



المملكة العربية السعودية
وزارة التعليم العالي
جامعة الملك فيصل

جامعة الملك فيصل

كلية العلوم

وكالة الكلية للدراسات العليا والبحث العلمي

الإنتاج العلمي بكلية العلوم

2016-2015

النشاط البحثي المنشور لأعضاء هيئة التدريس والباحثين بكلية العلوم لعام 2016

2016

م	عنوان البحث	أعضاء هيئة التدريس	المجلة (المجلد/العدد/ارقام الصفحات، تاريخ النشر)	مجلة محكمة	مجلة غير محكمة	منشور في مؤتمر	كتب منشورة أو فصل في كتاب منشور
1	Designing an Arabic Handwritten Segmentation System	Mohamed N. I. Ismail , Mohamed E.M. Musa , Bodoor A. Bashir	International Journal of Computer (IJC) Volume 5 Issue 3, p199-209, March, 2016	√			
2	Parameterization and optimization of broadband noise for high-lift devices	AF Pouangué, Chokri Mnasri , S Moreau	Computers & Fluids 140, 308-319, 2016	√			
3	Simulation on Numerical of the Flow of Crowds at the Jamarat Bridge during the Annual Hajj Event	Chokri Mnasri , A. Farhat	Open Journal of Fluid Dynamics 6 (04), 321, 2016	√			
4	Monotonicity properties of the Bessel-Struve kernel	Arpad Baricz, Saiful R Mondal , A. Swaminathan	Bull. Korean Mathematical Society, Vol. 53, No. 6, 1845—1856, 2016	√			
5	Powers of Generalized Bessel and Struve functions	Nisar K S, J Choi, Saiful R Mondal	Advanced Studies in Contemporary Mathematics (Kyungshang) 26(4):627-632 · October 2016	√			
6	Inclusion of the Generalized Bessel Functions in the Janowski Class	Mondal, Saiful R. ; Al Dhuain, Mohammed	Int. J. Anal. Art. ID 4740819, 8 pp., 2016	√			
7	Composition formulas of Bessel-Struve kernel function	Nisar, K. S.; Mondal, S. R. ; Agarwal, P.	Math. Probl. Eng., Art. ID 9560346, 8 pp. 2016	√			
8	Generalized fractional kinetic equations involving generalized Struve function of the first kind	K.S. Nisar, S.D. Purohit, Saiful. R. Mondal	Journal of King Saud University - Science, Volume 28, Issue 2, Pages 167-171, 2016	√			
9	Pathway fractional integral operator	K.S. Nisar, Saiful. R.	Advanced Studies in Contemporary	√			

				Mathematics, Volume 26. No. 1 , 63-70, 2016	Mondal and P.Agarwal	associated with Struve function of first kind	
			√	Physics Letters A vol. 380, 989- 991.2016	Adel Elmandouh	On the integrability of the motion of 3D-Swinging Atwood machine and related problems	10
			√	Astrophysics and Space Science Vol. 361, 182-194, 2016	Adel Elmandouh	On the dynamics of Armbruster Guckenheimer Kim galactic potential in a rotating reference frame	11
			√	Advances in Mathematical Physics Vol. 2016, 8958747, 10 pages, 2016	Hamad Yehia and Adel Elmandouh	Integrable 2D Time-Irreversible Systems with a Cubic second integral	12
			√	Mechanics Research Communications Vol. 78, 25–27, 2016	Hamad Yehia and Adel Elmandouh	A new conditional integrable case in the dynamics of arigid body-gyostat.	13
			√	Abstract and Applied Analysis .Article ID 804209,2016	A.G. Ibrahim and F. Aladsani	Convex sweeping processes with noncompact perturbations and with delay in Banach spaces	14
			√	Electronic J.of Qualitative and Theory of Diff.Equs.,34, 1-22, 2016	J.R.Wang, A. G. Ibrahim, and M.Feckan	Differential inclusions of arbitrary fractional order with anti-periodic conditions in Banach spaaces	15
			√	Applied Mathematical Modelling 40, 85-99, 2016.	Mohammed Sobhy	Hygrothermal vibration of orthotropic double-layered graphene sheets embedded in elastic medium using the two-variable plate theory	16
			√	International Journal of Mechanical Sciences 110, 62-77, 2016.	Mohammed Sobhy	An accurate shear deformation theory for vibration and buckling of FGM sandwich plates in hygrothermal environment.	17
			√	Journal of Mechanics 32(03), 277- 287, 2016	D.S. Mashat, A.M. Zenkour and Mohammed Sobhy:	Investigation of vibration and thermal buckling of nanobeams embedded in an elastic medium under various boundary	18

