Mathematics and Physics engineering department
Number of researches

The Report of Scientific Researches published internationally
82

Date of the publish	Authors	Publisher-Magazine	Name Of Research	Serial Number
2011	-Prof/Emad Khadr Elhafny Atia 2-Hesham Gomaa Mohamed Abd elwahd 3-Mohamed Ali Ali El Mesry 1	Physics Of Plasmas	Dust acoustic shock waves in two temperatures charged dusty grains	1
2011	1-Dr/Mohamed farahat Osman Ismael 2-Salah Sabry Ahmed Abbeh 3-Prof/Hamdi Ahmed Ahmed Elmekaty	ieee photonics technology letters	Highly Nonlinear Birefringent Soft Glass Photonic Crystal Fiber With Liquid Crystal Core	2
2011	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	ieee journal of quantum electronics	Coupling Characteristics of Dual Liquid Crystal Core Soft Glass Photonic Crystal Fiber	3
	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	ieee journal of lightwave technology	Polarization Rotator Based on Soft Glass Photonic Crystal Fiber With Liquid Crystal Core	4
2011	1-Ahmed Mohamed Abdallah Elsaid	Communication in nonlinear sciences and numerical ELSEVIER Simulation-	Homotopy analysis method for solving a class of fractionalpartial differential equations	5
	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	OPTICS LETTERS	Design of passive polarization rotator based on silica photoniccrystal fiber	6

Year	Authors	Journal	Title	No.
2011	1-Amr Refaat Turky Alsenbaty 2-Ahmed Mohamed Abdallah Elsaid 3-prof/Hamed Mohamed Hamed Atalla Nour	Communications in Nonlinear Science and Numerical Simulation-ELSEVIER	Effects of environmental fluctuation and time delay on ratio dependent hyperparasitism model	7
2011	1-Ahmed Ahmed Abd El Ftahn El Sroury 2-M.S. Morsi 3-W.A.Shehab El-Dein	Desalination and Water Treatment	Electrochemical degradation of some organic dyes byelectrochemical oxidation on a electrode^{2}Pb/PbO	8
2011	1-Prof/Emad Khadr Elhafny Atia 2-Hesham Gomaa Mohamed Abd elwahd 3-Mohamed Ali Ali El Mesry 4-Mohab Ebrahem Abou Al Maty	Communications in Theoritical Physics Vol. 55,	WavesDust Acoustic Solitary in Saturn F-ring's Region	9
2020	1-Ahmed Ahmed Abd El Ftahn El Sroury 2-Abd El Aziz Elsayed Elsayed Foda 3-Emad El-Katori	European Journal of Chemistry	Thiazole derivatives as corrosion inhibitors for C☐steel in sulphuric acid solution in	10
	1-Ibrahem Lutfi Hassan Alkla	Applied Mathematics and Computation 2010	New results on the analyticsummation of Adomian series for some classes of differential and integral equations	11
2010	1-Prof/ Adel Zaki Hafez Elsenbaty 2-Mostafa Ameen Mahmoud Diab 3-Mohamed Mohamed Abd el kadre	Spectrochimica Acta	Polymer complexes: XLXII-interplay of coordination _–_ stacking and hydrogen bonding in supramolecular assembly of [sulpha drug derivatives-N,S:N,O] complexes	12
2010	1-Merfat Mohamed	Physica A,		13

	Abou El kheir 2-Marwa Ali Abd ElWahab Esa 3-Mohab Ebrahem Abou El Maaty	Vol.389(4668-)	D graphical ۳representation of	
2010	2-Ahmed Mohamed Abdallah Elsaid	Computers and Mathematics with Applications-Elsevier	Variational iteration method for solving Riesz fractionalpartial differential equations	14
June	1-Prof/Emad Khadr Elhafny Atia 2--Prof/Mohab Ebrahem Abou El Maaty 3-Hesham Gomaa Mohamed Abd elwahd 4-Mohamed Ali Ali El Mesry	Applications and Applied Mathematics	Improved dust acoustic solitary waves in twofluids temperature dust	15
2010	1-Merfat Mohamed Abou El kheir 2-Marwa Ali Abd ElWahab Esa 3--Prof/Mohab Ebrahem Abou El Maaty	ELSEVIER - Chemical Physics Letters, Vol. 493(386-391)	Representation of protein sequences on latitude-like circles and longitude-like semi-circles	16
2010	1-Waleed Azat Raslan Abd El Gawad 2-Salah Adeen Helmi Abd Aallah 3-Ahmed Mohamed Ahmed Elsayed	Communications in nonlinear science and numerical simulation	A numerical algorithm for the solution of an intermediatefractional advection dispersion equation	17
2010	1-Prof/Emad Khadr Elhafny Atia 2--Prof/Mohab Ebrahem Abou El Maaty	Electronic Journal of Theoretical Physics	Propagation of Dust Acoustic Solitary Waves in Saturn F-ring's Region, M. I. Abo el Maaty, E. K. El-Shewy, H.G. Abdelwahed, and M. A.Elmessary, Electronic Journal of	18

			Theoretical Physics, Vol.. 27,7	
2010	1-Prof/ Adel Zaki Hafez Elsenbaty 2-Mostafa Ameen Mahmoud Diab 3-Mohamed Mohamed Abd el kadre 4-Naglaa Amamry Abd Kadr	..Mat. Chem. and Phys.	Stackingπ -π Polymer Complexes: XLXII-interplay of Coordination and Hydrogen Bonding in Supramolecular Assemply of [sulpha drugDeravatives-N,S:N,O] Complexes	19
	1-Ibrahem Lutfi Hassan Alkla 2-A.M.A El-Sayed 3-E.A.A Ziada.	Applied Numerical Mathematics -2010	Analytical and numerical solutions of multi-term nonlinear fractional orders differential equations	20
2010	1-Waleed Azat Raslan Abd El Gawad 2-Salah Adeen Helmi Abd Aallah 3-Ahmed Mohamed Ahmed Elsayed	Computers and Mathematics with Applications	Adomian's decomposition method for solving an intermediate fractional advection_dispersion equation	21
2010	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	IEEE Journal of Lightwave technology	Analysis of Polarization Rotator Based On Nematic Liquid Crystal Photonic Crystal Fiber	22
	1-Mohamed Mohamed ElMotwally 2-Adel Mohsen	Comput. Math. Appl	ONTHeNUMERICAL SOLUTION OF Linear and nonlinear VOLTERRA INTEGRAL AND INTEGRO-DIFFERENTIAL EQUATIONS	23
2010-	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	IEEE Photon. Technol. Lett	Beam Propagation Analysis of Polarization Rotation in SoftGlass Nematic Liquid Crystal Photonic Crystal Fibers	25

2010	3-Mohamed Mohamed Abd el kadre 2-Ibrahem Gar El Alaam Rashed Abdallah 3-Akunna,J	Desalination and Water Treatment	Efficiency Improve of Hydrolysis in Anaerobic Digestion Process for Swage Sludge by Using Enzymes	25
2010	1-Prof/ Adel Zaki Hafez Elsenbaty 2-Mostafa Ameen Mahmoud Diab 3-Mohamed Mohamed Abd el kadre	Spectrochimica Acta Part A	Polymer complexes: XLX. Novel supramolecular coordination modes of structure and bonding in polymeric hydrazone complexessulphadrugs uranyl	26
2010	3-Mohamed Mohamed Abd el kadre	Desalination	Study of Adsorption Isotherms and Kinetic Models for Methelyne Blue Adsorptionon Activated Carbon Developed IIfrom Egyptian Rice Hull, Part	27
	3Prof/Mohab Ebrahem Abou El Maaty Hameed,M.F.O. Obayya, S.S.A,AL Begain, K, Nasr A.M. M.L.Abo El Maaty	IET Optoelectronics	Coupling characteristics of a soft glass nematic liquid crystalphotonic crystal fibre coupler, IET, ‹Optoelectronics, Vol. 3	28
2009	3- Prof/Mohab Ebrahem Abou El Maaty Hameed,M, Obayya S AL-Beggain,K,Aboel A.M.Maaty,M.l, Nasr	IEE/OSA Journal of Lightwave Technology, Volume ,No.27,2007 ‹	Modal Properties of an Index Guiding Nematic Liquid CrystalBased Photonic Crystal Fiber	29
2009	Prof/Sumia Mustafa Ibrahem	SPIE Paper Number: 7378A-	IR analysis of polyvinylidene floide doped with transitionmetal halides	30
2009	Prof/Sumia Mustafa Ibrahem	SPIESPIE Paper Number: 7378 A-31	X-ray analysis of polyvinylidene floide doped X-ray analysis of polyvinylidene floide	31

			doped with transition	
2008	Mohab Ebrahem Abou El Maaty Hameed,M.F.O.	ISpringer, Optical and Quantum Electronics, V. 40 .September 2008 Nrs. 11-12	Accurate radial basis function based neural network approachfor analysis of photonic crystal ?bers	32
	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed nasr Agour 4-K.Al-Begain	Optical and Quantum Electronics Journal	Accurate Radial Basis Function Based Neural Network Approach for Analysis of Photonic Crystal Fibers	33
2009	1- Prof/Merfat Mohamed Abou El kheir	J Supercond Nov Magn	Effect of melt processing programme on microstructure and properties of YBCO thickand films	34
2009	Prof/Sumia Mustafa Ibrahem	supercond Nov Magn	Effect of melt processing on microstructure and properties of YBCO thic fil	35
2009	Prof/Sumia Mustafa Ibrahem		Melt processing of YBCO thick films fabricated by Sol Gelpowder on YSZ Route	36
	1- Prof/Merfat Mohamed Abou El kheir	J Supercond Nov Magn	Melt processing of YBCO thick films fabricatedby sol gel routepowder on YSZ	37
	1-Ibrahem Lutfi Hassan Alkla	International Journal of Nonlinear Dynamical ChaosSystems and	New Approach for Convergence of Adomian Method Applied to a Class of Fractional Differential Equations.	38
	Mohamed El-gamel Mohamed Mohamed Elmotwaly Elgamel	Appl. Math. Comput. 187	Sinc and the numerical (15)	39
	-Dr/Mohamed farahat Osan Ismael	Thin Solid Films	Characterization of Photoactive Polymer	40

	2-Hamed Ebrahem Abd Elkadr 3-Aabd Mohamed nasr Agour		Thin FilmsTransmissin Spectrum Using	
2006	- Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		On the time for fold surfaces to order during the crystallization of polyethylene from the melt and its dependence on molecular parameters	41
2005	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		Evidence for Isothermal Lamellar Thickening at and behind the growth front as Polyethylene Crystallizes from the Melt	42
1/3/2004	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		Differential Initial Fold Surface Ordering: A New MorphologicalIndicator	43
2003	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		New Contexts for Polymer Crystallization	44
2003	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		Wavelets Based solution for the Backward Head Conductionproblems	45
2003	Boshra Abd ElmoamenAbd Elhameed		On Cellulation and Banding during Crystallization of Linear-Low-Density Polyethylene from Linear Nuclei	46
2002	Mohab Ebrahem Abou El Maaty Polymer,Vol		Real-time Observations of the Kinetics and DevelopingMorphology of Spherulites of Polyethylene Copolymer	47
2002	Mohab Ebrahem Abou El Maaty		A counter-Intuitive Asymmetric Habit of	48

