications In Statistics - Theory and Methods	41	23	4251-4275	0.274	ISI Thomson, Scopus	0361-0926
154	Bachok, N., Ishak, A., Pop, I.	Boundary layer stagnation-point flow and heat transfer over an exponentially stretching/shrinking sheet in a nanofluid	International Journal of Heat and Mass Transfer	55	25-26	8122-8128	2.407	ISI Thomson, Scopus	0017-9310
155	Pashazadeh Atabakan, Z., Klışman, A., Kazemi Nasab, A.	On spectral homotopy analysis method for solving linear volterra and fredholm integrodifferential equations	Abstract and Applied Analysis	2012	2012	Article number 960289	1.318	ISI Thomson, Scopus	1085-3375
156	Ibragimov, G., Satimov, N.	A multiplayer pursuit differential game on a closed convex set wth integral constraints	Abstract and Applied Analysis	2012	2012	Article number 460171	1.318	ISI Thomson, Scopus	1085-3375
157	Kılıçman, A., Abazari, R.	Travelling wave solutions of the SchröDinger-Boussinesq system	Abstract and Applied Analysis	2012	2012	Article number 198398	1.318	ISI Thomson, Scopus	1085-3375
158	Tarmizi, R.A., Ali, W.Z.W., Yunus, A.S.M., Bayat, S.	Computer supported collaborative learning in problem-based learning of statistics	Proceedings of 2012 International Conference on Multimedia Computing and Systems, ICMCS 2012	2012	Article number 632026	842-846		Scopus	ISBN: 978-146731520-3
159	Saadati, F., Tarmizi, R.A.	Understanding through Interactive scaffolding In the Facebook community	Proceedings of 2012 International Conference on Multimedia Computing and Systems, ICMCS 2012	2012	Article number 6320297	846-849		Scopus	ISBN: 978-146731520-3
160	Abasi, N., Suleiman, M., Ibrahim, Z.B., Ismail, F.	2-point and 3-Point BBDF methods for solving semi-explicit index-1 DAEs	Applied Mathematical Sciences	6	(133-136)	6679-6689		Scopus	1312-885X
161	Karmokar, P.K., Shitan, M., Kundu, R.K.	Factors affecting the yield of high yielding variety Boro rice: An evidence from Rajshahi district of Bangladesh	Journal of Food, Agriculture and Environment	10	{3-4}	492-495	0.517	ISI Thomson, Scopus	1459-0255
162	Ansarudin, F., Abbas, Z., Ali, A.H., Ismail, M.A.	Rejection technique for the determination of moisture content in hevea rubber latex	Progress in Electromagnetics Research Symposium	2012		210-213		Scopus	1559-9450
163	Ariffin, S., Mahmud, R., Jaafar, A., Rezal, M., Ariffin, K.	An immune system-inspired byte permutation function to improve confusion performance of round transformation In symmetric encryption scheme	Lecture Notes in Electrical Engineering	203	2012	339-351		Scopus	1876-1100
164	Norlmi, A.M., Abbas, Z., Jusoh, A., ismail, M.A.	Determination of moisture content of Malze Kernel (<i>Zea mays</i> L.) by reflectance measurement at wavelengths 300nm to 800nm using optical technique	Progress In Electromagnetics Research Symposium	2012		1072-1074		Scopus	1559-9450

165	Yahaya, N.Z., Abbas, Z., Ismail, M.A., Mohd Ali, B.	Determination of moisture content of hevea rubber latex using a microstrip patch antenna	Progress In Electromagnetics Research Symposium	2012		1290-1293		Scopus	1559-9450
166	Senu, N., Suleiman, M., Ismail, F., Ariffin, N.M.	New 4(3) pairs diagonally Implicit Runge-Kutta-Nyström method for periodic IVPs	Discrete Dynamics in Nature and Society	2012	2012	Article number 324989	0.688	ISI Thomson, Scopus	1026-0226
167	Ahmad Fauzi Mohd Ayub, Rohani Ahmad Tarmizi, Kamaliah Abu Bakar, Su Luan, Wong	WxMaxima Computer Software as an Aid to the Study of Calculus by Students with Different Learning Approaches	Procedia - Social and Behavioral Sciences	64	2012	467 – 473		Scopus	1877-0428
168	Mohammed J. Asiria, Rosnaini Mahmud, Kamaliah Abu Bakar, Ahmad Fauzi Mohd Ayub	Role of Attitude in Utilization of Jusur LMS in Saudi Arabian Universities	Procedia - Social and Behavioral Sciences	64	2012	525 – 534		Scopus	1877-0428
169	Borhannudin Abdullah, Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub	The Development of Gross Motor Analysis System Software: A Preliminary Concept	Procedia - Social and Behavioral Sciences	64	2012	501 – 506		Scopus	1877-0428
170	Nadia M. G. Al-Saidi, Mohamad Rushdan Md. Said, and Wan Alnun M. Othman	Password Authentication Based on Fractal Coding Scheme	Journal of Applied Mathematics	2012	Article ID 340861	16 pages	0.656	ISI Thomson	1110-757X
171	Wong wen Wei, Hishamuddin Zainuddin and Ismailddin Rakhimov	Linking Base Spaces of Hopf Fibration for Two-Qubit State Space Description	Advanced Studies In Theoretical Physics	6	28	1371-1387		Scopus	1313-1311
172	Zawawi, I.S.M., Ibrahim, Z.B., Ismail, F., Majid, Z.A.	Diagonally implicit block backward differentiation formulas for solving ordinary differential equations	International Journal of Mathematics and Mathematical Sciences	2012	2012	Article number 767328		Scopus	0161-1712
173	Agwa, H.A., Ali, F.M., Kılıçman, A.	A new integral transform on time scales and its applications	Advances in Difference Equations	2012	2012	Article number 60	0.845	ISI Thomson, Scopus	1687-1847
174	Chaharborj, S.S., Kiai, S.M.S., Fudziah, I., Majid, Z.A.	Study of quadrupole mass filter supplied with a new impulsive potential	European Journal of Mass Spectrometry	18	5	431-438	1.207	ISI Thomson, Scopus	1469-0667
175	Gholamreza Zabandan, Abasalt Bodaghi and Adem Kılıçman	The Hermite-Hadamard inequality for r -convex functions	Journal of Inequalities and Applications	2012	2012	215	0.726	ISI Thomson	1029-242X
176	Turaev, S., Krassovitskly, A., Othman, M., Selamat, M.H.	Parsing algorithms for regulated grammars	International Journal of Mathematical Models and Methods in Applied Sciences	6	6	748-756		Scopus	1998-0140
177	Barjini, H., Othman, M., Ibrahim, H., Udzir, N.I.	Analytical studies and experimental examines for flooding-based search algorithms	Lecture Notes in Computer Science	7473	2012	299-306		Scopus	0302-9743
178	Ahmed, I., Subramaniam, S., Othman, M., Zulkarnain, Z.	Performances of partition utility accrual real time scheduling algorithm	Journal of Computer Science	8	8	1225-1234		Scopus	1549-3636
179	Mogalbel, H.A., Othman, M., Subramaniam, S., Asilah Watl Abdul Hamid, N.	On-demand channel reservation scheme for common traffic in wireless mesh networks	Journal of Network and Computer Applications	35	4	1329-1351	1.065	ISI Thomson, Scopus	1084-8045

