



المملكة العربية السعودية
وزارة التعليم
جامعة الملك فيصل

جامعة الملك فيصل

كلية العلوم

وكالة الكلية للدراسات العليا والبحث العلمي

الإنتاج العلمي بكلية العلوم

2018-2017

النشاط البحثي المنشور لأعضاء هيئة التدريس والباحثين بكلية العلوم لعام 2018

2018

م	أعضاء هيئة التدريس	عنوان البحث	المجلة (المجلد/العدد/ارقام الصفحات، تاريخ النشر)	مجلة محكمة	مجلة غير محكمة	منشور في مؤتمر	كتب منشورة او فصل في كتاب منشور
1	Dahoud, M. S., Abdel-Rahem, R. A., Farrag, E. A., Ibrahim, S. S., Ayesh, A. S., & Alshoaibi	Rheological and electrical properties of multiwalled carbon nanotubes–polyvinyl alcohol nanocomposites treated at different pH conditions.	Journal of Thermoplastic Composite Materials, 0892705718799831 . (2018).	√			
2	Abdullah F Al Naim	Damping in the Interaction of a Field and Two Three-Level Atoms Through Quantized Caldirola–Kanai Hamiltonian	Journal Journal of Russian Laser Research 2018 Volume39,Issue3,Pages231-241	√			
3	Faisal Al-Odail, Javed Mazher et. al	1. “A Density functional theory study of Structural, electronic and magnetic properties of small Pd n Ag (n= 1-8) clusters”	2. Computational and Theoretical Chemistry, Volume 1125, 1 February 2018, Pages 103-111.	√			
4	F Benyettou, Javed Mazher et. al	3. “Palladium-loaded cucurbit [7] uril-modified iron-oxide nanoparticles for C-C cross-coupling reactions”	Chemistry-A European Journal. Volume24, Issue10, February 16, 2018, Pages 2349-2353	√			

			√	Acta Metallurgica Sinica (English Letters) 31 (2018) 533–546.	Fast degradation of green pollutants through nanonets and nanofibers of the Al-doped zinc oxide	Osama Samer	5
			√	Journal of Natural Gas Science and Engineering 54 (2018) 72–82	The activity of Mg-Al layered double hydroxides intercalated with nitrogen containing anions towards the removal of carbon dioxide from natural gas		6
			√	ChemistryOpen 7 (2018) 833 – 841	Accelerating the Photocatalytic Degradation of Green Dye Pollutants by Using a New Coating Technique for Carbon Nanotubes with Nanolayered Structures and Nanocomposites		7
			√	Applied Science 8 (2018) 2099	Designing Magnetic Layered Double Hydroxides and Two-Dimensional Magnetic Nano-Nets of Cobalt Ferrite through a Novel Approach		8
			√	Journal of Alloys and Compounds, (753, 813-820, 2018)	Effect of (Cd, Al) Co-doping and Hydrogenation on the Long-Range Ferromagnetic Ordering of ZnO: Experimental and DFT Studies	Mohammed Benali Kanoun	9
			√	Journal of Alloys and Compounds, (748, 938-942, 2018)	Tuning magnetic properties of two-dimensional MoTe ₂ monolayer by doping 3d transition metals: Insights from first principles calculations		10