	Polymer,Vol		Spherulites in Polyethylene Blends	
2002	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		On Fold Surface Reordering and Isothermal Lamellar Thickening during the Crystallization of Linear Low-Density Polyethylenes from theMelt	49
2001	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006D.C .Bassett,2006		On Interfering Nuclei and their Novel Kinetics during theCrystallization of Polyethylene from the Melt	50
2001	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		On Fold Surface Ordering and Re-ordering during theCrystallization of Polyethylene from the Melt	51
2001	Mohab Ebrahem Abou El Maaty P.J. Hine,I.M. Ward,M Olley and D.C.Bassett,2006		The Hot Compaction of Dimensional Woven Melt Spun Modulus Polyethylene High Fibres	52
2000	Mohab Ebrahem Abou El Maaty D.C.Bassett,2006		On Pulsating Growth Rates in Banded Crystallization ofPolyethylene	53
2001	Dr/Ibrahem Abd Elhe Ahmed Awadi M.B.ABO-MALEK	Proceedings of Institute of Mathematics of NAS of Vol. 30 20000Ukraine،Part	Electro-Static Potential Between Two Conducting Cylinders via the Group Method Approach	54
1999	Mohab Ebrahem Abou El Maaty Polymer,Journal		On Stable and Unstable Growth of Row Structures of LinearDensity polyethylensLow	55
1999	Mohab Ebrahem		On The Internal	56

	Abou El Maaty Olley and D.C. Basset1999 journal		Morphologies of High-Modulus Polyethylene andPolypropylene Fibres	
1999	Boshra Abd ElmoamenAbd Elhameed		An Exact Solution to the Kuramoto-Sivashinsky Equation	57
1999	Mohab Ebrahem Abou El Maaty D.C Basset2002,		On Cellulation in Polyethylene Spherulites	58
1998	Mohab Ebrahem Abou El Maaty Polymer,vol		A Unified Context for Spherulitic Growth in Polymers	59
1997	Mohab Ebrahem Abou El Maaty Polymer,vol	Symmetry in Nonlinear Mathematical Physics, 1997	Group Method Analysis of the Potential Equation in TriangularRegions	60
1997	Mohab Ebrahem Abou El Maaty Olley and D.C. Basset2001, journal		Measurement of Uranium fuel elements without use ofmaterial standards nuclear	61
1997	Mohab Ebrahem Abou El Maaty D.C. Basset2001,		The Effect of Molecular Weight on The Deformation Behavior ofPressure Annealed Polyethylene	62
1996	Mohab Ebrahem Abou El Maaty D.C. Basset2001,		The Hot Compaction of Polypropylene Fibres	63
	Mohab Ebrahem Abou El Maaty Olley and D.C. Basset		On The Formation of Defects in Drawn Polypropylene Fibres	64
2000	Mohab Ebrahem Abou El Maaty and D.C. Basset2000		A Convective-Advective Balance Approach for Solving Some Nonlinear Evolution Equations Analytically	65
1995	Dr/Ibrahem Abd Elhe Ahmed Awadi	IL Nuovo Cimento B Mathematical Physics Italy	A Simplified Mathematical Analysis of Heat Diffusion	66

				inComposite Cylinders	
1997	Mohab Ebrahem Abou El Maaty Olley and D.C. Basset1999journal	International Conference on pure and Applied Bahrain Mathematics	Analytic solution of the hyperbolic partial differentialequation under periodic surface oscillation		67
2010	Osama Badeea ShafeekAbou Elata Magdi Salah Al Azab Sawan W.Abbas Adel A.Meaahed	Proceedings of the World Congress on Engineering WCE2010), The International Conference of	Application of genetic algorithms to the optimal design of vehicle's driver-seat suspension model		68
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr Al Agour 4-K.Al Begain	IET Optoelectron. ،Journal	Coupling Characteristics Of A Soft Glass Nematic Liquid Crystal Photonic Crystal Fibre Coupler		69
2010	Osama Badeea ShafeekAbou Elata Magdi Salah Al Azab Sawan W.Abbas Adel A.Meaahed	International Journal of Applied Mathematics and Physics) IJAMP), Global Physics Research Publications, Vo l2. No. 1	Development of Biodynamic Seated Human Model in the Vertical Direction Using Genetic Algorithms		70
2007	1-Ibrahem Lutfi Hassan Alkla	Applied Mathematics E-Notes	Error Analysis of Adomian Series Solution Applied to a Class of nonlinear differential equations		71
2001	Boshra Abd ElmoamenAbd Elhameed	Computer Mathematics and Application, (USA	Exact Solutions of Some Nonlinear Evolution Equations using Symbolic Computations		72
1997	Boshra Abd ElmoamenAbd Elhameed	Int. J. of Computer Algebra in Mathematics Education, No.24 (UK), v	Generalized finite integral transform for partial differential equations using Computer Algebra Systems		73

1999	Boshra Abd ElmoamenAbd Elhameed	Third International Scientific Conferenc Cairo Al-Azhar University	Homogeneous Balance Approach for Mapping Some Nonlinear Evolution Equations to Linear Equations	74
1997	Boshra Abd ElmoamenAbd Elhameed D. Fausset- M. Amer	Parallel Computing, (USA), v22	Implementation of the Kronecker Product Technique for Numerical Solution of Parabolic Partial Differential Equations	75
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr Al Agour 4-K.Al Begain	IEEE Journal of Lightwave technology	Modal Properties of a Novel Index Guiding Nematic LiquidCrystal based Photonic Crystal Fiber	76
2000	1-Merfat Mohamed Abou El kheir 2-I Badawy	Applied MathematicalModelling (uk	Modelling Non-Fourier Heat Conduction with Periodic Thermal Oscillation using Finite Integral transform	77
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh R. J.Wiltshire	Optical and Quantum Electronics Journal	Multiplexer-Demultiplexer Based on Nematic Liquid Crystal Photonic Crystal Fiber Coupler	78
1999	Mohab Ebrahem Abou El Maaty	Far East Journal of Mathematical Sciences(India)	Numerical Scheme to the Exact Boundary control of ParabolicPartial Differential Equations	79
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	IEEE Photonics journal	Polarization Splitter Based on Soft glass Nematic LiquidCrystal Photonic Crystal Fiber	80
	-Prof/Emad **Khadr** Elhafny Atia 2-Hesham Gomaa	Astrophysics and Space Science	Solitary solution and energy for the Kadomstev-	81

			Petviashviliequation in two temperatures charged dusty grains	
	Mohamed Abd elwahd 3-Mohamed Ali Ali **El** Mesry Mohab Ebrahem Abou El Maaty			
1997	Boshra Abd ElmoamenAbd Elhameed	Appl. Math. Modelling, (UK) v 21	Transient temperature distribution of periodic heat diffusion in a flat plate	82

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74

Date of publish	Authers	Magazine-publisher	Name of Reseach	Serial Number
2011	Sameh	Microelectronics Journal	Design and Simulation of a Universal N-Bit Binary Encoder Using Single Electron Linear Threshold Gates	1
2011	Eman Fadl Sameh Ahmed	ieee 11the international	Rough Set Analysis and Cloud Model Algorithm to Automated Knowledge for Classification IRIS to Achieve High Security	2
2011	Mohamed Salah Hamdi	ieee photonics technology letters	Highly Nonlinear Birefringent Soft Glass Photonic Crystal Fiber With Liquid Crystal Core	3
2011	Mohamed Salah	ieee journal of quantum electronics	Coupling Characteristics of Dual Liquid Crystal Core Soft Glass Photonic Crystal Fiber	4
2011	Mohamed Salah	ieee journal of lightwave technology	Polarization Rotator Based on Soft Glass Photonic Crystal Fiber With Liquid Crystal Core	5
2011	Mohamed Salah	optics letters	Design of passive polarization rotator based on silica photonic crystal fiber	6
2011	Sameh	the 6th International Conference on Design	The Design of Logic Gates Using Single Electron Box (SEB (Nano-Devices	7
2011	Hala B. Nafee	The Mediterranean	Performance of	8

	fayez	Journal of Electronics and Communications) MEDJEC) 301-Vol.967,No.2PP	IEEE803.16m WiMAX Using Adaptive Modulation	
2010	Sameh	the 22 InternationalMicroelectronics (ICM 2010) Cairo, Egypt, December 19	A Single Electron ANN Majority Logic Gate (MLG(	9
	Sameh	the Conference on Microelectronics (ICM 2010) Cairo, Egypt, December-22nd International	The Implementation of ٢-Bit Decoders Using Single Electron	10
20111	Nehal Fayez	Applied physics A, materials and science processing	Rectangular patch antennas over electromagnetic band gap structures	11
	Sameh	the 11th biennial 2010Asia Pacific Conference on Circuits and Systems (IEEEAPCCAS 2010, Kuala Lumpur, Malaysia, DecemberIEEE	An ANN Majority Logic Gate (MLG) Using Single Electron Nano-Devices	12
2010	Mohamed Salah	IEEE Journal of Lightwave technology	Analysis of Polarization Rotator Based On Nematic Liquid Crystal Photonic Crystal Fiber	13
2010	Nehal Fayez	Meta' 10confernce	Microstrip Patch Antennas over EBG Structures	14
2010	Mohamed Salah	IEEE Photon. Technol. Lett	Beam Propagation Analysis of Polarization Rotation in Soft Glass Nematic Liquid Crystal Photonic Crystal Fibers	15

	Mohamed Salah	Optical and Quantum Electronics Journal	Accurate Radial Basis Function Based Neural Network Approach for Analysis of Photonic Crystal Fibers	16
2009	Nehal Fayez	SETIT 2009	Ultra flattened dispersion honey comb lattice photonic crystal fiber," In the international conference, Sciences of Electronics, Technologies of information and Telecommunication – 'SETIT '2009	17
2009	Mohamed Ibrahem Hosam		The benefit of Picasso's artistic work in creating printing textile cloth which is available to design women soirée clothes	18
2007	Sameh	Poster in the 2nd Annual	A Novel Half-Adder Using Single Electron Tunneling (SET (Technology	19
2006	Sameh Hosam	Proceedings of the Proceedings of the 6th wseas International Conference on Wavelet Analysis & Multirate Systems, Bucharest, Romania6th	Applying Image Fusion Techniques for Detection of Hepatic Lesions	20
2005	Mohamed Abd El Azeem B.K.ouda	IEEE International Conference of the	Analysis of functional MRI data using Hilbert-Huang transforms	21
2006	Mohamed Abd El Azeem B.K.ouda	The International World Conference (WC), Seoul, South-Coria	Denoising Functional MRI: A Comparative Study of Denoising D(٢Techniques (	22
2004	Shereif Elsayed	Optics Eng	Robust and secure	23

	Bahram Javidi		two-dimensional barcode system	
2005	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of IEEE-INNS-ENNS International Joint Conference on Neural Networks, Como, Italy	Fast Modular Neural Networks for Human Face Detection	24
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of IEEE International Symposium on Circuits Geneva,.and Systems	Automatic Face Recognition System Using Neural Networks	25
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of IEEE International Symposium on Circuits Geneva,.and Systems	Fast Modular Neural Networks for Face Detection	26
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of IEEE International Symposium on Circuits Geneva,.and Systems	Modular Neural Networks for Solving High Complexity Tasks	27
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of fhe second International ICSC Symposium on NEURAL COMPUTATION, at the Technical University of Berlin, Germany	Integrating Fourier and PCA with Neural Computing for Face Recognition	28
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of second International ICSC Symposium on NEURAL COMPUTATION at the Technical University of Berlin, Germany, pp. ٥١٨ -٥٢١	Integrating Fourier and Wavelet Features with Neural Computing for Face Recognition	29
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	17th National Radio Conference, Menofiaa, Feb. -22-24, 2000	ntegrating Fourier Descriptors and PCA with Neural Networks for Face Recognition	30
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of the 12th International Conference on Microelectronicscs ،pp.	Automatic Face Recognition Using Neural Networks	31