180	Alkharasani, A.M., Othman, M.	M 2I 2tswTCM: A new efficient optimization marker algorithm to improve fairness bandwidth In DiffServ networks	Journal of Network and Computer Applications	35	4	1361-1366	1.065	ISI Thomson, Scopus	1084-8045
181	Al-Surmi, I., Othman, M., Mohd Ali, B.	Mobility management for IP-based next generation mobile networks: Review, challenge and perspective	Journal of Network and Computer Applications	35	1	295-315	1.065	ISI Thomson, Scopus	1084-8045
182	Soleimani, H., Abbas, Z., Yahya, N., Shameli, K., Soleimani, H., Shabanzadeh, P.	Reflection and transmission coefficient of Yttrium iron garnet filled polyvinylidene fluoride composite using rectangular waveguide at microwave frequencies	International Journal of Molecular Sciences	13	7	8540-8548	2.598	ISI Thomson, Scopus	1661-6596
183	Jazilhan Mahat, Ahmad Fauzi Mohd Ayub, Su Luan, Wong	An Assessment of Students' Mobile Self-Efficacy, Readiness and Personal Innovativeness towards Mobile Learning in Higher Education in Malaysia	Procedia - Social and Behavioral Sciences	64	2012	284 – 290		Scopus	1877-0428
184	Wan Marzuki Wan Jaafar, Normazlina Ismail @ Mat Jusoh, Borhanuddin Abdullah, Ahmad Fauzi Mohd Ayub	The Acceptance of the Trainee Counsellors towards Smart Counselling Management System (SCMS)	Procedia - Social and Behavioral Sciences	64	2012	609 – 617		Scopus	1877-0428
185	Eltayeb, H., Kılıçman, A.	Application of sumudu decomposition method to solve nonlinear system of partial differential equations	Abstract and Applied Analysis	2012	2012	Article number 412948	1,318	ISI Thomson, Scopus	1085-3375
186	Mas Nida Md. Khambari, Wong Su Luan and Ahmad Fauzi Mohd. Ayub	Promoting Teachers' Technology Professional Development Through Laptops	Pertanika Journal of Social Science and Humanities	20	1	137-145		Scopus	0128-7702
187	All, Z., Mukundan, J., Bakri, R., Ayub, A.F.M.	Second language learners' attitudes towards the methods of learning vocabulary	English Language Teaching	5	4	24-36		Scopus	1916-4742
188	Priscilia Moses, Kamariah Abu Bakar, Rosnaini Mahmud, Su Luan Wong	ICT Infrastructure, Technical and Administrative Support as Correlates of Teachers' Laptop Use	Procedia - Social and Behavioral Sciences	59	2012	709-714		Scopus	1877-0428
189	Ashkan Shabbak and Habshah Mirdi	An Improvement of the Hotelling T2 Statistic in Monitoring Multivariate Quality Characteristics	Mathematical Problems in Engineering	2012	Article ID 531864	15 pages	0.777	ISI Thomson	1024-123X
190	Arezoo Bagheri , M. Habshah & R. H. M. R. Imon	A Novel Collinearity-Influential Observation Diagnostic Measure Based on a Group Deletion Approach	Communications In Statistics - Simulation and Computation	41	2012	1379–1396	0.387	ISI Thomson	0361-0918
191	Habshah Mirdi, Mohd Shafie Mustafa, Anwar Fitrianto	The Performance of Optimum Response Surface Methodology Based on MM-Estimator	International Journal Of Mathematical Models And Methods in Applied Sciences	6	6	757-764		Scopus	1998-0140
192	Arezoo Bagheri and Habshah Mirdi	On the Performance of the Measure for Diagnosing Multiple High Leverage Collinearity-Reducing Observations	Mathematical Problems in Engineering	2012	Article ID 531607	15 pages	0.777	ISI Thomson	1024-123X
193	P.S. Phang, Z.A. Majid, M. Suleiman and F. Ismail	Solving Boundary Value Problems With Neumann Conditions Using Direct Method	World Applied Sciences Journal	20	2012	129-133		Scopus	1818-4952
194	Pradhan, A., Amrhashchi, H., Zainuddin, H.	Accelerating dark energy models In bianchi type-V space-time with time dependent deceleration parameter	Electronic Journal of Theoretical Physics	9	27	159-176		Scopus	1729-5254

195	Zabandan, G., Kılıçman, A.	A new version of Jensen's Inequality and related results	Journal of Inequalities and Applications	2012	2012	Article number238	0.822	ISI Thomson	1029-242X
							104.108		