			√	The Journal of Physical Chemistry C, 122, 2983–2989, 2018)	Shaping the Magnetic Properties of BaFeO ₃ Perovskite-Type by gAlkaline earth Dopin		11
			√	Journal of Molecular Modeling, 24, 48, 2018)	Electronic and Optical Properties of Functionalized zigzag ZnO nanotubes		12
			√	Materials Express 8, 353–360 (2018)	“Uniaxial tension/compression effects on the electrical properties of carbon nanotube bundles: A first-principles study	Saed A. Salman, Jamal A. Talla, and Mohd A. Al-Othoum	13
			√	Results in Physics 8, 587–591(2018)	Fabrication and micromagnetic modeling of barium hexaferrite thin films by RF magnetron sputtering”	Alaaedeen R. Abuzir , Saed A. Salman “	14
			√	Computational Condensed Matter, Vol. 16, e00311, 2018	“Haeckelite structure, carbon nanotube, optical properties, transverse electric field, and density functional theory.”	Jamal Talla, Mazen Nairat, Khaled Kheleh, Abdrahman Ghozlan, Saed A.Salman	15
			√	J. Phys. Chem. A. (American Chemical Society) (2018) accepted: DOI: 10.1021/acs.jpca.8b00269.	On the Equivalence Between the Classical and Quantum IR Spectral Density Approaches of Weak H-bonds in Absence of Damping	Najeh Rekik, Jamal Suleiman, Paul Blaise and Marek J. Wojcik.	16
			√	Journal of Alloys and Compounds Vol. 746, 370-376 (2018)	The influence of nitrogen pressure on formation of niobium nitride by thermal processing	Ashraf Farha	17
			√	Journal of Statistical Mechanics: Theory and Experiment (JSTAT)	Purity temperature dependency for coupled	Abdeldjalil MERDACI	18

				093101 1742-5468 2018	harmonic oscillator		
			√	Electronic Materials Letters (2018) 14:587–593	Influence of Iron Doping on Structural, Optical and Magnetic Properties of TiO ₂ Nanoparticles	Syed Ghazanfar Hussain	19
			√	Plasmonics springer US 1557-1966, Sep 2018.	Tip-Enhanced Second Harmonic Generation: an Approach for Hyper-Raman Spectroscopy	Chawki Awada	20
			√	ACS Omega, 2018, 3 (2), 1581-1588	Facile Synthesis of SnS ₂ Nanostructures with Different Morphologies for High-Performance Supercapacitor Applications	N. Parveen, Sajid Ali Ansari, [†] H. R. Alamri, M. O. Ansari, Z. Khan, and M. H. Cho (Corresponding author)	21
			√	Electrochimica Acta, 2018, 268, 82-93	Solid-state symmetrical supercapacitor based on hierarchical flower-like nickel sulfide with shape-controlled morphological evolution	N. Parveen, Sajid Ali Ansari, [†] S. G. Ansari, H. Fouad, N. M. Salam, and M. H. Cho. (Corresponding author)	22
			√	New Journal of Chemistry, 2018, 42, 5859-5867.	Lithium ion storage ability, supercapacitor electrode performance, and photocatalytic performance of tungsten disulfide nanosheets	M. Z. Ansari [†] , Sajid Ali Ansari [†] , N. Parveen, M. H. Cho, and T. Song. ([†] equal contribution)	23
			√	Journal of Materials Science: Materials in Electronics, 2018, 29 (11), 9108-9116	Mechanochemical synthesis of melamine doped TiO ₂ nanoparticles for dye sensitized solar cells application	A. Kotta [†] , Sajid Ali Ansari [†] , N. Parveen, H. Fouad, H. K. Seo, and Z. A. Ansari. ([†] equal contribution)	24
			√	Journal of Materials Science: Materials in Electronics, 2018, 29, 7792-7800.	Simple and sustainable route for large scale	Sajid Ali Ansari [†] , R. Kumar [†] , M. A. Barakat, ^c and M. H. Cho,	25