		105-108, Kuwait		
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of The International Conference on Microelectronics Tunisia٩٨ICM'	Design of Neural Networks for Character Recognition	32
	Mohi Eldein Hazem Mokhtar Mohamed S.Kamel	Proc. of the 6th InternationalConferenc e on Computer Theory and Applications, Alex., Egypt	A modified Simulated Hamming Network for Pattern Recognition	33
1994	Sameh Ibrahim J.A Barby M.I.Elmasry	Proceedings of the ٧th Annual IEEEInternational ASIC Conference and Exhibit, Rochester, NY	AHDL Modeling to Support Top-Down Design of Mixed-Signal ASICs	34
1994	Sameh Ibrahim J.A Barby MMASalama	ASSURE'94 Stevenson, WA	AHDL Approach to Solving Simulation and Modeling Case ٢Problems: Studies	35
1994	Munir Mohamed Fatmah Elzahraa Ezzat FA.	Frontiers of Medical and Biological Engineering	A Pattern-analysis Methods for Esophageal Motility Records	36
1993	Sameh Ibrahim M.I.Elmasry	The Fifth International Conference on Microelectronics) ICM'93), Dhahran, Saudi	VLSI Zip-Code Recognition System Using Artificial Neural Network	37
1993	Sameh Ibrahim M.I.Elmasry	Proceedings of the 36th MidwestMidwest Symposium on Circuits and Systems, Windsor, USA	VLSI Implementation of A Modular ANN Chip for Character Recognition	38
1993	Sameh Ibrahim M.I.Elmasry	The 1993World Congress on NeuralNetworks (WCNN'93), Portland ،Oregon,	VLSI Implementation of a Prototype MLP Using Novel Programmable Switched-Resistor	39

			USA	CMOS ANN Chip	
1988	Sameh Ibrahim Mohi Eldein Abd El ftah Ibrahem		Proceedings of the 31st Midwest Symposium on Circuits and Systems,	A Switched Resistor High Quality Simulated Inductor and Some Applications	40
1987	1-Munir Mohamed Kester R.C.		IEE Processing	Microwave Thermography in Medical Applications	41
1985	Sameh Ibrahim J.A Barby MMASalama		Records of the Microelectronics Conference (85))MICONEX' ,Winnipeg,Canada	A General Cut-Through Switching Technique for Computer Networks	42
1985	Ahmed Mohamed Ali H.T. Mouftah		IEEE Proceedings	A Modified Two-Moment Approach for Constant Service Tandem Queues	43
2008	1-Ahmed shaban Madian 2-A.S.Samara		ICSE conference	All Optical Logic gGates using Diffraction Grating Fabricated by Ion -Exchange Technique.	44
2006	Rashed Mokhtar Noha Ahmed El Dosiki Prof/Assoc Abd elhamed Shalaan Prof/Roumen Kountchv		ICEST 2006	Amethod for digital image compression with IDP decomposition Based on Radial basis Function NN's "	45
2009	1-Ahmed shaban Madian 2-A.S.Samara H.A.Harb		mediterranean journal of computers and networks	Analysis of wide band flat Raman amplifier with forward pumping for DWDM communication networks	46
1984	1-Ahmed Mohamed Ali 2-H.T.Mouftah		Records of the Twelfth Biennial Symposium on Communications,Quee n University,Kingston,Ont	Approximate Analysis for Constant Service Queueing Systems	47

		Canada		
1984	1-Ahmed Mohamed Ali 2-H.T.Mouftah	Digest of the IEEE Conadian Communication and Energy Conference(ICEC'84Montreal	Approximate Message path Delays in Packet Switching Communiaction Networks	48
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr Al Agour K.AL Begain	IET Optoelectron. Journal	Coupling Characteristics Of A Soft Glass Nematic Liquid Crystal Photonic Crystal Fibre Coupler	49
1988	1-Ahmed Mohamed Ali 2-H.T.Mouftah	Canadian Journal for Elec.and comp. Eng.	Delay Analysis for Interfered Paths Under General Cut-Through Switching	50
1987	1-Ahmed Mohamed Ali 2-H.T.Mouftah	IEEE Trans. Communications	Delay Analysis Under a General Cut-Thorough Switching Technique	51
1984	1-Ahmed Mohamed Ali 2-M.M.Fahmy	IEEE Transactions on Circuits and System	Design of FIR Two-Dimensional Digital Filters by Successive Projections	52
	1-Ahmed Mohamed Ali 2-H.T.Mouftah	J. of Magnetism and Magnetic Materials	Dynamics of Two Interacting Bubble Domains	53
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr Al Agour K.AL Begain	IEEE Journal of Lightwave technology	Modal Properties of a Novel Index Guiding Nematic Liquid Crystal based Photonic Crystal Fiber	54
1993	Sameh Ibrahim M.I.Elmasry	Neural, Parallel & Scientific Computations Journal, Vol .	Modular SR ANN Chip for CharacterRecognition Using Novel Parallel VLSI Architecture	55

2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr Al Agour K.AL Begain	Optical and Quantum Electronics Journal	Multiplexer-Demultiplexer Based on Nematic Liquid Crystal Photonic Crystal Fiber Coupler	56
1993	Sameh Ibrahim M.I.Elmasry	Electronics Letters, Vol 28 .13	Novel CMOS Sampled-Data VLSI Implementation of ANNs	57
2009	Ahmed shaban Madian A.S.Samra , S.H.Haggag , M.Elzalabany		Optical Not , NAND , XOR , and Digital Adder Based on Prism loaded multilayer slab waveguides and Electro-Optic Beam Deflector	58
1984	1-Ahmed Mohamed Ali 2-H.T.Mouftah	Proceedings of the IEEE Global Telecommunication Conference(GLOBECOM' 8),Atlanta	Performance of Constant Service Queueing Systems	59
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	IEEE Photonics journal	Polarization Splitter Based on Soft glass Nematic Liquid Crystal Photonic Crystal Fiber	60
1982	1-Ahmed Mohamed Ali 2-M.M.Fahmy	Proceedings of the IEEE International Conference on Acoustics,Speech and Signals PProcessing(ICASSP' '83.),Boston,MA	Synthesis of FIR Two-Dimensional Digital Filters by SuccessiveProjections	61
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-Aabd Mohamed Nasr	IET Optoelectron. Journal،	Coupling Characteristics Of A Soft Glass Nematic Liquid Crystal Photonic Crystal Fibre Coupler	62

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1988	1-Ahmed Mohamed Ali 2-H.T.Mouftah	Canadian Journal for Elec.and compEng	Delay Analysis for Interfered Paths Under General Cut-ThroughSwitching	63
1988	1-Ahmed Mohamed Ali 2-H.T.Mouftah	IEEE Trans. Communications	Delay Analysis Under a General Cut-Thorough Switching Technique	64
2009	1-Ahmed Mohamed Ali 2-M.M.Fahmy	IEEE Transactions on Circuits and System	Design of FIR Two-Dimensional Digital Filters by Successive Projections	65
1982	Munir Mohamed Shabana M	J. of Magnetism and Magnetic Materials	Dynamics of Two Interacting Bubble Domains	66
2009	1-Ahmed Mohamed Ali 2-H.T.Mouftah	IEEE Journal of Lightwave technology	Modal Properties of a Novel Index Guiding Nematic Liquid Crystal based Photonic Crystal Fiber	67
1993	Sameh Ibrahim M.I.Elmasry	Neural, Parallel & Scientific Computations Journal, Vol .	Modular SR ANN Chip for Character Recognition Using Novel Parallel VLSI Architecture	68
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh 3-R.J.Witshire	Optical and Quantum Electronics Journal	Multiplexer-Demultiplexer Based on Nematic Liquid Crystal Photonic Crystal Fiber Coupler	69
1992	Sameh Ibrahim M.I.Elmasry	Electronics Letters, Vol. 28, No. 13	Novel CMOS Sampled-Data VLSI Implementation of ANNs	70
2009	Ahmed Shaaban A.S.SAMRA s.h.Haggag, M.Elzalabany		Optical Not , NAND , XOR , and Digital Adder Based on Prism loaded multilayer slab	71

			waveguides and Electro-Optic Beam Deflector	
1984	1-Ahmed Mohamed Ali 2-H.T.Mouftah	Proceedings of the IEEE Global Telecommunication Conference(GLOBECOM'84),Atlanta	Performance of Constant Service Queueing Systems	72
2009	1-Dr/Mohamed farahat Osan Ismael 2-Salah Sabry Ahmed Abbeh	IEEE Photonics journal	Polarization Splitter Based on Soft glass Nematic Liquid Crystal Photonic Crystal Fiber	73
1984	1-Ahmed Mohamed Ali 2-M.M.Fahmy	Proceedings of the IEEE International Conference on Acoustics, Speech and Signals Processing(ICASSP'83), Boston,MA.	Synthesis of FIR Two-Dimensional Digital Filters by Successive Projections	74
1994	Sameh Ibrahim M.I.Elmasry	Kluwer Academic Publishers	VLSI Artificial Neural Networks Engineering (Book), A Sampled-Data CMOS VLSI Implementation of a Multi-Character ANN Recognition System (Chapter title	

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Date of the publish	Authors	Publisher-Magazine	Name Of Research	Serial Number
2011	Emad El said Ossama Hosny -Ahmed Elhakeem -Mohamed Emam Abd-Elrazek -Ahmed Abdullah	Construction Management and Economics, Routledge	Selection of slab formwork system using fuzzy logic	1
2011	Emad El said Mahmoud Hussini	Automation in Construction, Elsevier	Integrated Visualized Time Control System for Repetitive Construction Projects	2
2010	Emad El said Tarek Hegazy -Donald Grierson	Seventh International Conference on Engineering Computational Technology, Sep. 17 4, 2010, Valencia,	A New Evolutionary Strategy for Pareto Multi- Objective Optimization	3
2010	Emad El said Mahmoud Hussini	2 nd International Conference on Construction In Developingon Countries (ICCIDC-II), Aug -3 , Cairo, Egypto	Automated BIM and GIS-Based nD Visualization System for Controlling Repetitive Construction Projects	4
2010	Emad El said Mahmoud Hussini	the 35th Annual Meeting of the Australasian Universities	Construction Performance Monitoring Based on Fuzzy Control Chart	5
2010	Mohamed Ahmed MohamedMike Schlaich	Proceeding of 3rd International fib Conference, Washington DC 3rd USA	Behaviour of Joints between Lightweight Concrete Beams and Normal Concrete Columns in Seismic Regions	6

2010	Mohamed Ahmed Mohamed Prof. Mike Schlaich	Proceeding of 3rd International fib Conference, Washington DC USA،	Experimental and Analytical Behaviour of Lightweight Concrete Beams Reinforced with Glas-Fiber Rods	7
2008	Emad El said Mohamed Tantawy	11 th Arab StructuralEngineering Conference, 37 -،October 25Dhahran, KSA	Integrated Asset Management Framework	8
1999	Emad El said - Tarek Hegazy	43 rd AACE InternationalAnnual Conference, June - 27 CO, ،30, Denver USA	Genetic Optimization of Site Layout Planning	9
2009	Mohamed El Agroudy Emad El said -Mohamed Emam Abd El Razek	the Fifth International Conference on Construction in the 21st Century, May 22 -20,	Fuzzy Logic Approach for Contractor Selection	10
2009	Prof. Mike Schlaich Mohamed Ahmed Mohamed	Journal ACHE, Spain	Infralightweight Concrete Applied to Cast-in-situ Structural Elements with Fair-Faced Surfaces and Good Thermal Insulation	11
2008	Emad El said Ehab Elkas	The Sixth International Conference on Engineering Computational Technology, Sep. 5 3, Athens, Greece	Cost Optimization of Projects with Repetitive Activities Using Genetic Algorithms	12
2008	Prof. Mike Schlaich Mohamed Ahmed Mohamed	Proceeding of the International fib Symposium 2008, Amsterdam The،	The Sixth International Conference on Engineering Computational Technology, Sep. 3-5 Athens, Greece	13