b. Total number of publications in non-citation-Indexed Journals

NO	AUTHORS	ARTICLE/TITLE	JOURNAL/TITLE	VOLUME	ISSUE	PAGES	INDEXING	ISSN
1	S. Banerjee and M.R.K.Arifin	Chaos Synchronization based Data Transmission with Asymmetric Encryption	International Journal of Computer Applications	37	12	6-9	DOAJ, Google Scholar, Informatics, ProQuest CSA Technology Research Database, NASA ADS (Harvard Univ.)	0975-8887
2	Kalyan Kumar Dey, Akhil Chandra Paul and Isamiddin S. Rakhlmov	Dependent Elements In Prime and Semiprime Gamma Rings	Asian Journal of Algebra	5	1	11-20	ASCI-Database Directory of	1994-540x
3	Adem Kılıçman and Amin Salif	Homotopy Extension Property In Homotopy Theory for Topological Semigroups	ISRN Geometry	2012	Article ID 359403	9 pages	Airiti Library/EBSCO Discovery	2090-6315
4	Abdumalik Rakhlmov and Hishamuddin Zainuddin	On One Application Of Fourier Analysis in Plastic Surgery	International Journal of Modern Physics: Conference Series	9	2012	24-29	Google Scholar	2010-1945
5	A. Selamat, S. A. Atiman, A. Puteh, N. A. P. Abdullah, M. T. M. Mohamed, A. A. Zulkeeffli	"Allometry" Deterministic Approaches In Cell Size, Cell Number And Crude Fiber Content	International Journal of Modern Physics: Conference Series	9	2012	30-43	Google Scholar	2010-1945
6	All Ashrafi, Azmi Bin Jaafar And Lal Soon Lee	Efficiency Analysis Of Caspian Cattle Feedlot Farms By Data Envelopment Analysis	International Journal of Modern Physics: Conference Series	9	2012	52-58	Google Scholar	2010-1945
7	Turaj Vazife dan And Mahendran Shitan	Modeling Polio Data Using The First Order Non-Negative Integer-Valued Autoregressive, INAR(1), Model	International Journal of Modern Physics: Conference Series	9	2012	232-239	Google Scholar	2010-1945
8	Nor Aln Azeany Mohd Nasir, Zarina Bibi Ibrahim, Mohamed Suleiman, K. I. Othman And	Numerical Solution Of Tumor-Immune Interaction Using 2-Point Block Backward Differentiation	International Journal of Modern Physics: Conference Series	9	2012	278-284	Google Scholar	2010-1945
9	Fauzia Ali Taweab, Noor Akma Ibrahim And Bader Ahmad I Aljawadli	Estimation Of Cure Fraction For Lognormal Right Censored Data With Covariates	International Journal of Modern Physics: Conference Series	9	2012	308-315	Google Scholar	2010-1945
10	Hazel Monica Matias-Peralta, Alireza Ghodsi, Mahendran Shitan And Fatimah Md. Yusoff	Probability Models For The Distribution Of Copepods In Different Coastal Ecosystems Along The Straits Of Malacca	International Journal of Modern Physics: Conference Series	9	2012	316-325	Google Scholar	2010-1945
11	Mohamed Faris Laham, Ithrinayagi Krishnarajah And Abdul Kadir Jumaat	A Numerical Study On Predator Prey Model	International Journal of Modern Physics: Conference Series	9	2012	347-353	Google Scholar	2010-1945
12	Sarkhosh Seddighi Chaharborj, A. B. Mohd Rizam And I. Fudziah	Study Of Stochastic Systems For Epidemic Disease Models	International Journal of Modern Physics: Conference Series	9	2012	373-379	Google Scholar	2010-1945
13	Thulasyarmal Ramiah Pillai And Mahendran Shitan	An Illustration Of Generalised Arma (Garma) Time Series Modeling Of Forest Area In	International Journal of Modern Physics: Conference Series	9	2012	390-397	Google Scholar	2010-1945
14	Chng Nei Yap, Lal Soon Lee, Zarariah Abdul Majid And Hsin Vonn Seow	Loading Containers With Ants	International Journal of Modern Physics: Conference Series	9	2012	406-410	Google Scholar	2010-1945
15	Joanne Suk Chun Chew And Lal Soon Lee	A Genetic Algorithm For Urban Transit Routing Problem	International Journal of Modern Physics: Conference Series	9	2012	411-421	Google Scholar	2010-1945
16	Mohammad Jalali Varnakhasti And Lal Soon Lee	A Genetic Algorithm Based On Sexual Selection For The Multidimensional 0/1 Knapsack	International Journal of Modern Physics: Conference Series	9	2012	422-431	Google Scholar	2010-1945
17	Ummul Khair Salma Din, Fudziah Ismail, Zarariah Abdul Majid And Rokiah Rozita Ahmad	Solving Medical Akzo Nobel Problem Using Functional Load Balancing Algorithm Of 4(3) Dirk	International Journal of Modern Physics: Conference Series	9	2012	480-487	Google Scholar	2010-1945
18	Wen Fang Tan, Lal Soon Lee, Zarariah Abdul Majid And Hsin Vonn Seow	Routing Vehicles With Ants	International Journal of Modern Physics: Conference Series	9	2012	495-502	Google Scholar	2010-1945
19	Abduvali Khaldigitov, Aziz Qalandarov, Nik Mohn Asri Nik Long And Zainidin Eshqutov	Numerical Solution Of 1d And 2d Thermoelastic Coupled Problems	International Journal of Modern Physics: Conference Series	9	2012	503-510	Google Scholar	2010-1945
20	Fateh Allahabi And G.I. Ibragimov	Evasion From One Pursuer In A Hilbert Space	International Journal of Modern Physics: Conference Series	9	2012	529-536	Google Scholar	2010-1945