					fabrication of few layered molybdenum disulfide sheets towards superior adsorption of the hazardous organic pollutant	(†equal contribution)	
			√	Science of Advanced Materials (Vol. 10, Issue 1, Pages 124-129, 2018/1/1)	Tuning of the Blocking Temperature of Superparamagnetic α -Fe ₂ O ₃ Nanoparticles by Sb Doping	Faheem Ahmed, Nishat Arshi, MS Anwar, Edreese Alsharaeh, Bon Heun Koo, Ameer Azam	26
			√	Science of Advanced Materials (Vol. 10, Issue 3, Pages 349-355, 2018/3/1)	Green Synthesis of Zinc Oxide Nanoparticles Using Alstonia Macrophylla Leaf Extract and Their In-Vitro Anticancer Activity	Mohamed F Al-Ajmi, Afzal Hussain, Edreese Alsharaeh, Faheem Ahmed, Samira Amir, MS Anwar, Maqsood A Siddiqui, Abdulaziz A Al-Khedhairi, BH Koo	27
			√	Journal of Nanomaterials Article ID 3692420, 2 pages, 2018/08/29	Advanced Nanomaterials for Biological Applications	Faheem Ahmed, Ameer Azam, Mohammad Mansoob Khan, Samuel M Mugo	28
			√	International Journal of Heat and Mass Transfer 124 (2018) 841-859	Numerical simulation of entropy generation due to unsteady natural convection in a semi-annular enclosure filled with nanofluid	Basma Souayah	29
			√	25, No 8* Aug (2018) Wulfenia Journal.	Numerical simulation of Natural convection heat transfer performance in a square cavity with source of heater and cooler inside: hybrid nanofluid and random temperature	Basma Souayah	30
	Proceedings of ISER International Conference, Dammam,				Bifurcation Techniques of Fluid Flow in Lid-Driven Cavity with Different Wake Parameters	Basma Souayah	31

	Saudi Arabia, 13th-14th September 2018						
	International conference on Heat Transfer and Fluid Flow					“Bifurcation Techniques of Fluid Flow in Lid-Driven Cavity with Different Wake Parameters”	Celine Joseph 32
√						Title Chapter: Modeling of Nanosheets Based on Transition Metal Dichalcogenides for Spintronic Applications: Insights from First Principles. Book titled, Nano-sized Multifunctional Materials.	Mohammed Benali Kanoun 33
√						Conducting Polymer Nanocomposites as Gas Sensors	Mohammad Omaish Ansari Sajid Ali Ansari Moo Hwan Cho Shahid Pervez Ansari Mohamed Shaaban Abdel- wahab Ahmed Alshahrie 34
			√		Saudi Journal of Biological Sciences, doi.org/10.1016/j.sjbs.2018.07.001.	Silver Nanoparticles Synthesized Using The Seed Extract Of <i>Trigonella Foenum-Graecum L.</i> And Their Antimicrobial Mechanism And Anticancer Properties	Mohammed Almalki 35
			√		International Journal of Current Microbiology and Applied Sciences, Vol 7 (3), 1341-1348	Solid state fermentation of agro-residues for the production of amylase from <i>Bacillus subtilis</i> for industrial applications	Mohammed Almalki 36

			√	Bone. 2018 May;110: 221-229.	Secreted Clusterin protein inhibits osteoblast differentiation of bone marrow mesenchymal stem cells by suppressing ERK1/2 signaling pathway.	Abdullah Alzahrani	37
			√	Journal of Mycol Med. 2018 Mar;28(1):143-149.	Traditionally practiced medicinal plant extracts inhibit the ergosterol biosynthesis of clinically isolated dermatophytic pathogens	Hairu Alislam	38
			√	Biomedical Research (2018) Volume 29, Issue 17	Antibiotic susceptibility and plasmid profile of clinical isolates of Escherichia coli.	Hairu Alislam	39
			√	Stem Cells, 2018 DOI:10.1002/stem.2955 (In press)	TAF2 induces skeletal (stromal) stem cell migration through activation of Rac1-p38 signaling	Basim Abdullah	40
			√	Bone 2018 May;110:312-320.	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice.	Basim Abdullah	41
			√	Bone. 2018 May;110: 221-229.	Secreted Clusterin protein inhibits osteoblast differentiation of bone marrow mesenchymal stem cells by suppressing ERK1/2 signaling pathway.	Basim Abdullah	42
			√	Journal of Plant Research https://doi.org/10.1007/s10265-018-1008-y	The role of calcium, silicon and salicylic acid treatment in protection of canola	Ashraf Metwli	43