2008	Prof. Mike Schlaich Mohamed Ahmed Mohamed	Proceeding of the International fib Symposium 2008	Infra-Lightweight Concrete	14
2008	Emad El said Mohamed Tantawy	Second Conference on Project Management,5th April	Asset Management: The Ongoing Crisis	15
2008	Prof. Mike Schlaich Mohamed Ahmed Mohamed	Journal of Beton und Stahlbeton, 3Vol.	Infraleichtbeton	16
2008	Emad El said	First Conference on Project Management: the Future Trends in the Project Management, April ,7 -11	Evolutionary Algorithms for Large-Scale Optimization in Construction Management	17
2007	Emad El said Tarek Hegazy -Donald Grierson	Journal of Structure and Infrastructure Engineering, Taylor 8 Francis	A Modified Shuffled-Frog-Leaping Optimization Algorithm :Applications to Project Management	18
2007	Hatem Elbehairy Emad El said Tarek Hegazy -Donald Grierson	Journal of Computer-Aided Civil and Infrastructure Engineering	Comparison of Two Evolutionary Algorithms for Optimization of Bridge Deck Repairs	19
2006	Hatem Elbehairy Emad El said Tarek Hegazy - Khaled Soudki	International Conference on Computing in Civil Engineering، July 15 -12,	Evolutionary Algorithms for Optimizing Bridge Deck Rehabilitation	20
2005	Emad El said Tarek Hegazy -Donald Grierson Khaled Soudki	1 st Infrastructure Specialty Conference of the Canadian	Alternative Formulations for Large Scale Optimization of Infrastructure Maintenance	21
2005	Emad El said Tarek Hegazy -Donald Grierson	Journal of Advanced Engineering Informatics,	Comparison among Five Evolutionary-Based Optimization Algorithms	22

		Elsevier Science		
2005	Emad El said Tarek Hegazy Kehui Zha	journal of Construction Engineering and Management, ASCE	Keeping Better Site Records Using Intelligent Bar Charts	23
2005	Emad El said Tarek Hegazy -Donald Grierson	Transportation Research Record: Journal of the Transportation Research Board, No. 1866 TRB, National Research Council	Bridge Deck Management System with Integrated Life Cycle Cost Optimization	24
2004	Emad El said Tarek Hegazy Ahmed Elhakeem	Journal of Construction Engineering and Management, ASCE	Dynamic Layout of Construction Temporary Facilities Considering Safety	25
2004	Tarek Hegazy Ahmed Elhakeem Emad El said	Journal of Construction Engineering and Management, ASCE	Distributed Scheduling Model for Infrastructure Networks	26
2004	Mohamed Attalla Emad El said Hatem El-Behairy	83 rd Transportation Research Board Annual Meeting, TRB, Jan 15و11 Washington, D.C., USA	Bridge Deck Management System with Integrated Life Cycle Cost Optimization	27
2004	Mohamed Attalla Emad El said Hatem El-Behairy	Journal of Management in Engineering, ASCE	In-House Delivery of Multiple-Small Reconstruction Project	28
2004	Mohamed Attalla Ahmed Elhakeem Tarek Hegazy Emad El said	9th Arab Structural Engineering Conference (CDROM), ASEC, Nov – 29 Dec1 Abu Dhabi, UAE	Optimum Resource Planning for Large Infrastructure Maintenance/Construction Operation	29
2004	Mohamed Attalla	5 th Construction	Delivering Projects	30

	Ahmed Elhakeem Tarek Hegazy Emad El said	Specialty Conference of the Canadian Society of Civil	with Quality and Safety	
2003	Tarek Hegazy Emad El said	5 th Construction Specialty Conference of the Canadian	Optimum Layout Planning for Irregular Construction Sites	31
2003	Said Eldein Osama Osman Shaalan Yasser El-ashkar AshrafElsheehy	Tenth International Colloquium on Structural and Geotechnical Engineering	Experimental and Numerical Investigation of Curved Composite Box Girder	32
2003	Sherief Sakla . Emad El said	Journal of Computers and Structures, Elsevier Publisher	Design of Steel Roofs Subjected to Drifted Snow Using Genetic Optimization	33
2003	Tarek Hegazy Emad El said	the First International Conference on construction in the 21st Century, April 25-26	Incorporating Safety into Construction Site Management	34
2003	Mohammad Ammar. Emad El said	Journal of Computing in Civil Engineering, ASCE	Algorithm for Determining Controlling Path Considering Resource Continuity	35
2001	Emad El said Tarek Hegazy -Abdel Hady Hosny -Adel Eldosouky	Journal of Construction Management and Economics	Schedule-Dependent Evolution of Site Layout Planning	36
2001	Emad El said	Computer-Aided Civil and Infrastructure Engineering Journal	Algorithm for Determining Controlling Path Considering Resource Continuity	37
2000	Tarek Hegazy -Abdul Karim Shabeeb Emad El said Tariq Cheema	Journal of Construction Engineering and Management, ASCE	Algorithm for Scheduling with MultiSkilled Constrained Resources	38

2000	Fakhreddine Karray -Essam Zaneldin Tarek Hegazy -Abdulkarim Shabeeb Emad El said	the American Control Conference 2000 ACC	Intelligence Tools for Solving the Facilities Layout Planning Problem	39
2000	Tarek Hegazy Emad El said Fakhreddine Karray -Essam Zaneldin Tarek Hegazy -Abdulkarim Shabeeb	IEEE Transactions on Fuzzy Systems	Tools of Soft Computing as Applied to the Problem of Facilities Layout Planning	40
2000	Tarek Hegazy Emad El said	Cost Engineering Journal, AACE International	Simplified Spreadsheet Solutions: A Model for Site Layout Planning	41
2001	Said Eldein Nabel Sayed Mahmoud	on Structural Fourth Alexandria International Conference on Structural and Geotechnical Engineering , pp. 348 -333 April 2001Faculty	An Experimental Study for Steel Box Girders Stiffened in the Compression Zone	42
1983	Ahmed Hassaneen	civil Engineering Research Magazine, Faculty of EL-ًEngineering AZHAR	Internal Pressure of a Fan Ventilated Building Under wind Effect	43
2003	Ahmed Hassaneen	Abu Dhabi, United Arab Emirates, pp. .1103 -1095	Technical and Economical Benefits of One-Day Concrete	44
	Ahmed Hassaneen -M. P. Douglass	Occasional Paper No. (5),	The Validity of Using Reduced Scale Physical Models in Ventilation Studies	45

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Date of the publish	Authors	Magazine-publisher	Name of Reseach	Serial Number
2010	-Sherif A. Sheta	Proceedings of the 10th International Conference for Enhanced Building Operations (ICEBO), Kuwait	Attributes of Indoor Environmental Quality to Earth-sheltered Building Design	1
2011	-Sherif A. Sheta	Ilmenau University of Technology, with support German،of DAAD	Impact and Vulnerability of Technology and Sustainability on the Management of Water Resources	2
2010	Mohamed Mohamed		Green development for environments	3
2010	Mohamed Mohamed		Sustainable development in the context of social National program For Egypt in the third millennium	4
2010	-Sherif A. Sheta	the International Days of Engineering; theme: energy, water and sustainable development in construction and tourism, organized by ANBEIC Association, Tunisia, in partnership with MENASHDA, Tunisia	Strategies of Organizing Resources for Sustainable Tourism Development in Rural Areas	5
2010	Shereif Moamen El-Sudany	Proceedings of the10th International Conference for Enhanced Building	Feasibility of Using VLS-PV Systems in the Future Egyptian Cities	6

Year	Authors	Conference/Proceedings	Title	No.
	-A. Y. Rashed Sherif A. Sheta	Operations		
2010	Sherif A. Sheta	Proceedings of the International 1st Proceedings of the ١st International Conference on Urban Heritage in Islamic Countries (UHIC), Riyadh, Saudi Arabia٨	The Strategic Influence of Urban Heritage Projects in Small Town Historic Identity	7
2010	Alaa Mohamed Ahmed yehia	The First International Conference for Urban Heritage in	the First International Conference In re-investment in Rehabilitation of local heritage environments	8
2010	Mohamed Mohamed Mohand Ali Mohamed Foda		Economic sustainability of environments	9
2010	Mohand Ali Mohamed Foda Mohamed Mohamed Lamees Saad		The Impact of the sustainability of urban heritage	10
2010	١Sherif A. Sheta	Proceedings of the Conference (Technology and Sustainability in the Built Environment), Riyadh, Saudi Arabia	Sustainable Resource Management as a Core Theme in Planning for the Poor – A Study in the Egyptian Rural Areas	11
2010	Mohamed Mohamed		The First International Conference for Urban Heritage in	12

2010	Shereif Moamen El-Sudany -A. Y. Rashed -Sherif A. Sheta	Proceedings of the Kuwait Society of Engineers (KSE (Engineering Congress (Alternative Energy Applications: Option or Kuwait، Necessity(	Integrating of VLS-PV Systems within Development Scenarios for the Egyptian Desert	13
2009	Mohamed Mohamed Mahmoud Sayed Abd Dalela Elkerdany Ahmed yehia Rashed		Architectural Heritage Urban city of Mansoura -	14

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Date of publish	Authors	Publisher-Magazine	Name of Research	Serial Number
2011	Adel Mohamed Ali	Third International Conference Specific Education, Mansoura	The Marriage between Global Positioning System "GPS" and Geographic Information System "GIS" for Monitoring Alzheimer Patients	1
2010	Ibrahem Hassan Y. Gowayed	Polymer Composites	Interlaminar shear stress distribution between nested plain weave compositeslayers of	2
2010	Adel Mohamed Ali Wafaa Elsayed Shaimaa Hassan	Of the Seventh International Conference Textile Industries Center National Research	Impliminting of Six Sigma Improvement Frame Work in Production And Properties of Protective Fabrics Against Foul Weathering	3
2010	Ibrahem Hassan Y. Gowayed	Journal of Comp. Sci. and Tech	Effect of nanotube geometry on the elastic properties ofnanocomposites	4
2010	Adel Mohamed Ali Said Motwally	Journal of Asian textiles	Subjective Evaluation of Garment	5
2010	Adel Mohamed Ali	the seventh of International Engineering Conference	Subjective Evaluation Of Garment Comfort	6
2010	Adel Mohamed Ali	International Engineering Conference of the seventh	Subjective Evaluation Of Garment Comfort	7
2010	Adel Mohamed Ali		Assessment of Fabric Tailorability with Innovative On-Wireless Alerting SstemLine	8
2010	Adel Mohamed Ali Manal El	.- Alex 2010 ReSouk	Subjective Evaluation Of Garment	9

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2009	Hamdan Abdo ALI Prof. Dr. Aly El-Shiekh		Comparasion of low-velocity impact response of shortglass and copper fibre/epoxy-steel wire compositeglass and copper fibre/epoxy-steel wire composite flax	10
2009	Hamdan Abdo ALI Prof. Dr. Aly El-Shiekh	NRC	Shock Impact Performance of steel wire mesh commmingled fabric rein forced core composite sandwich panels	11
2009	Hamdan Abdo ALI	Autex Research Journal	Low velocity impact of composite crop straw panels	12
2008	Ibrahem Hassan Y. Gowayed	Conf. of TECHTEXTIL NA, Atlanta, GA	The effect of nesting and compaction on the interfacial behavior of woven compositesshear	14
2006	Hamdan Abdo ALI		Recognitionfabric defects of knitted	15
2006	Ibrahem Hassan M. Abouiiana S. Youssef Y. Gowayed C. Pastore	Textile Research Journal	Detection and classification of defects in knitted fabricstructures	16
	Ibrahem Hassan T. Turel R. Farag M. Eldessouki Y. Gowayed O. Burtovvy I. Luzinov٧	The Journal of Textile Institute	A probabilistic model for the permeation of gasesmicroporous membranes through	17
1988	Hussein Mohamed Hassan Abd El Latif Mohamed Mohamed Mohamadi	nd Chem. Conf. Fac.y Proc.	Synthesis of some new disperse dyes for dyeimg	18