21	Isamiddin S. Rakhlmov And Kamel A. Mohd Atan	On Some New Properties Of Catalan Numbers	International Journal of Modern Physics: Conference Series	9	2012	537-542	Google Scholar	2010-1945
22	Marzieh Khakestari, Gafurjan Ibragimov And Mohamed Suleiman	Optimal Control Using Pontryagin's Maximum Principle In A Linear Quadratic Differential	International Journal of Modern Physics: Conference Series	9	2012	543-551	Google Scholar	2010-1945
23	Nor Fazilah Mohd Mokhtar And Norihan Md Arifin	Bénard-Marangoni Ferroconvection With Feedback Control	International Journal of Modern Physics: Conference Series	9	2012	552-559	Google Scholar	2010-1945
24	Nur Zahidah Mukhtar, Zanariah Abdul Majid, Fudziah Ismail And Mohamed Suleiman	Numerical Solution For Solving Second Order Ordinary Differential Equations Using Block	International Journal of Modern Physics: Conference Series	9	2012	560-565	Google Scholar	2010-1945
25	Pei See Phang, Zanariah Abdul Majid And Mohamed Suleiman	On The Solution Of Two Point Boundary Value Problems With Two Point Direct Method	International Journal of Modern Physics: Conference Series	9	2012	566-573	Google Scholar	2010-1945
26	Suzan J. Obalys, Z. K. Eskhuvatov And N. M. A. Nik Long	Automatic Quadrature Scheme For Evaluating Hypersingular Integrals	International Journal of Modern Physics: Conference Series	9	2012	581-585	Google Scholar	2010-1945
27	Nahdiya Zainal Abidin, Bakri adam, Habshah Midi	The Goodness-of-fit Test for Gumbel Distribution: A Comparative study	Matematika	28	1	35-48	DOAJ, EBSCO, MyAIS	0127-8274
28	Nahdiya Zainal Abidin, Bakri Adam, Habshah Midi	Hybrid Conditional Plot of Goodness-of-fit for Gumbel Distribution	Journal of Quality Measurement and Analysis	8	1	43-53	MyAIS, Google Scholar	1823-5670
29	S. Plous Missler, M. J. Jeyanthi, Adem Kılıçman	On Characterizations of New Separation Axioms and Topological Properties	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	5	3	357-364	Mathematical Reviews, Zentralblatt	1307-5543
30	Kaveh Kiani, Jayanthi Arasan	Simulation Of Interval Censored Data In Medical And Biological Studies	International Journal of Modern Physics: Conference Series	9	2012	112-118	Google Scholar	2010-1945
31	Kalyan Kumar Dey, Akhil Chandra Paul and Isamiddin S. Rakhlmov	Orthogonal Generalized Derivations in Semiprime Gamma Near-Rings	International Journal of Algebra	6	23	1127 - 1134	Mathematical Reviews (USA), Current	1312-8868
32	S. Seddlighi Chaharborj, I. Fudziah, Z. A. Majid and M. R. Abu Bakar	Application of Fuzzy Method In a Quadrupole Ion Trap	International Journal of Modern Applied Physics	1	2	63-75	Open Access	2158-1139
33	Jumat Sulaiman, Mohd Khatim Hasan, Mohamed Othman and Samsul Ariffin Abdul Karim	Newton-EGMQR Methods for Solution of Second Order Two-Point Nonlinear Boundary Value	Journal of Mathematics and System Science	2	2012	185-190	Database of EBSCO, Massachusetts,	2159-5291
34	Nadim K. M. Madi and Mohamed Othman	Optimizing Service Differentiation Scheme with Sized-based Queue Management in DiffServ Networks	Journal of Telecommunications	14	2	June 2012	Google Scholar, DOAJ (Directory of	2042-8839
35	Tarmizi, Rohani Ahmad, Ali, Wan Zah Wan ; Yunus, Alda Suraya Mohd ; Bayat, Sahar	Computer supported collaborative learning In problem-based learning of statistics	Multimedia Computing and Systems (ICMCS), 2012 International Conference on			842-846	IEEE Xplore Digital Library	Print ISBN: 978-1-4673-1518-0
36	Saadati, Farzaneh, Tarmizi, Rohani Ahmad	Understanding through interactive scaffolding in the Facebook community	Multimedia Computing and Systems (ICMCS), 2012 International			846-849	IEEE Xplore Digital Library	Print ISBN: 978-1-4673-1518-0
37	Ibrahim Ghadi, Nor Hayati Alwi, Kamarlah Abu Bakar, Othman Talib	Construct Validity Examination of Critical Thinking Dispositions for Undergraduate Students In University Putra Malaysia	Higher Education Studies	2	2	138-145	DOAJ, CrossCheck (Powered by iThenticate), CrossRef	1925-475X
38	Hazwan! Mohd Radzi, Zanariah Abdul Majid, Fudziah Ismail and Mohamed Suleiman	Two and Three Point One-Step Block Methods for Solving Delay Differential Equations	Journal of Quality Measurement and Analysis	8	1	29-41	MyAIS, Google Scholar	1823-5670
39	Nor Azian Aini Mat, Norihan M Arifin, Roslinda Nazar and Fudziah Ismail	Radiation effect on Marangoni convection boundary layer flow of a nanofluid	Mathematical Sciences	6	21	6 pages	Open Access	
40	Md. Anowar Hossain, Rohani Ahmad Tarmizi, Ahmad Fauzi bin Mohd Ayub	Collaborative and Cooperative Learning in Malaysian Mathematics Education	Indonesian Mathematical Society Journal on Mathematics Education (IndoMS-JME)	3	2	103-114	Google Scholar	2087-8885
41	Mohammed J. Sherbil Asiri, Rosnalni bt Mahmud, Kamarlah Abu Bakar, Ahmad Fauzi bin Mohd Ayub	Factors Influencing the Use of Learning Management System In Saudi Arabian Higher Education: A Theoretical Framework	Higher Education Studies	2	2	125-137	DOAJ, CrossCheck (Powered by iThenticate), CrossRef	1925-4741
42	S. Alkhasawneh, F. Abd. Rahman, A. F. bin M. Ayub, S. bin M. Daud	Developing Multimedia Text for Reading Comprehension Based on Cognitive Theory of Multimedia Teaching	International Journal of Innovative Ideas (IJI)	12	4	11-19	Google Scholar	2232-1942
43	S. Alkhasawneh, F. Abd. Rahman, A. F. bin M. Ayub, A. bin M. Daud	The Effect of Arabic as First Language Web Based Teaching on Jordanian Basic School Students Arabic Reading Comprehension Motivation	International Journal of Innovative Ideas (IJI)	12	4	20-31	Google Scholar	2232-1942

44	Rohayati Ismail, Ahmad Fauzi Mohd Ayub, Othman Tallib	Hubungan antara Kompetensi Guru, Sokongan dan Prasrama Sekolah dengan Sikap Guru Terhadap Penggunaan Teknologi Maklumat dan Komunikasi dalam Pengajaran dan Pembelajaran	Jurnal Pendidikan Sains & Matematik Malaysia	2	1	51-64	-	2232-0393
45	Su Luan Wong, Norliza Ibrahim, and Ahmad Fauzi Mohd Ayub	Learning Strategies as Correlates of Computer Attitudes: A Case Study among Malaysian Secondary School Students	International Journal of Social Science and Humanity	2	2	123-126	Google Scholar and Engineering & Technology Digital Library, Crossref,	2010-3646
46	Seyedeh Azadeh Safavi, Kamariah Abu Bakar, Rohani Ahmad Tarmizi, Nor Hayati Alwi	The Role of Student Ratings on Instruction from Perspectives of the Higher Education Administrators	International Journal of Business and Social Science	3	10	233-239	Cabell Publishing, Inc., Ulrichsweb, Directory of Open Access Journals	2219-1933
47	Llew Yon Foi, Kamariah Abu Bakar, Mohd Sahandri Ganil Hamzah, Nor Hayati Alwi	Development and Validation of teacher Curriculum Paradigm instrument	IAMURE International Journal of Social Sciences	2	1	-	Google Scholar	2243-8327
48	Seyed Yasin Yazdi Amirkhiz, Kamariah Abu Bakar, Roselan Bakri, Arshad Abd Samad, Karim Hajhashemi	A Brief Review of Theoretical Underpinnings, Definitions and Typical Configurations of Collaborative Writing	International Journal of Applied Linguistics & English Literature	1	4	197-204	Cabell Publishing, Gale, ERIC, ERIH, OSPA, The Elektronische	2200-5594
49	Anwar Fitrianto, Habshah Md	Multi-Response Optimization via Desirability Function for the Black Liquor DATA	Journal of Science and Technology	4	1	91-102	Open Journal Systems	2229-8460

c. Total number of research books (4 chapters in research book(s) are equivalent to 1 research book) - excluding research books declared in Section E: innovation