						conditions.	
			√	British Journal of Mathematics and Computer Science, 18(4), 1-9, 2016	A.I.K. Butt , Waheed Ahmad, Naeed Ahmad	Numerical Based Approach to Develop Analytical Solution of a Steady-state Isothermal Melt Spinning Model	19
			√	Fixed Point Theory and Applications 1(1) · December 2016	Hassen Aydi, Abdelbasset Felhi, Slah Sahmim	Ulam-Hyers stability and well-posedness of fixed point problems for α - λ -contractions on quasi b-metric spaces	20
			√	Journal of Algebra and its Applications- 15, 16 pages, 2016 .	Noômen Jarboui, Salma Trabelsi	Some results about proper overrings of pseudo-valuation domains	21
			√	Journal of Algebra and its Applications, 15, 1650016 [7 pages], (2016)	Noômen Jarboui, Manar El Islam Toumi	A visit to maximal non-ACCP subring	22
			√	Journal of Nonlinear Science and Applications 9(5):3445–3458 , May 2016	Ahmed Al-Rawashdeh, Abdelbasset Felhi, Slah Sahmim , Hassen Aydi, Wasfi Shatanawi	On common fixed points for α – F-contractions and applications	23
			√	Miskolc Mathematical Notes · April 2016	Hassen Aydi, Abdelbasset Felhi , Erdal Karapinar, Slah Sahmim	Hausdorff Metric-Like, generalized Nadler's Fixed Point Theorem on Metric-Like Spaces and application	24
			√	Journal of Nonlinear Science and Applications 9(5):2492–2510 · March 2016.	Hassen Aydi, Abdelbasset Felhi, Slah Sahmim	On common fixed points for (α, ψ) -contractions and generalized cyclic contractions in b-metric-like spaces and consequences	25
			√	Journal of Nonlinear Sciences & Applications (JNSA) 9 (10), 2016 .	A Felhi , H Aydi, D Zhang	Fixed points for α -admissible contractive mappings via simulation functions	26
			√	International Journal of Analysis and Applications 11 (2), 168-182 ,2016.	Abdelbasset Felhi	On Multi-Valued Weakly Picard Operators in Hausdorff Metric-Like Spaces	27
			√	Fixed Point Theory and Applications	A Felhi , H Aydi	Best proximity points and stability	28

				(1), 22, 2016		results for controlled proximal contractive set valued mappings	
			√	J. Adv. Math. Stud 9 (2), 208-225, 2016 .	Abdelbasset Felhi	Some fixed point results for multi-valued contractive mappings in partial b-metric spaces	29
			√	Journal of Nonlinear Sciences & Applications (JNSA) 9 (6) ,2016.	A Felhi, H Aydi	Fixed points in modular spaces via α -admissible mappings and simulation functions	30
			√	Journal of Nonlinear Science and Applications 9, 5202-5218,2016.	H Aydia, A Felhi	On best proximity points for various α -proximal contractions on metric-like spaces	31
			√	J. Nonlinear Sci. Appl 9 (5), 2658-2670,2016.	H Aydi, A Felhi, E Karapınar	On common best proximity points for generalized α - ψ -proximal contractions	32
			√	J. Nonlinear Sci. Appl 9 (5), 2458-2466,2016.	A Felhi, H Aydi	Best proximity points for cyclic Kannan-Chatterjea-Ciric type contractions on metric-like spaces	33
			√	Scientific Annals of the Alexandru Ioan Cuza University of Iasi Mathematics (New series) Tome LXII 2016, f2, vol 1 467-479,2016	Wajdi Touhami	On exit laws for resolvents	34
			√	Mathematical Methods in the Applied Sciences, 2016	Mohamed Jebalia, Anis Khlaifi and Fethi Belgacem	Global convergence results for single parent Evolution Strategies	35
			√	International Journal of Mathematical Modelling and Numerical Optimisation,7(3-4), pp. 259–292,2016	Majed Chemkhi, Mohamed Jebalia and Azmi Makhlouf	Theoretical and Numerical Study of the performance of Pincus Optimization Method	36
			√	Optimization Vol. 65, No. 6, 1245–1257 2016	Mamdouh E. Elborolusy	Efficiency for a generalized form of vector optimization problems in complex space	37
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	international Conference on Mathematics, Statistical and Information Technology (ICMSIT2016) Tanta, Egypt 20-22 Dec 2016				E. A. Youness	Complex Space	
			√	Performance Evaluation, 99,100 , 37-54, 2016	Nabli H. , Abbessi W., Ouerghi H.	Algebraic simplex initialization combined with the nonfeasible basis method	39
	.		√	Scientific Journal of KFU. 17, 25-34, 2016	Nabli H. , Al-Alwan A.	Comments on the transient solution of stochastic fluid models	40
	XIIe Colloque Maghrébin d'histoire des Mathématiques Arabes – Marrakech, Morocco, 2016.		√		Nabli H.	Recueil sur les coniques et leurs applications en mathématiques arabes	41
			√	Journal of King Saud university- Science, 28,178-189, 2016	Fatimah Almuhayfith Abdulhamid Alzaid	On bivariate Poisson regression models	42
			√	Communication in algebra 44 2016: 2455-2474,2016.	Al subaiei, Bana and Renshaw, James	On free products and amalgams of pomonoids	43
			√	Inverse Problems in Science and Engineering, 24(6), 917-935,2016.	Mohammad Alakel Abazid, A. Lakhal, & A.K.	Inverse design of anti-reflection coatings using the nonlinear	44