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Date of publish	Authors	Publisher-Magazine	Name of Research	Serial Number
2011	Saad Hamd Saad	IJWREE	A Muli-objective Optimization Approch to Groundwater Mnagement Using Genetic Algorithm	1
2011	Tark Abd El Hameed Mohamed Ibahem Gad Saad Hamd Moharam Samy Khalaf Alla	International Journal of Water Resources and Environmental Engineering	A Multi-objective Optimization Approach to Groundwater Management Using Genetic Algorithm	2
2011	Saad Hamd Saad	IJWREM	Applying MODFLOW to Simulate Groundwater Flow in EL- Farafra Depression, Western Desert Egypt	3
2011	Saad Hamd Saad	Water Resources Mangement	Optimal Groundwater management Using Genetic Algoirthm in EL-Farafra Oasis.Western Desert, Egypt	4
2011	Tark Abd El Hameed Mohamed Ibahem Gad Saad Hamd Moharam Samy Khalaf Alla	Water Resources Management	Optimal Groundwater Management Using Genetic Algorithm in El-Farafra Oasis, Western Desert, Egypt	5
2009	Osamy Said Ayman Sabry Kareem	Journal of Ocean Engineering	Hydrodynamic Efficiency of Partially Immersed Caissons Supported on Piles	6
2009	Osamy Said	Thirteenth International Water Technology Conference IWTC(2009),Hurghada,Egypt	Hydrodynamic Efficiency of Vertical Thick Porous Breakwaters	7
2009	Osamy Said Ayman	Thirteenth International	The Use of Vertical Walls with Horizontal Slots as Breakwaters	8

	Sabry Kareem	Water Technology Conference IWTC2009		
2008	Osamy Said Ayman Sabry Kareem	Sixth International Engineering Conference , El-Mansoura-Sharm	Efficiency of Partially Immersed Caissons as Breakwaters	9
2004	Saad Hamd Saad	th International 4 Engn. Conf., (IEC),	Hydraulic Efficiency and detention Time in Lake Manzala Constructed Free Water Surface Wetland	10
2000	Saad Hamd Saad	ICID conference, New-Delhi, India	Impacts of Subsurface Drainage System on Crop Yield in Dakahlia Region, Egypt	11
1999	Saad Hamd Saad	Inter. Sym. On Environmental Hydrology, ASCE, EIG, Egypt،Cairo	Impact of subsurface Drainage System on Soil Salinity and Sodicity in Dakahlia, Egypt	12
1995	Saad Hamd Saad	Inter. Symposium on Environmental Hydrology, ASCE EIG Egypt،	Frequency Analysis of Discharge Data in River Nile Basin	13
1993		Journal of Hydrology, Vol. 150	A Comparative Study for Estimators of the Generalized Pareto Distribution	14
1991	Saad Hamd Saad	Hydrology Journal of JAH, Vol. XIV, No.	Methods of Parameter Estimation for Generalized Pareto Distribution	15
1988	Saad Hamd Saad	International Seminar on Hydrology of Extremes, India،Roorkee	Relative Performance of Regional Flood Prediction Models	16
2009	Nader Ahmed Rafaat A. Elshorbagy, and S. Carey	Hydrology and Earth System Sciences	A generic system dynamics model for simulating and evaluating the hydrological performance of reconstructed watersheds	17

2010	Nader Ahmed Rafaat A. Elshorbagy, and L. Barbour	Hydrological Processes	Comparative assessment of the hydrological performance of reconstructed and natural watersheds	18
2010	Nader Ahmed Rafaat A. Elshorbagy, and S. Carey	Physics and Chemistry of the Earth Journal	Utilizing North American Regional Reanalysis for modeling soil moisture and evapotranspiration in reconstructed watersheds. Physics and Chemistry of the Earth Journal	19

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Date of publish	Authors	Publisher-Magazine	Name of Research	Serial Number
2012	Mohamed Mahmoud Mostafa	Journal of Heat Transfer, ASME, ISSN: 0022-1481	Discussion: "Heat Transfer Mechanisms During Flow Boiling in Microchannels" (Kandlikar, S. G., 2004, ASME J. Heat	1
2011	Mohamed Mahmoud Mostafa	Applied Thermal Engineering, Elsevier, ISSN: 4311 -1359	Comments on "Pressure drop during horizontal flow boiling of R410A/oil mixture	2
2011	Mohamed Mahmoud Mostafa	Applied Thermal Engineering, Elsevier, ISSN: 4311 -1359	Erratum: Experimental and numerical investigation of two-phase pressure drop in vertical cross-flow over a horizontal tube bundle [Appl (2009)VTherm Eng 29(	3
2011	Walaa Ramadan Abd Ahmed Mohamed Hamed Salah Hassan Mahmoud Mostafa	Applied Thermal Engineering, Elsevier, ISSN: 4311 -1359	Experimental investigation on the performance of radial flow desiccant bed using activated alumina	4
	Mohamed Ghasoup	ASEJ١٥, Ain Shams Engineering Journal, -&	Effect of Nanofluid Concentration on the Performance of Circular Heat Pipe	5
2011	Mohamed Ghasoup	International Review of Mechanical Engineering 5 ،(IREME), Vol. No., 3،٠	Study of Convective Heat Transfer Enhancement of Nanofluid inside Tube	6
2011	Mohamed Ghasoup	International Journal of Scientific &	Experimental Study of Convective Heat Transfer Using Nanofluid Flow	7

		Engineering Research Volume 2, Issue 4, 2011, ١April- ISSN 2229-5518	insideTube	
2010	Abdelmaksoud, M. Abdelsalam,K. M Mahmoud Mostafa	3 rd International Conference on Thermal Issues2010	A numerical investigation of external cooling on a blown film	8
2010	Mahmoud Mostafa Mousa, A Salah Hassan	3rd International 2010 Conference on Thermal	Effect of stack orientation on the performance of H /Air	9
2010	Mohamed Mahmoud Mostafa	3rd International 2010 Conference on Thermal Issues Technologies, in Emerging	Heat transfer for laminar thermally developing flow inparallel-plates using the asymptotic method	10
2010	Walaa Ramadan Abd Ahmed Mohamed Hamed Salah Hassan Mahmoud Mostafa	Conditioning system Using activated Alumina in A radialFlow Packed bed rd International Conference 3 on Thermal Issues in Emerging Technologies Theory an Theory and	Theoretical and Experimental Investigation on the Performance of Hybrid Desiccant Air Conditioning system Using activated Alumina in A radialFlow Packed bed	11
2010	Ali Abd El Haleem Al Z. Melikyan	Applied Thermal Engineering	A simplified model for analysis of heat and mass transfer in adirect evaporative cooler	12
2010	Ali Abd El Haleem Ali Z. Melikyan	Energy	Assessment of a modified method for determining the cooling load of residential buildings	13

2010	Ali Abd El Haleem Al Z. Melikyan	Journal of Energy and Power Engineering, USA	Mathematical model for defining the performance of counter-flow plate heat exchangers	14
2010	Mohamed Mahmoud Mostafa	NumberUsing the Asymptotic Model 14th International Heat 2010 Transfer Conference (IHTC 8August Washington, DC, USA	Heat Transfer From a Wedge to Fluids at Any Prandtl NumberUsing the Asymptotic Model	15
2010	Mohamed Mahmoud Mostafa Z. Melikyan	ASME rd Joint US-2010 European Fluids Engineer	Review and Modeling of Two-Phase Frictional Pressure Gradient at Microgravity Conditions	16
2010	Ali Abd El Haleem Ali Z. Melikyan	Energy Engineering and Technology, USA	Air Conditioning Systems: Calculating Desiccant Wheels' Design Parameters	17
2010	Ali Abd El Haleem Ali Z. Melikyan	World Academy of Science, Engineering and Technology	Methods for analyzing the energy efficiency and cost effectiveness of evaporative cooling air conditioning.	18
2010	Ahmed Ramzy Abass Ahmed Mohamed Hamed Maher Mohamed Mahmoud Mostafa	Journal of Engineering and Technology Research	Theoretical investigation on the cyclic operation of radial flow desiccant bed dehumidifier	19
2010	Elsayed Abd Eghady Mohamed Abd Elshafy	Energy	Natural convection heat transfer from a heat sink with hollow/perforated circular pin fins	20
2010	Walaa Ramadan Abd El Rahman Ahmed	Energy	Experimental study of the transient adsorption/desorption	21

	Mohamed Hamed Salah Hassan Mahmoud Mostafa		characteristics of silica gel particles in fluidized bed	
	Mohamed Ghasoup	th IECV	Heat And Fluid Flow In A Tube With Helical Tape Around Rod	22
2010	Ibrahem IbrahemA. Chakraborty B.B. Saha K.C. Ng I.I. El-Sharkawy S. Koyama	Heat Transfer Engineering	Thermodynamic property surfaces for adsorption of R50VA, and n-Butane،a 134R	23
	Mohamed Ghasoup	MEC	Analysis of Air Humidification by Pressure Swirl Water Atomizer	24
2010	Elsayed Abd Esam Abd Elatif Mahmoud Mostafa A.G. Ali	Energy	Heat transfer and pressure drop in corrugated channels	25
2008	Mohamed Ghasoup Hesham Mohamed Mostafa	Mansoura Engineering Journal	Convection Heat Transfer and Friction Factor of AL253 /Water Nanofluid	26
2008	Elsayed Abd Esam Abd Elatif Mahmoud Mostafa A.G. Ali	Thermal Issues in Emerging Technologies, 2008. ThETA	Heat transfer and pressure loss innarrow channels with corrugated walls	27
	Ibrahem Ibrahem Chakraborty B.B. Saha K.C. Ng I.I. El-Sharkawy S. Koyama	International Journal of Refrigeration, Vol., No8	Experimental investigation on activated carbon–ethanol pair for solar powered adsorption cooling applications	28

	Ibrahem Ibrahem B.B. Saha I.I. El-Sharkawy K. Habib S. Koyama K. Srinivasan	Journal of Chemical & Engineering Data, Vol. 53, No.	Adsorption of equal mass fraction near an azeotropic mixture of pentafluoroethane and 1,1,1-trifluoroethane	29
2008	Ahmed Ramzy Abass Ahmed Mohamed Hamed Maher Mohamed Mahmoud Mostafa	Applied Thermal Engineering	Theoretical and experimental investigation on the radial flow desiccant dehumidification bed	30
2007	Farouk Mohamed	Fuel Processing Technology, Elsevier	Enhancing Sulphur Self-Retention by Building-in CaO in Straw-Bitumen Pellets	31
2007	Elsayed Abd	Journal of Applied Thermal Engineering (ATE .(3087	Effect of Flow Bypass on the Performance of a Shrouded Longitudinal Fin Array	32
	Mohamed Ghasoup	Theta1	Simultaneous heat and mass transfer in laminar flow jets - Experimental Study	33
2007	Farouk Mohamed	Fuel Processing Technology, Elsevier Inc.	Modeling Combustion of Straw-Bitumen-Pellets in a Fluidized Bed	34
2007	Elsayed Abd El Hady Mohamed Shafie Hassan Mansour Mohamed Safwat Saad Mohamed Sakr Abo Elftouh	-٠Cairo, ISBN: 4344-1, 0897-	N umerical study of heat transfer in pulsating turbulent air flow	35
2006	Hassan Mansour Mohamed		Experimental Study of Heat Transfer in Pulsating	36

	Safwat Saad Elsayed Abd Mohamed Sakr Abo Elftouh		TurbulentFlow in a Pipe	
2006	Farouk Mohamed Chirone R., and Urciuolo M	19 th International conference on Fluidized Bed Combustion	Combustion of Combined Rice Straw-Bitumen Pellets inBed Fluidized	37
2006	Ibrahem IbrahemA. Chakraborty B.B. Saha K.C. Ng	nternational Journal of Heat and Mass Transfer, Vol. 49,	A study on the kinetics of ethanol-activated carbon fiber:theory and experiments	38
2006	Farouk Mohamed M Miccio	Chemical Engineering Journal, ElSevier	Modeling of Wet Jet in Fluidized Bed	39
2001	Mohamed Nabel saadEldein sabry Mahmoud Mostafa W. Fikry Kh. Abdel Salam A. E. Nasser	Microelectronics Journal	A lumped transient thermal model for self-heating in MOSFETs	40
	Ibrahem Ibrahem H.E. Gad A.M. Hamed I.I. El-Sharkawy	Renewable Energy, Vol. 22 No4., pp. 556-541, 2001	Application of a solar desiccant/collector system for waterrecovery from atmospheric air	41
	Ibrahem Ibrahem I.I. El-Sharkawy M. Hassan B.B. Saha S. Koyama M.M. Nasr	International Journal of Refrigeration, ,7Vol., No 32	Study on adsorption of methanol onto carbon basedadsorbents	42
	Bering Ohans Geh		B. Djebedjian and M. A. Rayan, "Theoretical Investigation on the Performance Prediction of	43