NO	AUTHORS	CHAPTER TITLE	PAGES	BOOK-TITLE	BOOK-EDITOR	PUBLISHER	ISBN
1	Mat Rofa Ismail, Habsah Ismail, Rohani Ahmad Tarmizi, Sharifah Kartini Said Husain	Rumpun Melayu: Bangsa yang Bertamadun	13-28	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
2	Mat Rofa Ismail, Rohani Ahmad Tarmizi, Ahmad Fauzi Ayub, Norbalzura Yusof, Sharifah Kartini Said Husain	Seni Warisan Melayu: Suatu Manifestasi Etnomatematik	29-46	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
3	Mat Rofa Ismail, Habsah Ismail, Rohani Ahmad Tarmizi	Etnomatematik: Pemikiran dan Citra Budaya Rumpun Melayu	47-62	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
4	Mat Rofa Ismail, Rohani Ahmad Tarmizi, Habsah Ismail, Norbaizura Yusof	Etnofalak: Etnomatematik dan Hubungannya dengan Syariah	63-76	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
5	Mat Rofa Ismail, Rohani Ahmad Tarmizi, Habsah Ismail, Wan Zah Wan Ali, Rohailat Abd Wanab, Nur Sumirah Mohd Dom, Sharifah Kartini Said Husain, Mohammad Alinor Abd Kadir, Ahmad Fauzi Ayub, Baharrudin Zainal, Fara Nadia Zelnuddin	Pendokumentasian: Etnomatik Sebagai Warisan Pemikiran Ummah	77-100	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
6	Mat Rofa Ismail	Etnomatematik: Menghubungkan Matematik dengan Epistemologi, Didaktik dan Teknologi	101-111	Rampalan Etnomatematik	Prof. Madya Dr. Mat Rofa Ismail	UPM	978-967-344-280-5
7	Rohani Ahmad Tarmizi	Etnomatematik di Alam Melayu	1-13	Etnomatematik & Etnosains di Alam Melayu	Prof. Madya Dr. Rohani Ahmad Tarmizi	UPM	978-967-344-275-1
8	Mat Rofa Ismail	Ilmu Hikmah dalam Kajian Etnosains dan Etnomatematik Alam Melayu	14-53	Etnomatematik & Etnosains di Alam Melayu	Prof. Madya Dr. Rohani Ahmad Tarmizi	UPM	978-967-344-275-1
9	Baharrudin Zainal, Mat Rofa Ismail	Sains Matematik dalam Kitab Fiqah Popular Alam Melayu Sebelum Abad ke-19M	54-73	Etnomatematik & Etnosains di Alam Melayu	Prof. Madya Dr. Rohani Ahmad Tarmizi	UPM	978-967-344-275-1
10	Mat Rofa Ismail	Penaakulan Mantik dalam Ilmu kalam Alam Melayu 60	74-116	Etnomatematik & Etnosains di Alam Melayu	Prof. Madya Dr. Rohani Ahmad Tarmizi	UPM	978-967-344-275-1

11	Ismail Mohamad dan Noor Akma Ibrahim	Kaltan Faedah Dengan Kehidupan Manusia di Alam Nyata	196-210	Etnomatematik & Etnosains di Alam Melayu	Prof. Madya Dr. Rohani Ahmad Tarmizi	UPM	978-967-344-275-1
12	Zalina Mohd Ali, Noor Akma Ibrahim, Kerrie Mengersen, Mahendran Shitan, Hafizan Juahir and Faridatul Azra Ahmad Shahbuddin	Temporal Water Quality Assessment of Langat River from 1995-2006	321-346	Water Quality Monitoring and Assessment	Kostas Voudouris and Dimitra Voutsas	InTech	978-953-51-0486-5
13	M. R. K. Ariffin, N. M. G. Al-Saidi, M. R. M. Said, Z. Mahad and M. A. Daud	A New Direction in Utilization of Chaotic Fractal Functions for Cryptosystems	293-248	Applications of Chaos and Nonlinear Dynamics in Science and Engineering - Vol. 2 Understanding Complex Systems	J.A. Scott Kelso	Springer	978-3-642-29329-0
14	Santo Banerjee	A Cryptographic Scheme Based on Chaos Synchronization and Genetic Engineering Algorithm	249-270	Applications of Chaos and Nonlinear Dynamics in Science and Engineering - Vol. 2 Understanding Complex Systems	J.A. Scott Kelso	Springer	978-3-642-29329-0
15	Mat Rofa Ismail	Penggunaan Ilmu Mantik dan Matematik sebagai Tuntutan Agama : Memanfaatkan Sejarah Keilmuan Islam	107-140	Membina Kekuatan Sains di Malaysia	Azrina Sobian	IKIM	978-983-2636-66-3
16	Mat Rofa Ismail	Perluasan Domain Sains: Ke arah Kajian Sains yang Mengasyikkan	151-187	Membina Kekuatan Sains di Malaysia	Azrina Sobian	IKIM	978-983-2636-66-3
17	Ng Haw Kuen, Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub	Kesejahteraan Kaunselor Menurut Perspektif Teori Roda Kesejahteraan	14-34	Isu Dalam Perkhidmatan Bimbingan dan Kaunseling	Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub, syaliza Adlha Tewiran	Neurox Publishing House	978-967-10997-0-4
18	Suzana Harun, Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub	Isu Dalam Efikasi Swadirl Kaunselor	35-49	Isu Dalam Perkhidmatan Bimbingan dan Kaunseling	Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub, syaliza Adlha Tewiran	Neurox Publishing House	978-967-10997-0-4
19	Wan Hamzari Wan Hamid, Ahmad Fauzi Mohd Ayub & Mokhtar Hj. Nawawi	Ketagihan Internet dalam Kalangan Pelajar Sains Sosial	23-45	Amalan Pengajaran dan Pembelajaran Melalui Kepelbagai Teknologi	Mohd Arif Ismail, Rozhan M.Idrus, Rosnaini Mahmud	Persatuan Teknologi Pendidikan Malaysia	978-983-42753-6-1
20	Wan Hamzari Wan Hamid, Ahmad Fauzi Mohd Ayub & Mokhtar Hj. Nawawi	Penggunaan Internet bagi Aktiviti Akademik dalam Kalangan Pelajar Universiti dari Perspektif Gender	13-20	Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan	Shafie Mohd Daud, Ahmad Fauzi Mohd Ayub	Penerbit UPM	978-967-344-304-8
21	Rohayati Ismail, Ahmad Fauzi Mohd Ayub dan Othman Talib	Sikap Guru Sains dan Matematik Terhadap Penggunaan Teknologi Maklumat dan Komunikasi dalam Pengajaran dan Pembelajaran	44-56	Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan	Shafie Mohd Daud, Ahmad Fauzi Mohd Ayub	Penerbit UPM	978-967-344-304-8
22	Norliza Ibrahim, Wong Su Luan dan Ahmad Fauzi Mohd Ayub	Faktor-Faktor Yang Mempengaruhi Sikap Pelajar Terhadap Komputer	57-71	Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan	Shafie Mohd Daud, Ahmad Fauzi Mohd Ayub	Penerbit UPM	978-967-344-304-8
23	Samsul Bahrain, Ahmad Fauzi Mohd Ayub, Wong Su Luan dan Wan Marzuki Wan Mustaffa	Profil Pengguna Laman Facebook dalam Kalangan Pelajar Universiti	117-128	Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan	Shafie Mohd Daud, Ahmad Fauzi Mohd Ayub	Penerbit UPM	978-967-344-304-8

d. Other publications - Including 'conference proceedings, abstracts, articles in magazines, newsletters, etc. (but not including unpublished reports) that have created an impact to government / society / policy