					Louis	approximate inverse	
			√	Toxicology and industrial health, 2016, 32(3), 457-467	Abdel-Moneim, A. M., Essawy, A. E., El-Din, N. K. B., & El-Naggar, N. M	Biochemical and histopathological changes in liver of the Nile tilapia from Egyptian polluted lakes.	45
			√	Drug design, development and therapy, 2016; 10: 3425–3434	El-Saad, A. M. A., Al-Kahtani, M. A., & Abdel-Moneim, A. M	N-acetylcysteine and meso-2,3-dimercaptosuccinic acid alleviate oxidative stress and hepatic dysfunction induced by sodium arsenite in male rats.	46
			√	Journal of Insect Science Volume 16, Issue 1, 1 January 2016, 106,	Abdelsalam, S. A., Alzahrani, A. M., Elmenshawy, O. M., & Abdel-Moneim, A. M	Spinosad Induces Antioxidative Response and Ultrastructure Changes in Males of Red Palm Weevil <i>Rhynchophorus ferrugineus</i> (Coleoptera: Dryophthoridae).	47
			√	International Journal of Pharmacy and Pharmaceutical Sciences, 2016, 8 (4), 117-122.	Almalki, M. A	In-vitro antibacterial, antifungal, antibiofilm, and antioxidant potentials of isopimpinellin recovered from <i>Citrullus colocynthis</i>	48
			√	Indian Journal for Science and Technology, 2016, (13), 159-172.	Almalki, M. A	In-vitro antioxidant properties of the leaf extract of <i>Mimosa pudica</i> Linn	49
			√	World Journal of Pharmaceutical Sciences, 2016, 4 (3), 518-528.	Sterlin Raj T, Edal Kuvin J, Asha K.R.T Almalki, M. A., Puspharaj A, Raubbin .R.S	Ethnomedicinal survey of availability distribution and utilization of traditionally used medicinal plants of Kanyakumari district	50
			√	Indian Journal of Science and Technology, 2016, 9 (4). 1-7.	Almalki, M. A	Production of Medically Important Lactic Acid by <i>Lactobacillus Pentosus</i> : A Biological Conversion Method	51
			√	Saudi journal of biological sciences 23.1 (2016): 79-86	Khalifa, A. Y., Alsyeeh, A. M., Almalki, M. A., & Saleh, F. A	Characterization of the plant growth promoting bacterium, <i>Enterobacter cloacae</i> MSR1, isolated from roots of	52