					plants against boron toxicity stress		
			√	Journal of Plant Nutrition (In press)	Salicylic acid or thiamine increases tolerance to boron toxicity stress in wheat	Ashraf Metwli	44
			√	Toxicology and Industrial Health 34(5), pp. 301-314 (2018)	Monitoring metal levels in water and multiple biomarkers in the grouper <i>Epinephelus tauvina</i> to assess environmental stressors on the Arabian Gulf coast of Saudi Arabia	Ashraf Abdulmoniem	45
			√	Indian Journal of Animal Research (2018) DOI: 10.18805/ijar.B-910	Pattern of renal pathology in fish from Al-Hassa waterways, Saudi Arabia	Ashraf Abdulmoniem	46
			√	Indian Journal of Animal Research · June 2018	Pattern of renal pathology in fish from Al-Hassa waterways, Saudi Arabia	Abdullah Saied	47
			√	Tropical biomedicine journal issue volume 36 No .1)8(201 In press	“Reliability of egg rafts electron micrographs for confirming the taxonomic status of <i>Culex pipiens</i> mosquitoes collected from AlAhsa, Eastern Saudi Arabia”	Gamal Bakhit	48
			√	International Journal of Systematic and Evolutionary Microbiology, ;68(8):2587-2592. doi: 10.1099/ijsem.0.002882.	<i>Ferrigenium kumadai</i> gen. nov., sp. nov., a microaerophilic iron-oxidizing bacterium isolated from a paddy field soil.	Ashraf Khalifa	49
			√	Saudi Journal of Biological Sciences (https://doi.org/10.1016/j.sjbs.2018.05.015) . (2018). In press	Polyphasic characterization of <i>Delftia acidovorans</i> ESM-1, a facultative methylotrophic bacterium	Ashraf Khalifa	50

					isolated from rhizosphere of <i>Eruca sativa</i> .		
			√	Asian Journal of Microbiology, Biotechnology and Environmental Sciences , 20(3):79:86, (2018)	Metabolic diversity of the diesel-oil-degrading bacterium, <i>Achromobacter pulmonis</i> HDK3, obtained from Eastern region of Saudi Arabia.	Ashraf Khalifa	51
			√	, 2018 Oct Environmental Monitoring and Assessment 29;190(11):685	Bacterial contamination and health risks of drinking water from the municipal non-government managed water treatment plants	Rami Yahya	52
			√	Natural Product Research In Press doi.org/10.1080/14786419.2018.1446135	Isolation and identification of new anthraquinones from <i>Rhamnus alaternus</i> L and evaluation of their free radical scavenging activity.	Rabie Bin Ammar	53
			√	European Journal of Immunology 2018 Apr;48(4):593-604	<i>Arid5a</i> stabilizes OX40 mRNA in murine CD4+ T cells by recognizing a stem-loop structure in its 3'UTR.	Hamza Hanieah	54
			√	Marine drugs. 16:217-	Cyanobacteria as Nanogold Factories: Chemical and Anti-Myocardial Infarction Properties of Gold Nanoparticles Synthesized by <i>Lyngbya majuscula</i> . Mar. Drugs 2018, 16, 217	Nermin Alsemary	55
			√	Bangladesh Journal of Botany 47(3):523-531	Use of algae from an oasis in Saudi Arabia in production of biofuel and	Nermin Alsemary	56