NO	AUTHORS	PAPER TITLE	PUBLICATION TYPE ¹	PAGES	CONFERENCE NAME	CONFERENCE VENUE	DATE
1	Dr. Sharifah Kartini Said Husain	Melayu Hebat Harung! Lautan	newsletters	N10			

2	Prof. Madya Dr. Mat Rofa Ismail	Organ untuk Berfikir : Otak atau Jantung?	articles in magazines	26-27			
3	Prof. Madya Dr. Mat Rofa Ismail	Adakah Semut, Lebah & Burung Bercakap?	articles in magazines	26-27			
4	Prof. Madya Dr. Mat Rofa Ismail	Labah-Labah : Simbol Keiurga Menderita	articles in magazines	28-30			
5	Prof. Madya Dr. Mat Rofa Ismail	Orang yang Menjual akhirat untuk Dunia : Ibarat Anjing Terjelir	articles in magazines	28-32			
6	Prof. Madya Dr. Mat Rofa Ismail	Kedai Memikul Kitab : Simbol Ilmu tidak bermanfaat	articles in magazines	26-29			
7	Prof. Madya Dr. Mat Rofa Ismail	Rahsia Arah Pusingan Tawaf	articles in magazines	29-30			
8	Melini Suali, Nik Mohd. Asri Nik Long and Anuar Mohd. Ishak	Unsteady Stagnation Point Flow and Heat Transfer Over a Stretching/Shrinking Sheet With Prescribed Surface Heat Flux	conference proceedings	18-23	2nd Regional Conference on Applied and Engineering Mathematics 2012	Eastern & Oriental Hotel, Penang Malaysia	30-31 May 2012
9	Izzati Khalidah, Nor Fadzilah Mohd Mokhtar and Norihan Md Arifin	Rayleigh-Benard Convection in Micropolar Fluid With Feedback Control Effect	conference proceedings	31-36	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
10	Suzan Jabbar Obalys, Z.K. Eskuvatov and N.M.A. Nik Long	Numerical Treatment of Hypersingular Integral Equations	conference proceedings	50-52	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
11	S. Turaev, G. Mavlankulov, M. Othman, and M.H. Selamat	Descriptional Complexity of Lindenmayer Systems	conference proceedings	143-149	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
12	S. Turaev, M. Othman, M.H. Selamat, N.H. Sarmin, and F.W. Heng	A Variant of Valence Splicing Systems : Weighted Splicing Systems	conference proceedings	150-153	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
13	F. Deraman, I.S. Rakhlmov, S.K. Sald Husain, and S. H. Sapar	On Isomorphism Criteria for Nine-Dimensional Complex Filiform Leibniz Algebras	conference proceedings	219-224	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
14	Yeoh Hong Beng and Alda Suraya Md. Yunus	A Holistic Approach to Activate and Enhance Prior Knowledge of Tertiary Learners in the Upcoming	conference proceedings	240-244	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
15	Rohana Abdul Hamid, Norihan Md Arifin and Roslinda Nazar	Effects of Radiation, Joule Heating and Viscous Dissipation on MHD Marangoni Convection Over a Flat	conference proceedings	289-293	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
16	Zanariah Abdul Majid, Nurul Asyikin Azmi and Mohamed Suleiman	Numerical Solution of General Second Order ODEs Using Direct Multistep Block Method	conference proceedings	325-328	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
17	Phang Pei See, Zanariah Abdul Majid and Mohamed Suleiman	Direct Method Applied to Second Order Two-Point Boundary Value Problems of Dirichlet Type	conference proceedings	329-332	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
18	Zarina Bibi Ibrahim, Iskandar Shah Mohd Zawawi, Fudziah Ismail, and Zanariah Abdul	Block Backward Differentiation Formulas for Solving Fuzzy Differential Equations	conference proceedings	348-352	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
19	Zarina Bibi Ibrahim, Nurzeeani Ismail, Khairil Iskandar Othman and Yong Faezah Rahim	Modified Block Backward Differentiation Formulas For Solving Fuzzy Differential	conference proceedings	353-357	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
20	Zarina Bibi Ibrahim, Nor Ain Azeany Mohd Nasir, Khairil Iskandar Othman and Mohamed	Multi-Block Backward Differentiation Formulas For Solving Stiff Ordinary Differential	conference proceedings	358-362	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
21	Yap Lee Ken, Fudziah Ismail and Norazak Senu	Block Hybrid Collocation Method for Direct Solution of General Third Order Ordinary Differential	conference proceedings	363-367	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
22	Mohd Rivalie, Mustafa Mamat, Leong Wah June and Muhammad Fauzi	Some Modification of Conjugate Gradient Coefficient for Large-Scaled Unconstrained	conference proceedings	411-416	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
23	L.S. Lee, H. Nazif and H.V. Seow	A Genetic Algorithm for Solving Scheduling Problem With Family Setup Times	conference proceedings	507-510	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
24	Norsida Hasan, Mohd Bakri Adam, Norwati Mustapha and Mohd Rizam Abu Bakar	Similarity Measure Exercise For Classification Trees Based on the classification path	conference proceedings	590-594	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
25	Kaveh Kiani and Jayanthi Arasan	Interval Estimations for Parameters of Exponential Model With Doubly Interval-Censored	conference proceedings	653-660	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
26	Jayanthi Arasan and Loh Yue Fang	Bayesian Estimation for Poisson Process Models With Grouped Data And Covariate	conference proceedings	661-666	2nd Regional Conference on Applied and	Eastern & Oriental Hotel, Penang	30-31 May 2012
27	Bekbaev U.D.	A Formula for higher Order Partial Derivatives	conference proceedings	16-18	International Conference On Operator Algebras	Uzbekistan	12-14 September 2012
28	Isamiddin S.Rakhimov, Kamel A.Mohd Atan, Siti Hasana Sapar	Cohomological Approach To Classify Nilpotent Leibniz Algebras	conference proceedings	50-51	International Conference On Operator Algebras	Uzbekistan	12-14 September 2012