						non-nodulating <i>Medicago sativa</i> .	
			√	Applied biochemistry and microbiology 52.4 (2016): 413-420	Al-Sheikh, H., & Yehia, R. S.	In Vitro Antifungal Efficacy of <i>Aspergillus niger</i> ATCC 9642 Chitosan-AgNPs Composite Against Post-Harvest Disease of Citrus Fruits.	53
			√	Journal of Experimental Medicine (2016): jem-20151289	Masuda, K., Ripley, B., Nyati, K. K., Dubey, P. K., Zaman, M. M. U., Hanieh, H. , ... & Katahira, M.	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA.	54
			√	Proceedings of the National Academy of Sciences (2016): 201613307	Zaman, M. M. U., Masuda, K., Nyati, K. K., Dubey, P. K., Ripley, B., Wang, K., ... Hanieh, H. , & Kishimoto, T.	Arid5a exacerbates IFN- γ -mediated septic shock by stabilizing T-bet mRNA.	55
			√	PloS one 11.12 (2016): e0167650	Hanieh, H. , Mohafez, O., Hairul-Islam, V. I. , Alzahrani, A. , Ismail, M. B. , & Thirugnanasambantham, K.	Novel Aryl Hydrocarbon Receptor Agonist Suppresses Migration and Invasion of Breast Cancer Cells.	56
			√	Pakistan Journal of Zoology 48.6 (2016): 1989-1992	Shaan, E. A. S. , Bekhet, G. , Abdelmoaty, Z. , & Ahmad, N. W	First Report on Mosquito Parasitic Mites in Saudi Arabia	57
			√	Plant physiology and biochemistry 108 (2016): 191-202	El-Garhy, H. A., Khatab, S. , Moustafa, M. M., Ali, R. A., Azeiz, A. Z. A., Elhalwagi, A., & El Sherif, F.	Silybin content and overexpression of chalcone synthase genes in <i>Silybum marianum</i> L. plants under abiotic elicitation.	58
			√	Life Science Journal 13.6 (2016)	Khatab, S. El Sherif, F.	Effect of seed vernalization temperature, duration and planting date on growth and yield of <i>Hibiscus sabdariffa</i> plants.	59
			√	European Journal of Biological	Metwally, A. M. , El-	Physiological responses to excess boron	60

				Research 7.1 (2016): 1-8.	Shazoly, R. M., & Hamada, A. M.	in wheat cultivars.	
			√	Environmental Science and Pollution Research 23.21 (2016): 21947-21956	ElMazoudy, R. H., & Bekhet, G. A.	In ovo toxico-teratological effects of aluminum on embryonic chick heart and vascularization.	61
			√	Asian Life Sciences, 2016, 25, 423-444	Bekhet, G. A.	Lateral line system (neuromasts) in larval stages of Bufo dhufrensis: Distribution, morphology, functions and resorption process.	62
			√	International Journal of plant, animal and environmental Volume-6, Issue-2, April-June 2016	Bekhet, G. A.	New aspects of ultrastructural studies on gill filaments and spiracle development of Rana ridibunda Tadpoles.	63
			√	Journal of Plant Sciences, 2016, 4, 63-67	Abdelkader, A. F.	Physiological and Chemical Characteristics of Age-Differed Ficus benjamina L. Trees Cultivated in El-ahassa, Saudi Arabia.	64
			√	Asian Journal of Applied Sciences (ISSN: 2321 – 0893) Volume 04 – Issue 04, August 2016	Moustafa, B. G.,	Ameliorative effect of propolis extract on hepatotoxicity induced by methotrexate.	65
			√	The Egyptian Journal Of Experimental Biology (Zoology) 12.1 (2016): 93-103	Moustafa, B. G., & Rahman, A. M. A.	Evaluation of the role of propolis and myrrah in curing hepatorenal toxicity induced by diabetes in mice.	66
			√	IJBPAS, October, 2016, 5(10): 2555-2571	Ibrahim, R., Mousa, A. I., Dina, M. E. A., Hoda, E., Sayed, E. E., Elenain, G., & Rabab, S	Application of competitive ELISA for detection of Fasciola gigantica tegument-associated antigen in Human Fascioliasis.	67
			√	International Journal of Biology, Pharmacy and Allied Sciences 5.11 (2016): 2730-2745	Aly, I., Elenain, G. E. H. A. N., Hamad, R. S., El-Komy, W. A. F. A. A. Rabab, S, & El-Faramawy,	Assessment of Immunological, Parasitological and Histopathological Parameters After Treatment with Combined Therapy against	68