			Solar Still", Desalination, Vol. ., pp2000 138 -139-145	
1983	Faysl Fahmy Gomah Mahmoud Mostafa A.A El-Hadik	ASME-JSME Thermal Engineering Joint Conference Proceedings Honolulu, HI,	numerical solution for turbulent flow around the leading edge of a film cooled gas turbine blade	44
1999	M Miccio Farouk Mohamed A.A El-Hadik	39 th International Energy	Fluidized BedCombustion of Liquid Fuels: Fundamental Aspects and Conversion Mechanisms	45
1999	M Miccio Farouk Mohamed A.A El-Hadik	39 th International Energy Agency (IEA) Fluidized Bed Conversion Meeting, Madrid,	Fluidized Bed Combustion of Unconventional Liquid Fuels: Lab ،Pilot and Industrial Scale	46
	Bering Ohans Geh		B. O. Djebedjian and J. P. Renaudeaux, "Numerical and Experimental Investigation of the Flow in Annular Diffuser", Proceedings of FEDSM'98, 1998 ASME Fluids Engineering Division	47
1995May	M Miccio Farouk Mohamed A Cante	30 th International Energy Agency (IEA) Fluidized Bed Combustion Meeting, May	Fluidized Bed Processing of Non-conventional Water based Fuels and Effluents	48
1989	El Sayed Abd J. E. R. Coney, and C. G. W. Sheppard	Int. J. of Refrig., Vol. 12, November, 1989, pp.	4 E. A. M. Elshafei J. E. R. Coney, and C. G. W. Sheppard ، "Experimental Investigation of a Cooled Thick Fin in	49

			Dry and Humid Air", Int. J .of Refrig., Vol. 12, November, 1989,	
1989	El Sayed Abd J. E. R. Coney,C. G. W. Sheppard	Optics and Lasers in Engineering	" -3 A Dual Laser Beam Method for Wavy Film Thickness Measurement", Optics and Lasers in Engineering, II1989 pp. -٠43 ،14-1 1989 50-03$٨٩/8188 Elsevier Publishers	50
1975	Mahmoud Mostafa M. R. Shaalan	Proceeding of Mechanical Engineering Congress With Emphasis on Energy	The influence of configuration of tube cross section on the length, weight, and duty of shell-and-tube heat exchangers	51
2009	Helmi Elsayed	The Engineering Congress on "Alternatives Energy Applications Option orNecessity?", Kuwait	A simple methodology for sizing photovoltaic watepumping systems at Kuwait climate conditionsr	52
	Ibrahem Ibrahem. Chakraborty B.B. Saha K.C. Ng I.I. El-Sharkawy S. Koyama	Journal of Chemical & Engineering Data, Vol. 51, No5 , pp2006, 1592 1578 .	Adsorption rate of ethanol on activated carbon fiber	53
	Bering Ohans Geh		B. O. Djebedjian, J. P. Renaudeaux and M. Giat, "Numerical Study of the Drag Coefficient of an Infinite Circular Cylinder at Low and Moderate Reynolds Numbers using the FLUENT Code", Proceedings of the International Congress on	54

			Fluid Dynamics and Propulsi	
	Bering Ohans Geh		B. O. Djebedjian, M. Giat and J. P. Renaudeaux, "Optimisation numérique de diffuseurs annulaires", Actes du 12ème Congrès Français	55
2001	Ali Mostafa Ali Mahmoud Mostafa O. S. Abd El Kawi	th Int. Mech. Power 12 Engineering Conference (IMPEC Mansoura, Egypt	Effect of Particles Diameter on Heat Transfer Between a Fluidized Bed and a Horizontal Tube	56
	Faysl Fahmy Gomah FF Areed		Effect tripping wire ranges on average heat transfer from a cross circular cylinder	57
2007	Gamal Ibrahem Ahmed Mahmoud Mostafa	International Conference on Thermal Issues in Emerging Technologies Theory and Application	Enhancing Mixed Convection Heat Transfer from Multiple Protruding Heat Sources Using Inclined Obstacles	58
	Ibrahem IbrahemA. Chakraborty B.B. Saha K.C. Ng I.I. El-Sharkawy S. Koyama N.D. Banker P. Dutta K. Srinivasan	International Journal of Refrigeration, Vol. ., ppV, No29 1181 -ـ2006 1175	Evaluation of minimum desorption temperatures of thermal compressors in adsorption refrigeration cycles	59
	Ibrahem Ibrahem I.I. El-Sharkawy K. Kuwahara B.B. Saha S. Koyama K.C. Ng	Applied Thermal Engineering, Vol. 26, No. 8-9pp. 859-865ـ	Experimental investigation of activated carbon fibers/ethanol pairs for adsorption cooling system application	60

2009	Ramy salah Ahmed Mohamed Hamed Mahmoud Mostafa M. A. Tolba	The Engineering Congress on Alternative Energy ‹Applications	Experimental Investigation on PEM Fuel Cell Performance Characteristics	61
02008	Salah Hassan Mahmoud Mostafa A. Abdel–Sabour	66Conference (th International EngineeringIEC(	experimental study on hpem fuel cell2/air	62
2009	Ramy salah Ahmed Mohamed Hamed Mahmoud Mostafa M. A. Tolba	The International Conference of Hydrogen Production (ICH٢P-‹(09University of Ontario Institute of Technology, Canada.	Experimental Study on the Effect of Cathode Flow Humidity and Temperature on the Performance of PEM Fuel Cell	63
	Ibrahem Ibrahem B.B. Saha S. Koyama I.I. El-Sharkawy K. Kuwahara K. Kariya K.C. Ng	HVAC&R Research, Vol. -783b, pp. ٣ b, pp. 20063767, 767 No 783 - 2006 12	Experiments for measuring adsorption characteristics of activated carbon fiber/ethanol pair using a plate-fin heat exchanger	64
1997	M Miccio Farouk Mohamed	Powder Technology, Elsevier Science ‹Inc	Formation rates of Characteristic Carbon phases During Fuel-Water Slurry Injection in a Hot Fluidized Bed	65
1983	Faysl Fahmy Gomah Mahmoud Mostafa A.A. El-Hadik	ASME-JSME Thermal Engineering Joint Conference Proceedings ‹ Honolulu, HI, USA	heat transfer and hydrodynamic resistance in compacting plate heat exchanger type 'divergent-convergent surfaces'	66
1983	Faysl Fahmy	ASME-JSME	heat transfer and	67

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2001	Ali Mostafa Ali Mahmoud Mostafa O. S. Abd El Kawi	12 th Int. Mech. Power	Heat Transfer Between Gas FluidizedBed and Immersed Tube Bank	68
1985	Mostafa Salah Hassan Mahmoud Mostafa A. Abdel–Sabour M.A.Ghannam	INFLUENCE OF A partial injection of compressed air into diesel fuel injection system	INFLUENCE OF A partial injection of compressed air into diesel fuel injection system	69
	Ibrahem Ibrahem I.I. El-Sharkawy B.B. Saha S. Koyama K. Srinivasan	International Journal of Heat and Mass Transfer, Vol. pp. 50902-907 2007 5-6., No	Isosteric heats of adsorption extracted from experiments of ethanol and HFC 134a on carbon based adsorbents	70
	Bering Ohans Geh		M. A. Rayan and B. Djebedjian, "Egypt's Water Demand, Supply and Management Policies	71
2007	Farouk Mohamed	Fuel,Elsevier	Modeling of Liquid Fuel Combustion in Fluidized Bed	72
2007	Ali Mostafa Ali Mahmoud Mostafa Gamal Ibrahem Ahmed H. M. Mostafa A. M. K. El-ghonemy	Acta Polytechnica Hungarica	Performance Enhancement of Air-cooled Condensers	73
	Ibrahem Ibrahem I.I. El-Sharkawy K. Thu	International Review of Mechanical Engineering ,(I.RE.M.E (.	Performance improvement of adsorption desalination plant :experimental investigation	74

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	El Sayed Abd El Hadi Mahmoud Mostafa A. E. Awa	12 th Int. Mech. Power Engineering Conference (IMPEC (12Mansoura, ، Egypt	Performance of an Ejector Compression Refrigeration System	75
2010	Helmi Elsayed Ibrahem	Global Green Techies Forum and Exhibition 2010(GTFEX (2010	Potential of Solar Water Pumping in Jordan	76
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2003	Farouk Mohamed Mostafa	Experimental Thermal and Fluid Science, ،Elsevier	The Fluidized Bed Combustion of heavy liquid fuel (Mazut	79
2010	- M. G. Mousa		Thermal Performance of Thermosyphon Charged by Nanofluid for Cooling of Electronic Component	80
1984	Faysl Fahmy	3 rd Multi-Phase	TWO-DIMENSIONAL	81

	Gomah Mahmoud Mostafa Hassan Mansour	Flow and Heat Transfer Symposium-Workshop , Miami Beach, FL,	MATHEMATICAL MODEL FOR STEEP PROPAGATING WAVES	
1996	Mahmoud Mostafa M. M. Abd El Raouf	Proceedings of the First UAE Conference on Air Conditioning in the Gulf. ACG, U.A.E.	Using refrigeration systems to extract water from moist air	82
	Ibrahem Ibrahem B.B. Saha I.I. El-Sharkawy S. Koyama J.B. Lee K. Kuwahara	Heat Transfer Engineering, Vol. 27, No. 5 -2006 80-87	Waste heat driven multi-bed adsorption chiller: heat exchangers overall thermal conductance on chiller performance	83

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Electrical powers and machines engineering department
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Date of publish	Authors	Publisher- Magazine	Name Of Research	Serial Number
2011	Marwa Mohamed Mostafa Jesus de Leon -Alain GLUMINEAU	International Journal of Control, 84Volume Issue 11و2011	Sensorless speed control of PMSM via adaptive interconnected observer	1
2011	Magdi Mohamed Ali Ahmed Elsayed Hassan Khaled Mohamed Khaled Mahmoud Sabre	International Journal of Ambient Energy	A Proposed Framework for Dynamic Modelling of Photovoltaic Systems for DG Applications	2
2011	Mohamed Shawky	IET Renewable Power Generation	Fault Ride Through capability enhancement for self-excited induction generator-based wind park by installing fault current limiters	3
2010	Magdi Mohamed Ali Ahmed Elsayed Hassan Khaled Mohamed Khaled Mahmoud Sabre	International Journal of Distributed Energy Resources	adaptive optimal relay coordination scheme for generation distributed	4