29	Rakhimov I.S., Said Husain Sh.K., Basri W	Invariant Approach To The Classification Problem Of Finite-Dimensional Complex Filiform	conference proceedings	51-53	International Conference On Operator Algebras	Uzbekistan	12-14 September 2012
30	Witriany B, Rikhsboev I. M.	Derivations and Automorphisms of Complex Diassociative Algebras	conference proceedings	70-72	International Conference On Operator Algebras	Uzbekistan	12-14 September 2012
31	P.S. Phang, Z.A.Majid, M. Suleiman and F. Ismail	Solving Boundary Value Problems With Neumann Conditions Using Direct Method	conference proceedings	359-366	2nd International Conference on Mathematical Applications in Engineering	Kuala Lumpur	3-5 July 2012
32	Chew Khui Tat , Zanariah Abdul Majid , Norazak Senu and Mohamed Suleiman	Implementation Of Two Point Direct Method Of Adams Moulton Type For Solving Linear Two-Point Boundary Value Problem	conference proceedings	375-380	2nd International Conference on Mathematical Applications in	Kuala Lumpur	3-5 July 2012
33	Z.A. Majid, N.Z. Mukhtar , F. Ismail and L.S. Lee	Four Point Direct Block Method For Solving General Second Order Odes	conference proceedings	375-380	2nd International Conference on Mathematical Applications in	Kuala Lumpur	3-5 July 2012
34	Mohd Hafizi Mat Yasin, Norlilan Md Arifin, Roslinda Nazar, Fudziah Ismail and Ioan Pop	Mixed Convection Flow On A Vertical Permeable Surface In A Porous Medium Saturated By A Nanofluid With Internal Heat	conference proceedings	CHT12-MN06	Proceedings of CHT-12 ICHMT International Symposium on	Bath, England	1-6 July 2012
35	Mahendran Shitan, Provash Kumar Karmokar, Halimah Muhamad, Maznah Zainol, Najwa Sulaiman	A Resistant Fit for Hexaconazole Concentration In the Top Most Layer of the Soil In an Oil Palm Plantation	conference proceedings	122	Proceedings of International Conference on Multidisciplinary Research 2012	Penang, Malaysia	1-3 November 2012
36	Ng Yung Lerd, Mahendran Shitan, Provash Kumar Karmokar	Time Series Modeling and Forecasting of Ampang line Passenger Ridership In Malaysia	conference proceedings	126	Proceedings of International Conference on Multidisciplinary	Penang, Malaysia	1-3 November 2012
37	Provash Kumar Karmokar, Mahendran Shitan	Long-run Relationship of the HYV Boro rice Yields In the Northern Region of bangladesh	conference proceedings	153	Proceedings of International Conference on Multidisciplinary Research 2012	Penang, Malaysia	1-3 November 2012
38	Ahmad Fauzi Mohd Ayub, Wan Hamzari Wan Hamid, & Mokhtar Hj. Nawawi	Gender and Internet Addiction: The Malaysian Experience	conference proceedings	164-169	Workshop Proceedings of the 20th International Conference on Computers In Education ICCE 2012	Singapore	26-30 November 2012
39	Shamsul Baharim Mohamed Anwar & Ahmad Fauzi Mohd Ayub	Penerimaan Pelajar Terhadap Penggunaan Facebook dalam Kalangan Pelajar di IIUM	conference proceedings	32-38	Proceedings of the Graduate Research in Education Seminar GREduc 2012	Faculty of Educational Studies Universiti Putra	18-Nov-12
40	Wan Hamzari Wan Hamid, Ahmad Fauzi Mohd Ayub & Mokhtar Hajj Nawawi	Hubungan Antara Harga Diri Dengan Pencapaian Akademik Dalam Kalangan Pelajar Di Institusi Pengajian Tinggi	conference proceedings	62-67	Proceedings of the Graduate Research in Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
41	Abdolreza Lessani, Aida Suraya Md Yunus, Rohani Ahmad Tarmizi & Rosnaini Mahmud	Comparison Of The Philosophy Of Mathematics Education Between Malaysia And Singapore Secondary Schools	conference proceedings	68-72	Proceedings of the Graduate Research In Education Seminar GREduc 2012	Faculty of Educational Studies Universiti Putra Malaysia	18-Nov-12
42	Shayesteh Hashemyolla, Azizan Asmuni, Shafee & Ahmad Fauzi Mohd Ayub	A Literature Review Effect Of Learning Management System On Students' Self Regulated Learning	conference proceedings	126-130	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
43	Mohd Kamalul Hafiz Abdul Rashid, Ahmad Fauzi Mohd Ayub & Wan Marzuki Wan Jaafar	Penggunaan Internet Dalam Kalangan Pelajar Sekolah Menengah Mengikut Gender	conference proceedings	137-142	Proceedings of the Graduate Research in Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
44	Ahmad Lutfi Ngah Ishak & Ahmad Fauzi Mohd Ayub	Kesedaihan Guru Dan Sokongan Terhadap Pelaksanaan Program LINUS Di Sekolah Rendah Kebangsaan Zon Pudu	conference proceedings	201-207	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
45	Farah Wahida Yahya & Ahmad Fauzi Mohd Ayub	Persepsi Guru Terhadap Perlaksanaan Kurikulum Standar Sekolah Rendah (KSSR) Dalam Kalangan Guru Tahun 1 Zon	conference proceedings	212-217	Proceedings of the Graduate Research in Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
46	B. Mohanasundram a/l Balakrishnan & Ahmad Fauzi Mohd Ayub	Sikap dan Kemahiran Pelajar Tingkatan Dua Terhadap Program ICTL	conference proceedings	247-253	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
47	Efa Elferda Abu Bakar, Ahmad Fauzi Mohd Ayub & Rosnaini Mahmud	Penggunaan Facebook Dalam Kalangan Pelajar IPTA	conference proceedings	309-314	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12