					bio-fertilizer		
			√	Bangladesh J. Bot. 47(2): 307-312, 2018 (June)	Protein fraction obtained from Egyptian isolates of Cyanobacteria has restriction activities	Nermin Alsemary	57
			√	Appl. Sci. 8(10), 1922; https://doi.org/10.3390/app8101922 IP 1.67	Green Synthesis of Iron Nanoparticles by Acacia nilotica Pods Extract and Its Catalytic, Adsorption, and Antibacterial Activities.	Iman Afkar	58
			√	Toxicology and industrial Health. 2018; 34(5), pp. 301-314	Monitoring metal levels in water and multiple the grouper biomarkers in Epinephelus tauvina to environmental assess Stressors on the Arabian Gulf coast of Saudi Arabia.	Marwah Ginanah	59
			√	Experimental Parasitology. 2018, 194: 53-59	DNA vaccination using recombinant Schistosoma mansoni fatty acid binding protein (smFABP) gene	Rabab Salem	60
			√	Acta Tropica. 2018, 177: 19-24	Advantages of bioconjugated silica-coated nanoparticles as an innovative diagnosis for human toxoplasmosis	Rabab Salem	61
			√	Biol Trace Elem Res. 181(1):112-121	Trace Element Determination and Cardioprotection of Terminalia pallida Fruit Ethanolic Extract in Isoproterenol Induced Myocardial Infarcted Rats by ICP-MS	Manal Alfwyers	62

			√	J. Camel Practice and RES..24:(3)1-4	Middle east respiratory syndrome 66coronavirus in healthy and diseased dromedaries	Manal Alfwyers	63
			√	Indian Journal Of Animal Research. Online ISSN:0976-0555 DOI: 10.18805/ijar.B-910	Pattern of renal pathology in fish from Al-Hassa waterways, Saudi Arabia.	Manal Alfwiyers	64
			√	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	Metabolic Diversity of the Diesel-Oil-Degrading bacterium, Achromobacter pulmonis HDK3, Obtained from Eastern Region of Saudi Arabia	Monirah Aldayel	65
			√	Journal of King Abdu-Aziz University . (2018), in press	Study on GSI and HSI of Portunus pelagicus at two polluted areas along the Coast of Alexandria, Egypt. Accepted for publication in Scientific Journal of King Abdul-Aziz University. (Accepted for publication in Journal of King Abdul-Aziz University "KAUJ" on line).	Halah Mohsin	66
			√	IJPSR, 2018. In Press	'Inflammation could induce coagulation complications in mice treated with monosodium glutamate	Gihan Badr	67
			√	Egypt. J. Chem.Vol. 61, No. 4, pp. 691 - 703 (2018)	Anti-Helicobacter Pylori, Anti-Diabetic and Cytotoxicity Activity of Biosynthesized Gold Nanoparticles Using Moricandia nitens Water Extract	Heba Abdolmoty	68
			√	Mashhour, A., Al Mansour, Z., Al Hallaj, A.S., Ali,	P19 Cells as a Model for	Zainab Almansour	69

				R., Trivilegio, T. and Boudjelal, M., 2018. P19	Studying the Circadian Clock in Stem Cells before and after Cell Differentiation		
√					أساسيات علم المناعة	Rabab Salem etc.	70
√					CRC press- Taylor and Francis group MicroRNA: Perspectives in Health and Diseases	Hairu Alislam	71
√					الحمض النووي والتقنية الحيوية (مترجم)	Hoda Abdulaziz etc.	72
			√	Acta Pharm. 68 (2018) 8 pages https://doi.org/10.2478-2018-0020	Spectrofluorimetric method for atenolol determination based on gold nanoparticles	Esam Bakir Mohamed Gouda, Ahmed Alnajjar and Waleed E. Boraie	73
	International cellulose conference Energy, materials and nanotechnology meeting, September 10 to 14, 2018, Barcelona, Spain				Synthesis of Cellulose-graft-HEMA Copolymer Nanofiber Membrane to Remove Heavy Metal Ions	M. Gouda and A. Aljaafari	74
			√	International Journal of Nanoelectronics and Materials Accepted for publication 2018	An effective and novel approach for enhancement of the oxidative thermal stability of multiwalled carbon nanotube	M. Abu-Abdeen, M. Gouda, Osama Saber, Javed Mazher	75
			√	Chinese Journal of Polymer Science (2018) https://doi.org/10.1007/s10118-018-2101-3	A Facile Synthetic Route to Novel Polyamides Based on Thieno[2,3-b]thiophene and Their Application for Corrosion Inhibition Behavior	Hany M. Abd El-Lateef	76