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			√	Bangladesh J. Bot. 45(5): 1113-1121, 2016 (December)	Nermin ElSemary	Diatoms as bioindicators of littoral zone: a case study.	69
			√	Researcher, 2016;8(9)	El Semary, N. A., Osman, M., & El Sayed, H.	Identification of some cyanobacterial strains by molecular methods.	70
			√	Indian Journal of plant sciences 2015, 4, 88-95	Hoda AbelAziz	Enhancement of drought tolerance of Vicia faba L. via low strength aqueous extract of Nicotiana glauca L. Indian.	71
			√	Asian Journal of Applied Sciences 2016, 4,	Hoda AbelAziz	Probable Organic Fertilizer Production from Olive Mill Solid Waste.	72
				Proceeding of International conference of Applied Microbiology, 2016, March 1-3, 18	Nermin ElSemary Khalifa Ashraf	An initial survey of cyanobacteria dominating Palm trees' beds at Al-Ahsa Oasis and possession of scytonemin pigment: first record.	73
			√	J. of Magnetism and Magnetic Materials, 410, 2016, 10-17	, N. H. O. Saber S. A. Arafat Mohamed	New trend for synthesizing of magnetic nanorods with titanomaghemite structure	74
		√		The 4 th Saudi International Nanotechnology ,2016 Conference	Osama Saber Hifa Alomir and Abdullah A. Al Jaafari	Effect of the morphology of the nanoparticles on the photocatalytic degradation of Acid green dyes	75
			√	Chin. Phys. B, 25/12/2016	H Mahfoz Kotb and Mohamad M Ahmad	Electrical and dielectric properties of $a_{1/2}La_{1/2}Cu_3Ti_4O_{12}$ ceramics prepared by high energy ball-milling and conventional sintering"	76
			√	j. mat. Sci, 2016, 5, 9855	A.H. Farha A. Mansour M. F. Kotkata	Structural, optical, and magnetic study of dilute magnetic semiconducting Co-doped ZnO nanocrystals synthesized using polymer-pyrolysis route	77
			√	Talanta, 153, 107-110, 2016	Talal Saud A. Algarni M. Althagafi Abdullah	A water- gated organic thin film transistor as a sensor for water-borne	78

					AlNaim MartinGrell	amines".	
		√	J. Alloys and Compounds, 656(2016) 132-137		, O. Nasr , B. B. Ilahi Paquette , M.H. Hadj Alouane , N. Chauvin , B. Salem , L. Sfaxi , C. Bru- Chevalier , D. Morris , R. Ares , V. Aimez , H. Maaref	Thermally activated inter-dots carriers' transfer in InAs QDs with InGaAs underlying layer: Origin and dependence on the post-growth intermixing	79
		√	Nature and Science (2016);14(2)		A. Sedky , M. I. Youssif and T. A. El-Brolossy	Photoacoustic and Ac Impedance Measurements for ZnO Varistors with ZnO Nanoparticles Addition	80
		√	Applied radiation and Isotops, 107 (2016) 265-269		M.BenTekaya S.Chagren N.Reguigui F.Gharbi	Efficiency transfer using the GEANT4 code of CERN for HPGe ..gamma spectrometry	81
		√	JMEST, vol. 3,4 (2016)		M. Abu-Abdeen , A. I. Aboud , G. H. Ramzy	Thermo-Mechanical, Rheological, Dynamic Mechanical and Tensile Properties of Poly(3- Octyltiophene/Polystyrene (P3OT/PS)	82
		√	Electronic Materials and Applications 2016, Orlando, Florida, Jan 20-22, 2016.		Mohamad M. Ahmad	Understanding the ionic conductivity enhancement in lithium conducting garnets	83
		√	Electronic Materials and Applications 2016, Orlando, Florida, Jan 20-22, 2016.		Mohamad M. Ahmad	Conventional and spark plasma sintering of Na _{1/2} Bi _{1/2} Cu ₃ Ti ₄ O ₁₂ giant dielectric ceramics	84
		√	Dalton Trans., 2016, 45, 2261-2272.		M. S. S. Adam , M. K. Kindermann , P. G. Jones , J. W. Heinicke	3H-1,3-Azaphospholo[4,5-b]pyridines - novel heterocyclic P,N-bridging or hybrid ligands: Synthesis and first d ⁸ - transition metal complexes	85
		√	Turkish Journal of Chemistry, 40,		Abdelwahed SAYED ,	A convenient route for the synthesis of	86