2011	Magdi Mohamed Ali Ahmed Elsayed Hassan Khaled Mohamed Khaled Mahmoud Sabre	Journal of Electrical Engineering	A Modified PSO Technique for the Presence Coordination Problem in of DG	5
2011	Soby Mohamed J. Fu S. Abbot B. Fox DJ Morrow	International Journal of Innovations in Energy Sytems and .Power, Vol6	Wind Cooling Overhead Effects on Dynamic Line Ratings	6
2010	Ibrahem Abd El Ghafar Mohamed Elsaid Mohamed Mansour Hassan	International Journal of Power Technology Green . & Eng	a power quality detection method for grid-connected farms wind	7
2010	Ibrahem Abd El Ghafar Mohamed Elsaid Mohamed Mansour Hassan	International Journal of Power Green Technology . & Eng	investigation of submarine cable parameters impact on energization transients in offshore wind farms	8
2010	Akram Ibrahem	International Journal Of Distributed Energy Resources	Voltage Control Strategy for Distribution Systems with Flexible DG	9
2011	Sobhy Mohamed	IEEE Transactions on Power Systems	Characterization of Transmission Losses	10
2010	Magdi Mohamed Ali	International Journal of Distributed Energy Resources, .Vol 60 .No3 .July/Sep ,2010	Modeling and Simulation of Protective Devices for Distributed Generation Applications	11
2010 2010	Sobhy Mohamed Damian Flynn	European Transactions on Electrical Power	A new method for transmission loss allocation considering the circulating currents between	12

			generators	
2010	Mansour Hassan Birgitte Bak-Jensen	IEEE TRANSACTIONS ON POWER ELECTRONICS, 25 .NO 2 .VOL	Novel STATCOM Controller for Mitigating SSR and Damping System Oscillations in a Power Series Compensated Wind Park	13
2010	Akram Ibrahem -A. Abdelmageid S. Fathy	International Journal Of Distributed Energy Resources	An Approach for the Economic Assessment of Power Quality Disturbances	14
2010	Nagy youssef O.A. Mohammed	IEEE Transactions on Magnetics	Physics Based High Frequency Transformer Modeling by Finite Elements	15
2010	Sobhy Mohamed B.Fox	International Journal of Power System Optimization-Serials Publications	Voltage Stability Assessment for Systems with Large Wind Power Generation	16
2009	Sobhy Mohamed D. Flynn	IET Generation, & Transmission Distribution	Graphical determination of network limits for wind power integration	17
2008	Sobhy Mohamed	international journal of energy & electrical power systems	Determining 'generators contribution to loads and line flows losses considering & loop flows	18
2010	Sobhy Mohamed	Journal of the Franklin Institute	A method for determining generators' shares in loads, line flows and losses	19
2007	Sobhy Mohamed	IEEE Transactions on Power Systems	Transmission Loss Allocation Through Complex Power Flow	20

				Tracing	
2007	Sobhy Mohamed	IET Generation, & Transmission Distribution	Allocating transmission loss to loads and generators through complex power flow tracing	21
2007	Nagy Youssef -O.A. Mohammed	International Journal for ComputationIEE Generation, Transmission and Distribution	Real-Time Simulation of Electric Hardware-in- Machine Drives with the-Loop	22
2007	Sobhy Mohamed	IEE Generation, Transmission and Distribution	Efficient computation algorithm contributions for calculating load to line flows and losses	23
2006	Sobhy Mohamed	Electric Power Systems Research	Transmission loss allocation in a deregulated electrical energy market	24
2002	Magdi Mohamed Ali J. Nazarko, M. El-Saadawi	IEE Generation, Transmission and Distribution	Simulation Studies on Integrating Egyptian Photovoltaic Plants with National Utility	25
1997	Sobhy Mohamed M. M. Elkateb	IEE Generation, Transmission and Distribution	Linear indicator for voltage collapse in power systems	26
	Suliman Ahmed Suliman Alaa Eldein Mohamed	.IEE PROC.,Vol134Pt.C	Optimum operation of Cogeneration plants with energy facilities purchase	27
	Suliman Ahmed Suliman Alaa Eldein Mohamed M. G. Osman N. A. E. Safa	Al-Azhar Engineering Fourth International Conference	A Rule-based Expert system for combined cycle power plant troubleshooting	28
	Marwa Mohamed Mostafa	th World Congress IFAC WC 18	Adaptive Interconnected	29

	Jesus de Leon -Alain GLUMINEAU		Observer-Based Backstepping Design For Sensorless Control PMSM	
	Alaa Eldein Mohamed Suliman Ahmed Suliman Mahmoud Sabre S. M. Abou Zaid A. El-Hosseiny	97 IEEE-MEPCON	Artificial Intelligence Approach for balancing loss reduction and load in Distribution systems	30
	Alaa Eldein Mohamed Mahmoud Sabre M. E. Ghali H. Hamed	MEFC, Egypt	Artificial Intelligence Approach to Distribution reconfiguration of Network under ubnormal conditions	31
	Alaa Eldein Mohamed Suliman Ahmed Suliman Abd Rahman Ahmed Mohamed Ibrahem Elsaid S. A. Shona M. E. Gh	MEFC, Egypt	Assessment of Harmonic levels in Distribution South Delta Electricity System	32
2010	Marwa Mohamed Mostafa Alain GLUMINEAU ٣ -Robert BOISLIVEAU	CIFA2010 ,Nancy, France 4-2	Comparaison de deux observateurs non linéaires pour la sans capteur de la commande MSAP : validation expérimentale	33
	Alaa Eldein Mohamed Suliman Ahmed Suliman	AEIC93Cairo, Egypt	Development of an expert system distribution for fault diagnosis of a system	34
	Alaa Eldein Mohamed Suliman Ahmed Suliman	IEE PROC., 136 .Pt.C, No 2. .Vol	Economic Justification of Cogeneration system for industrial	35

			steam users and utility systems	
	Alaa Eldein Mohamed Mahmoud Sabre A. El-Hosseiny S. M. Abou Zaid	IEEE-MEPCON98	Intelligence Software System for Restoration Distribution Network	36
	Alaa Eldein Mohamed Ahmed Elsayed Hassan Qusay F. Hassan	Journal of Applied Economic)Sciences, 4 Summer2 VolumeIII_Issue	Leveraging SOA in Banking Systems Integration	37
	Ahmed Elsayed Hassan Magdi Zakria Rashad Ahmed Sharaf	International Journal of Engineering Science and Technology	Lightweight TCP/IP Architecture using model for embedded systems SysML	38
1996	Ibrahem Abd El Ghafar Gabr M ohamed	European EMTP-ATP Users Group Meeting, Budapest, Hungary	Multiwinding Transformer For Very Fast Transient Studies	39
	Alaa Eldein Mohamed Suliman Ahmed Suliman Abd Elrahman Ahmed M. Zaid S. Abdelkader A. El-Hosseiny	AUPTDE-CIRED, Amman, VolumeJordanMaintenance, Operation	Mutual influence of nonlinear loads on Distribution Networkusing three phase harmonic load flow	40
2010	Marwa Mohamed Mostafa Jesus DE LEON -Nicolas GONZALEZ -Alain GLUMINEAU	, 17December 15 th CDC 2010Atlanta,USA, 49	Observer-Controller Scheme using High Order Sliding ModeTechniques for Sensorless Speed Control of Permanent Magnet MotorSynchronous	41
2010	Marwa Mohamed Mostafa Alain Glumineau Franck Plestan	,Mexico City, 26VSS-201Mexico,	Sensorless high order sliding mode control of permanent synchronous	42

			motormagnet	
2010	Marwa Mohamed Mostafa Alain Glumineau Franck Plestan	3-1, Bologna, Italy, 2010NOLCOSSeptember	Sensorless speed control of a permanent magnet synchronous motor : high order sliding mode controller and sliding mode observer	43
2010	Marwa Mohamed Mostafa Jesus DE LEON -Nicolas GONZALEZ -Alain GLUMINEAU	, Mexico City, MexicoVSSJune 26-28 2010	Sensorless Speed Control of Permanent Magnet Synchronous Motor by using Sliding Mode Observer	44
	Alaa Eldein Mohamed Mahmoud Sabre	Artificial Intelligence ICFM to ءapplications engineering problems	User friendly software system for management of Electrical Distribution Systems	45
	Alaa Eldein Mohamed Mahmoud Sabre Suliman Ahmed Suliman S. A. Shohna M. Sallam	International Symposium on Electricity Distribution in the ArabWorld, AUPTDE-CIRED, Amman, Jordan, Operation & Maintenance Volume	User friendly system for management of Distribution Systems	46

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Date of publish	Authors48	Publisher- Magazine	Name Of Research	Serial Number
2011	Sherif Ma49saoud Ahmed Elbadawy	International Journal of Advanced Engineering Sciences and Technologies (IJAEST(	Assessment and Improvement of the Accuracy of the Odemark Transformation Method	1
2011	Musbah Rashed Musbah Klub Hui Li	Measurement	Sensitivity and Analysis GPS Signals Based Bridge Damage using GPS Observations and Wavelet Transform	2
2010	Musbah Rashed Musbah Klub Hui Li	Structural Engineering and Mechanics	Simple Geometrical Model to Analyze the Motion Detection of Bridges Based-GPS Technique: Case study Yonghe bridge	3
2010	Musbah Rashed Musbah Klub Hui Li	GEO-SIBERIA-2010	Analysis of bridge movements and damage based on GPS monitoring technique	4
	Ashraf Abd Elwanes Abd Elmawala Ehigiator R. A. Ehigiator O. M	6 th international exhibition and scientific congress›› Geo-Siberia-2010 Novosibirsk.	Structural deformation analysis of cylindrical oil storage tank using geodetic measurements	5
	Ashraf Abd Elwanes Abd Elmawala Ivanov A. V.	6 th international exhibition and scientific congress›› Geo-Siberia-2010, Novosibirsk. Russia	Studying the tripod vibration effect on the terrestrial laser scanner measurements accuracy	6
2011	Sherif	Geo-Frontier	Prediction of the	7

	Masaoud Ahmed Elbadawy F. Bayomy S. Miller		Subgrade Resilient Modulus for theImplementation of the MEPDG in Idaho	
2009	Musbah Rashed Musbah Klub Hui Li	KSCE Journal of Civil Engineering	Monitoring of Bridges Deformation Using GPS Technique	8
2009	Ashraf Abd Elwanes Abd Elmawala	Journal (Isvestia Vozof. geodesya &aerophotosumka) 2009 .	Designing the Techniques of ٣D Measurements Implementation, and Structure State Modeling With the Use Of Plane Equations	9
2009	Musbah Rashed Musbah Klub Hui Li	Information Technology		10
2009	Ashraf Abd Elwanes Abd Elmawala Mohamed Yousri Musbah Rashed Musbah Klub	6 th International Conference on Vibration , (2008Engineering) ICVE' . 2008Dalian. – China,	Tower bridge movement analysis with GPS and accelerometer techniques: Case study Yonghe tower bridge	11
	Ashraf Abd Elwanes Abd Elmawala Komissarav A. V	4 th international exhibition and scientific congress›› Geo- 2008Siberia- Novosibirsk.	Investigating the accuracy of deformation measurements from total station and terrestrial laser scanner	12
	Musbah Rashed Musbah Klub H.El- shambaky Ashraf A. A. Beshr	4th international exhibition and scientific congress" GEO-SIBERIA- 2008	How can you estimate the geoid undulation by least square collocation technique and GPS ؟data	13
2008	Musbah Rashed	Arabian Journal of Geosciences	4 th international exhibition and	14

	Musbah Klub M. Rabah		scientific congress" GEO-SIBERIA-2008	
1998	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Journal of Testing and Evaluation, Volume 26 No. 4, pp. --306 314،American Society of Testing Materials (ASTM), West Conshohocken,	Asphalt Rubber Mixture Behavior and Design -Wet Process	15
1997	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Proceedings of the Fifth International RILEMSymposium ،Mechanical Tests for Bituminous Materials, pp. 541-548, A.A. Belkema, Rotterdam ،Netherlands, 1997.	Characterizationand Design of Asphalt Rubber Binders and Mixtures	16
2010	Elhussein Mansour Ali Abd El Rahman Mohamed S. Aazam Mohamed Alomran	Paper584 16th International Road Federation (IRF) World Meeting Conference, Lisbon, Portugal, May 30-28, 2010	Dynamic Modulus Master Curve and Characterization of Superpave HMA Containing Various Polymer Types	17
1996	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Proceedings of The Twelve International Conference on Solid Waste Management, Philadelphia, PA, -USA1997, November 20-17	Enhancement of Portland Cement Concrete with Tire Rubber Particles	18
2007	Elhussein Mansour Ali Abd El Rahman Mohamed A. Elshabrawy Alaa R. Gaber	7 th Saudi Engineering Conference (SECV), Faculty of Engineering, King Saud University, Kingdom of Saudi Arabia, ،November 26-28	Evaluation of RAP as a Cement-Treated Base for Highways Construction	19