48	Liong Yaw Peng, Wong Su Luan & Ahmad Fauzi Mohd Ayub	Strategi Pembelajaran Dengan Pencapaian Akademik Pelajar : Sorotan Literatur	conference proceedings	327-331	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
49	Nurul Hafiza Ismail, Ahmad Fauzi Mohd Ayub, Wong Su Luan & Nadia Hidayah Mohd Arifin	Sikap Pelajar Terhadap Internet Dalam Kalangan Pelajar Sekolah Menengah	conference proceedings	406-410	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
50	Nadia Hidayah Mohd Arifin, Ahmad Fauzi Mohd Ayub, Wan Marzuki Wan Jaafar & Nurul Hafizah Ismail	Kegelisahan Pelajar Terhadap Komputer Dalam Kalangan Pelajar Tingkatan 4	conference proceedings	420-424	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
51	Rohayati Ismail, Ahmad Fauzi Mohd Ayub & Othman Talib	Budaya penggunaan TMK dalam Kalangan Guru di Negeri Selangor	conference proceedings	466-470	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
52	Jazilhan Mahat, Ahmad Fauzi Mohd Ayub & Wong Su Luan	Efikasi Kendiri Mobil Pelajar Terhadap M-Pembelajaran Dalam Kalangan Pelajar Di Universiti: Analisis Faktor Pengesahan	conference proceedings	661-665	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
53	Thilaghawathi a/p Duraisamy & Ahmad Fauzi Mohd Ayub	Keberkesanan Pendekatan Pembelajaran Koperatif Dalam Topik Adiktif Dalam Kalangan Pelajar Sekolah Rendah	conference proceedings	669-674	Proceedings of the Graduate Research In Education Seminar GREduc	Faculty of Educational Studies Universiti Putra	18-Nov-12
54	A. Remeli, N.M. Arifin, R. Nazar, F. Ismail	Marangoni Mixed Convection Boundary Layer Flow in a Nanofluid	conference abstracts	24	Regional Annual Fundamental Science Symposium 2012	Persada Johor International Convention Centre	10-13 December 2012
55	H. Amirhashchi, H. Zainuddin	An Interacting Two-fluid Scenario for Dark Energy In FRW Universe	conference abstracts	33	Regional Annual Fundamental Science Symposium 2012	Persada Johor International Convention Centre	10-13 December 2012
56	S. P. M. Isa, N. M. Arifin , R. Nazar	Mixed Convection Boundary Layer Flow of a Casson Fluid Near The Stagnation Point over A Permeable Surface	conference abstracts	64	Regional Annual Fundamental Science Symposium 2012	Persada Johor International Convention Centre	10-13 December 2012
57	Su Luan Wong, Ab Rahim Bakar, Ahmad Fauzi Mohd Ayub, Noor Ariffah Sapari, Priscilla Moses & Mas Nida Md. Khambari	Malaysian Students' Internet Use: Some Research Evidence	conference proceedings	98-104	Workshop Proceedings of the 20th International Conference on Computers in Education ICCE 2012	Singapore	26-30 November 2012
58	Jazilhan Mahat, Ahmad Fauzi Mohd Ayub & Wong Su Luan	Attitude Towards Mobile Learning Among Malaysian Higher Education Students: A Confirmatory Factor Analysis	conference proceedings	127-133	Workshop Proceedings of the 20th International Conference on Computers In Education ICCE 2012	Singapore	26-30 November 2012
59	Kamariah Abu Bakar, Ahmad Fauzi Mohd Ayub, Su Luan Wong	Malaysian Teachers' Professional Development in ICT	conference proceedings	157-163	Workshop Proceedings of the 20th International Conference on Computers In Education ICCE 2012	Singapore	26-30 November 2012
60	W.W. Wong and Hishamuddin Zainuddin	Correspondence Between Quaternionic and Complex Hopf Fibration For Two-Qubit System	conference abstracts	46	Asia Pacific Conference & Workshop In Quantum Information Science 2012 (APCQIS)	Pullman Putrajaya Lakeside, Malaysia	3 - 7 December 2012
61	S. Molladavoudi	Reduced Dynamics on the Symplectic Quotient of Three-Qubit Pure States	conference abstracts	47	Asia Pacific Conference & Workshop in Quantum Information Science 2012 (APCQIS)	Pullman Putrajaya Lakeside, Malaysia	3 - 7 December 2012
62	Ibrahim Nazem Ghadi, Kamariah Abu Bakar, Nor Hayati Alwi, Othman Talib	Gender Analysis of Critical Thinking Skills Instrument Among University Putra Malaysia Undergraduate Students	conference proceedings	238-243	Hong Kong International Conference on Education, Psychology and Society (HKCEPS)	SkyCity Marlott Hotel, Hong Kong	14-16 Disember 2012
63	Norhashila Hashim, Rimfiel Janlus, Russly Abdul Rahman, Azizah Osman, Mahendran Shitan and Manuela Zude	Evaluation of Chilling Injury in Bananas using Backscattered Laser Imaging	conference proceedings	674	International Conference On Agricultural and Food Engineering for Life (Cafei2012)	Hotel Palm Garden, Putrajaya	26-28 November 2012
64	Mahendran Shitan, Provash Kumar Karmokar	An Example of the weakness of long range forecasting using SARIMA models	conference abstracts	18	International Statistical Conference on "Statistics In Planing and Development: Bangladesh	University of Dhaka	27-29 Disember 2012

65	Md. Nazrul Islam Mondal and Mahendran Shitan	Birth Process Modeling for the Estimation of HIV Infection for Three Main Cities in Bangladesh	conference abstracts	28	International Statistical Conference on "Statistics in Planning and Development: Bangladesh Perspective"	University of Dhaka	27-29 Disember 2012
----	--	--	----------------------	----	--	---------------------	---------------------

e. Books

NO	AUTHORS	BOOK TITLE	PUBLISHER	ISBN
1	Dr. Abasalt Bodaghi	Module Amenability of Banach Algebras: Module Amenability, n -weak Module Amenability and Module Character Amenability for Semigroup Algebras	LAP Lambert Academic Publishing	978-384-841-445-1
2	Prof. Madya Dr. Mat Rofa Ismail	Rampalan Etnomatematik	UPM	978-967-344-280-5
3	Prof. Madya Dr. Rohani Ahmad Tarmizi	Etnomatematik & Etnosains di Alam Melayu	UPM	978-967-344-275-1
4	Isamiddin S.Rakhimov, Al Hossain Al Nashri, Kamel A. Mohd Atan	Derivations of Low-Dimensional Leibniz Algebras	LAP Lambert Academic Publishing	978-3-659-15270-2
5	Prof. Madya Dr. Hishamuddin Zainuddin	Sedasawara Kisah INSPEM 2002-2012	UPM	978-983-44069-2-9
6	Shafee Mohd Daud, Ahmad Fauzi Mohd Ayub	Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan	UPM	978-967-344-304-8
7	Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub, Syallza Adiha Tewiran	Isu Dalam Perkhidmatan Bimbingan dan Kaunseling	Neurox Publishing House	978-967-10997-0-4