				(2016), 184-191.	Yasser ZAKI, Emad AISH	new thiadiazoles	
			√	Tetrahedron Lett. 2016, 57, 110-112	, Ibrahim Elghamry YasairAl-Faiyz	A simple one-pot synthesis of quinoline-4-carboxylic acids by Pfitzinger reaction	87
			√	BIO-MEDICAL MATERIALS and ENGINEERING 27 (2016) 87-99	A. H. Touny, Mohammed A. Al-Omair, M. M. Saleh	Biodegradable/Biocompatible Coated Metal Implants for Orthopedic Applications	88
		-	√	RSC Adv., 2016, 6, 25503-25510. (2 nd March 2016)	N. S. Sheikh	Captodative substitution induced acceleration effect towards 4π electrocyclic ring-opening of substituted cyclobutenes	89
			√	Int. J. Electrochem. Sci., 10 (2016) 612-639.	A. M. Ghonim , B. E. El-Anadouli , M. M. Saleh	Electrochemical Deposition of Nickel Oxide Nanocatalyst on Anodically Pretreated Glassy Carbon and its Electrocatalytic Activity	90
			√	Bulletin of the Chemical Society of Japan 89 (2016) 1465-1461	F. A. Al-Odail, M. M. Saleh	Empirical Simulation of the I-E Curves of H ₂ /Air PEM Fuel Cell at Asymmetric Relative Humidity	91
			√	Current Organic Synthesis, 2016, 13, 445-455	Thoraya A. Farghaly, Sobhi M. Gomha, Abdelwahed R. Sayed and Mohammed A. Khedr	Hydrazonoyl halides as precursors for synthesis of bioactive thiazole and thiadiazole derivatives Synthesis, molecular docking and pharmacological study	92
			√	Nucleosides, Nucleotides and Nucleic Acids, 35 (5) (2016) 259-276	Hassan H. Hammud* , Mohammad H. El-Dakdouki, Nada Sonji, Ghassan Sonji, Kamal H. Bouhadir	Interactions of Some Divalent Metal Ions with Thymine and Uracil Thiosemicarbazide Derivatives	93
√				LAP Lambert Academic Publishing,	A. Touny, Mohammed A.	Metal Implants for Hard Tissue	94

				ISBN: 978-3-659-96706-1 (2016).	Al-Omair, M.M. Saleh	Restoration	
			√	JJ Enzyme. 2 (1): 011, 2016	M. M. Youssef, and H. Elsayy	Molecular Cloning, Overexpression, Purification, Immobilization and characterization of Lipase from <i>Staphylococcus pasteurii</i>	95
			√	Vol. 46(8) 1598–1615 2017 accepted 2016	M Gouda , AA Hebeish and AI Aljaafari	New route for development of electromagnetic shielding based on cellulosic nanofibers	96
			√	Materials Chemistry and Physics 174 (2016) 91-99	M. S. M. Ahmed, Z. A. Abdallah, Mahmoud M. Saleh	Organic Synthesis and Inhibition Action of Novel Hydrazone Derivative for Mild Steel Corrosion in Acid Solutions	97
			√	J. Sol. Chem., 2016, 45, 772-790.	M. S. S. Adam , U. El-Ayaan, A. D. M. Mohamad	Oxidation efficiencies of high spin Fe(II)-azo amino acid complexes by potassium peroxydisulfate. Initial state-transition state solvation effects	98
			√	Phosph. Sulf. & Silicon and RE, 2016, 191(3), 548-557.	M. S. S. Adam , M. Ghalib, G. J. Palm, P. G. Jones, J. W. Heinicke	Pyrido-anellated 1,3-azaphospholes – current state and future challenges	99
			√	Chemistry Central Journal (2016), 10, 17/1-17/13.	Zaki, Yasser Hassan; Sayed, Abdelwahed Rashad ; Elroby, Shaaban A.	Regioselectivity of 1,3-dipolar cycloadditions and antimicrobial activity of isoxazoline, pyrrolo[3,4-d]isoxazole-4,6-diones, pyrazolo[3,4-d]pyridazines and pyrazolo[1,5-a]pyrimidines	100
	√		√	Fifth student conference , Ministry of education, King Faisal University, March 2016	Muneera Alfrhan, Hassan Hammud , Mohammed Al-Omair , Mervat Mosad	Removal of dyes from water using residues from molasses date manufacture	101
			√	Current Analytical Chemistry, 12, (2016) 397-416	Hassan H. Hammud* , Shawky El-Shazly, Ghassan Sonji, and Kamal H.	Solvent Effect Studies on the Absorption and Fluorescence Spectra of Adenine, Thymine and Uracil	102