1998	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Journal of Cement, Concrete and Aggregate Journal, Volume20 ،No1, pp. 140-144, American Society of Testing Materials (ASTM	Evaluation of Rubber Filled Concrete and Correlation Between Destructive and Non-Destructive Testing Results	20
2009	Elhussein Mansour Ali Abd El Rahman Fenisan Alanazi	Proceedings of the Underground Structures in Hot Climate Conditions Workshop of the International Tunneling and Underground Space Association (ITA), Riyadh, The kingdom of Saudi Arabia, pp 137--8، 2009147, December. 9	Impact of Overpass and Tunnel Shadow on Asphalt Pavement Stiffness and Cracking: A Case Study with A Treatment Strategy	21
2011	Sherif Masaoud Ahmed Elbadawy F. Bayomy	٩٠ th Annual Meeting of the Transportation Research Board and published in the Annual Meeting DVD, Washington, DC	Influence of the MEPDG Binder Characterization Input Level on the Predicted Dynamic Modulus for Idaho Asphalt Concrete Mixtures	22
1997	Elhussein Mansour Ali Abd El Rahman Goulias, D J.Crauss.	Proceedings of the Fifth International RILEM Symposium ،Mechanical Tests for Bituminous Materials, pp. 436-429, A.A. Belkema,	Moisture Susceptibility of Asphalt Rubber Modified Mixtures and Comparison with Conventional Asphalt Mixtures	23
1997	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Infrastructure Condition Assessment: Art, Science and Practice ،pp 111-120, American Society of Civil Engineers, New York, USA,	non destructiveevaluation of rubber modified concrete	24
2009	Elhussein Mansour Ali Abd El Rahman Mohamed S. Aazam	13 th RAAA (The Road association of Asia and Australasia (Conference, South Korea, 2009 36-33September	polymer modification of bitumen extracted from variable refineries in saudi arabia	25

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2010	Elhussein Mansour Ali Abd El Rahman Mohamed S. Aazam A.AL-Rabiah	Paper413, 16th International Road Federation (IRF) World Meeting Conference, Lisbon, Portugal, May 25-28, 2010	polymer modification of bitumen extracted from variable refineries in saudi arabia	26
2001	Elhussein Mansour Ali Abd El Rahman Mohamed S. Aazam A.AL-Rabiah	The Journal of Solid Waste Technology and Management (Formerly the Journal of Resource Management & Technology), Volume number27	reinforced recycled polymer based composites for highway poles	27
	Elhussein Mansour Ali Abd El Rahman Goulias, D.		traffic calming measures and speed hump guidelines for use in abu dhabi residential areas	28
1994	Elsayed Abd Elazeem Mohamed Shawaly	Proceedings, The Tenth International Conference on Solid Waste Management, Philadelphia, PA, USA, .1994November13-16	traffic calming measures and speed hump guidelines for use in abu dhabi residential areas	29
1997	Elhussein Mansour Ali Abd El Rahman Goulias, D.	Journal of Solid Waste Technology and Management (Formerly the Journal of Resource Management and -12Technology volume -),22	Use of Tire Rubber in Hot Mix Asphalt: Binder and Mixture Evaluation	30

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Production and Mechanical design engineering department
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Date of publish	Authors	Publisher-Magazine	Name Of Research	Serial Number
2011	Hamdi Hosni Nadia Osama Badeea Abeer Elsayed	The American Journal of Esthetic Dentistry	Determining the Influence of Flowable Composite Resin Application on Cuspal Deflection Using a Computerized Modification of the Strain Gauge Method	1
2011	Tawfic Tawfic Ahmed Eid Ahmed Mohamed Mohamed Gomaa Mansour Zaki	Journal of Control Engineering and Technology (JCET(	NURBS Surface Reconstruction Using Rational B-spline Neural Networks	2
2010	. Mohammad Sami Abdul Ghaffar Gayar Muhammad Tahir Iraqi Hamid Ahmed Abdel Fattah Abdel .Rahman Mr Mustafa	The seventh International Engineering Conference CE 2010I	Shape Optimization for Path Synthesis of Crank-Rocker Mechanisms using a Conformal Mapping-based Genetic Algorithm Technique	3
2008	Osama Badie Shafiq Abu Ata Ibrahim Mohamed Ibrahim Elewa Ammar Prince Sami Gad Moulay Youssef Ahmed E Eladawi	Proc. IMechE Vol222 Part B: J. Engineering Manufacture	Investigation of the Cutting Conditions in Milling Operations Using Image Texture Features	4
2005	Osama Badie Shafiq Abu Ata . Ibrahim	Meas. Sci. Technol., Vol. 17	Surface Integrity of Provisional Resin Materials	5

	Mohamed Ibrahim Elewa Ammar . Prince Sami Gad Moulay Youssef Ahmed E Eladawi			
2005	Osama Badie Amal Abdul Abu Bakr Abdullah O.B. Abouelatta, A. El-Bediwi, A. Sakrana, X.Q. Jiang .Blu and L	Proceeding of the Vth Int. Symposium on Measurement Technology and Intelligent Instruments, Center for Precision Technologies, University of Huddersfield,	Surface Integrity of Provisional Resin Materials	6
2005	Osama Badie X.Q. Jiang L. Blunt	Journal of Materials ProcessingTechnology, Vol. 168	Wear and Surface Roughness of CurrentVeneered Materials after Toothbrush/Dentifrice Abrasion	7
2004	Osama Badie Shafiq Abu Ata A. D.. Abdo Fattah Abdulsamad Abdulsamad D. Amal Abdul Samad Abdul	1 st Conference of the Faculty of Dentistry on Recent Advantages in Clinical Dentistry, King Abdulaziz University,	Microhardness of Three Types of Provisional Resin Materials	8
2004	Osama Badie D. Amal Abdul Samad Abdul Hideo Matsumura Hiroyasu Koizumi Naomi Tanoue	Int Chin J Dent., 4Vol.	Surface Roughness Prediction Based on Cutting parameters and Tool Vibrations in Turning Operations	9
2001	Osama Badie J. Madl	Journal of Materials Processing	Surface Roughness Prediction Based on Cutting parameters and Tool	10

		Technology, Vol. 118	Vibrations in Turning Operations	
2000	Osama Badie J. Madl	Journal of the Machining and Assembly, Departments and Allied Departments of the Czech Republic, Vol. V, No. 2	Mathematical Models of Surface Roughness Parameters in Turning Operations	11
1999	Osama Badie J. Madl	Proceeding of the Int. Conf. on New Methods in Production Technology4th International Conference of the Dept. of Prod. Tech., Slovak Republic, Technical	Roughness, Waviness and Unfiltered profile parameters and Tool Vibrations in turning operations	12
1999	Osama Badie E.A. El-Miligy J. Madl	Proceeding of the Int. Conf. on New Methods in Production Technology4th International Conference of the Dept. of Prod. Tech., Slovak Republic, Technical	Roughness, Waviness and Unfiltered profile parameters and Tool Vibrations in turning operations	13
1999	Ahmed Awny Atia	Journal of the Machining and Assembly, Departments and Allied Departments of the Czech Republic, Vol. IV, 2No.	Surface Roughness Assessment in Three-Dimension for Some Manufacturing Operations	14
	Ahmed	Wear Vol. 156 No.	Flash temperature for	15

	Mohamed Ahmed	, 1992, 15, July ١ pp.	wildhaber-novikov circular-arc gears	
	Mohamed Ahmed Mahmoud Aid	Journal of Tribology, Transactions of the ASME, July 112، Vol 1990 459. -453.pp	Fatigue failure of gears of circular-arc tooth-profile	16
	Ahmed Mohamed Ahmed Osama Badie Shafiq Abu Ata A. D.. Abdo Fattah	AMSE transactions Vol., ,1990No. 3, 5	Diagnostic spectra catalogues: a powerful means for prediction of faults in machinery	17
	Ahmed	Proceedings of the 1989 international power transmission and gearing conference, Chicago, Illino	A comparative study of lubrication capacity of involute and a circular-arc gears	18
	- أOsama Badie Shafiq Abu Ata A. D.. Abdo الFattah	Wear journal, Vol. 122, No. 1, February -103, pp. 1988 15 ,1988th, 114	Wear of involute helical and circular -arc gears - a comparative study	19
2010	Osama Badie Shafiq Abu Ata	Proceedings of the World Congress on Engineering 2010) WCE2010), The 2010 International Conference of Signal and Image Engineering ،International Association of Engineers (IAENG), Vol. I, pp. 698-	3D Surface Roughness Measurement Using a Light Sectioning Vision System	20

2010	. Osama Badie Shafiq Abu Ata	3 nd Egyptian Engineering Association Conference,21 May ،-Al 2010 30Riyadh, KSA	A Novel Light Sectioning Vision System for a Three Dimensional Surface Roughness Assessment	21
2008	..Nev2011in Mukhtar Ayad Hanna Salwa Abd2010el Raouf Mohamed Alnjuly Osama Badi Shafiq Abu Ata	Rev. Cl?n. Pesq. Odontol., Curitiba, ،3, No. ٤Vol.	An in-vitro study of the physico-mechanical properties of a new esthetic restorative versus dental amalgam	22
2009	Prince Sami Gad Yousef Ibrahim Mohammed Ibrahim Elewa Ammar Osama Badi Shafiq Abu Ata Eladaw	Proc. IMechE, Part B: J. Engineering Manufacture Journal of Engineering Manufacture, Vol. 323	Application of computer vision for the prediction of cutting conditions in milling operations	23
2010	Osama Badi Shafiq Abu Ata Magdy Salah Al- Azab Sawan W. Abbas Adel A. Megahed	Proceedings of the World Congress on Engineering 2010)WCE2010), The 2010 International Conference of Mechanical Engineering ، International Association of Engineers (IAENG), Vol. II, pp. 30, 1635-1630 - July,3June	Application of genetic algorithms to the optimal design of vehicle's driver- seat suspension model	24
2010	Osama Badi Shafiq Abu Ata Magdy Salah Al- Azab Sawan	International Journal of Applied Mathematics and Physics) IJAMP),	Development of Biodynamic Seated Human Model in the Vertical Direction Using Genetic Algorithms	25

	W. Abbas Adel A. Megahed	Global Research Publications, Vol. 2		
2010	Ahmed Mustafa Mohamed al-Bahlul Abdou Abdel Fattah Abdel -Samad Sama El-Sayed Mohamed El-Sayed Abdul Rasul Lugscheider, E	15 th International Thermal Spray Conference and 25-29،Exhibition ,1998May ،	Effect of zirconia on the properties of alumina coatings, ١oth international thermal spary conference and exhibition	26
1999	Ahmed Mustafa Mohamed al-Bahlul El-Sayed Mohamed El-Sayed Abdul Rasul Massaad,N.B	fertilizer plant) international conference on case histories on integrity and failures in industry (CHIFI) -Milan -Italy	Failure in the heat exchangers due to corrosion (a case study on a chemical fertilizer plant) international conference on case histories on integrity and failures in industry (CHIFI (	27
2003	Ahmed Mustafa Mohamed al-Bahlul Yasser, Z. R. Ali	Design Engineering Technical Conference and Computers and Information in Engineering Conference, /PTG-200٣DETC	Improving the Characteristics of Gear Pumps A-Discharge	28
2002	Ahmed Mustafa Mohamed al-Bahlul Yasser, Z. R. Ali	Design Engineering Technical Conference and Computers and Information in Engineering Conference, /PTG-200٣DETC	Improving the Characteristics of Gear Pumps B-Pressure	29
2010	Osama Badeea Shaima Hussain Hamouda I.M. -Elewady Y.A.	Journal of 38Dentistry, Vol.	Influence of chromium interlayer on the adhesion of porcelain to machined	30

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