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			√	Catal. Lett., 2016, 146(8), 1373–1396.	L. H. Abdel-Rahman, A. M. Abu-Dief, M. S. S. Adam , S. K. Hamdan	Some new nano-sized mononuclear Cu(II) Schiff base complexes: design, characterization, molecular modeling and catalytic potentials in benzyl alcohol oxidation	103
			√	Jordan Journal of Chemistry 11 (4), 205-215, 2016	Qutaiba Abu-Salem and Basem F. Ali	Supramolecular structures of trimethylphenylammonium cation crystallized with iodide and hydrogen sulfate anions	104
			√	J. Heterocycl. Chem. 2016, 53, 255-262.	Abdelwahed R. Sayed , Sobhi M. Gomha, and Thoraya A. Farghaly.	Synthesis and characterization of bis-imidazoles, bis-triazoles, bis-thiadiazoles and bis-thiazoles from novel bis- hydrazonoyl dichlorides.	105
			√	AATCC Journal of Research, Vol. 3, No. 3 May/June 2016	M. Gouda , K. M. Haggag, W. E. Boraie , A. Aljaafari and Y. Al-Faiyz ,	Synthesis and Characterization of Inorganic Pigment Nanoparticles for Textile Coloration Using Microwave Techniques	106
			√	J. Heterocycl. Chem. 2016, 53(3), 1505	Sobhi M. Gomha, Thoraya A. Farghaly, Abdelwahed R. Sayed and Mohamed M. Abdalla.	Synthesis of pyrazolyl-pyrazoles and pyrazolyl[1,2,4]-triazolo[3,4-d][1,5]benzothiazepines as p53 activators using hydrazonoyl chlorides	107
	√		√	The 22nd International Scientific Conference of LAAS, April 14-15, 2016, Kaslik Campus, Holy Spirit University of Kaslik, Beirut, Lebanon	Rola El-Tabesh, Rami Al-Oweini, Hassan H. Hammud , Ashraf M. Abdel-Gaber	Synthesis, Characterization, and Electrochemical Studies of Organically-Modified Transition Metal-Containing Complexes	108
			√	Journal of Fluorescence 26 (4), 1447-1455, 2016	Mohammad M. Ibrahim, Mahmoud Al-Refai, Khurshid Ayub and Basem F. Ali	Synthesis, Spectral Characterization and Fluorescent assessment of 1,3,5-Triaryl-2-pyrazoline Derivatives: Experimental and Theoretical Studies	109

			√	Journal of Chemical Crystallography 46 (8), 331-340, 2016	Mahmoud Al-Refai, Mohammad M. Ibrahim, Armin Geyer, Michael Marsch and Basem F. Ali	Synthesis, spectroscopic characterization and X-ray structure analysis of 6-(2,5-dichlorothiophen-3- yl)-2-methoxy-4-(4- methoxyphenyl)pyridine-3-carbonitrile	110
			√	International Journal of Pharmacology, Year: 2016 Volume: 12 Issue: 4 Page No.: 429-434	B. Elmahdi, M.A. Al- Omair , A.A. El-Bessoumy and S.M. El-Bahr	Therapeutic and Biochemical Effects of Garlic (Allium sativum) on Acrylamide Toxicity in Rabbits: Glycolytic Pathway	111
			√	RSC Adv., 2016, 6, 10549-10556. (19 th January 2016)	N. S. Sheikh	Type-I dyotropic rearrangement for 1,2- disubstituted cyclohexanes: substitution effect on activation energy	112
			√	Int. J. Electrochem. Sci., 11 (2016) 1310 - 1326	RH Tammam, AM Fekry, MM Saleh	Understanding Different Inhibition Actions of Surfactants for Mild Steel Corrosion in Acid Solution”	113
			√	Chem. Commun., 2016, 52, 12302-12305. (21 st September 2016)	T. D. Svejstrup, W. Zawodny, J. J. Douglas, D. Bidgelli, N. S. Sheikh and D. Leonori	Visible-light-mediated generation of nitrile oxides for the photoredox synthesis of isoxazolines and isoxazoles	114