			√	Journal of Molecular Liquids 268 (2018) 497–505.	Adsorption and removal of cationic and anionic surfactants using zero-valent iron nanoparticles	Hany M. Abd El-Lateef, Mai M. Khalaf, Mahmoud Saleh	77
			√	J. Mol. Liq., 2018, 250, 207-322	Anionic oxide-vanadium Schiff base amino acid complexes as potent inhibitors and as effective catalysts for sulfides oxidation: Experimental studies complemented with quantum chemical calculations"	M.S.S. Adam, H.M. Abd El-Lateef	78
			√	J. Photochem. Photobio. B, 2018, 184, 34-43	Biological potential of oxo-vanadium salicyledieneamino-acid complexes as cytotoxic, antimicrobial, antioxidant and DNA interaction"	M.S.S. Adam, H. Elsaywy	79
			√	Nanoscience & Nanotechnology-Asia, 2018, 8(2), 263-280	Carbon-Cobalt Nanostructures as an Efficient Adsorbent of Malachite Green	Hassan Hamoud	80
			√	Polyhedron, 2018, 151, 118-130 .	Catalytic (ep)oxidation and corrosion inhibition potentials of Cu ^{II} and Co ^{II} pyridinylimino phenolate complexes",	M.S.S. Adam	81
			√	Appl. Organometal. Chem., 2018, 32, e4234 .	Catalytic activity of nickel(II), copper(II) and oxovanadium(II)-dihydroindolone complexes towards homogeneous oxidation reactions"	M.S.S. Adam	82
			√	Reac. Kinet. Mech. Cat., 2018, 124, 779-805.	Catalytic performance of binary and ternary	M.S.S. Adam, A.M. Hafez, I. El-Ghamry	83

					oxovanadium complexes of dipyridinyl-urea in (ep)oxidation of cis-cyclooctene and 1-octene”,		
			√	Mar. Drugs 2018, 16, 217.	Cyanobacteria as Nanogold Factories: Chemical and Anti-Myocardial Infarction Properties of Gold Nanoparticles Synthesized by <i>Lyngbya majuscula</i> ,	Esam M. Bakir	84
			√	Structural Chemistry Volume 29, Issue 4, pp 1085–1094, 2018	DFT study of the infrared and Raman spectra of photochromic Fulgide; 3Dicyclopropylmethylene-4-E-[1-(2,5-dimethyl-3-furyl) ethylidene]-5-(4-nitrophenylcyanomethylene tetrahydrofuran-2-one.	Faisal A. Alodail Shar S. Al-Shihry	85
			√	Applied Catalysis B: Environmental, 224 (2018) 1017-1026	Electrocatalytic oxidation of formaldehyde on nanoporous nickel phosphate modified electrode”	Mahmoud M. Saleh,	86
			√	Int. J. Electrochem. Sci., 13 (2018) 1042-1050	Enhanced Methanol Oxidation on Nanoporous Nickel Phosphate Modified Platinum Electrode in Alkaline Solution”	A. H. Touny, Mahmoud M. Saleh	87
			√	Ceramics International 44 (2018) 16543–16547.	Fabrication of Biphasic Calcium Phosphates Nanowhiskers by Reflux Approach	A.H. Touny, Mahmoud M. Saleh	88
			√	International Journal of Environmental Science and Technology (2018) https://doi.org/10.1007/s13762-018-1790-z .	Fine-template synthetic process of mesoporous TiO ₂ using ionic/nonionic	Hany M. Abd El-Lateef, Mai M. Khalaf	89

					surfactants as potential remediation of Pb(II) from contaminated soil		
			√	Journal of Applied Science S Accepted Manuscript	Green Synthesis of Iron Nanoparticles by Acacia Nilotica Pods Extract and its Catalytic, Adsorption, and Antibacterial Activities	Dr. Amel Musa Dr. Enshrah Danaa Dr. Iman Afkar	90
			√	Beilstein J. Nanotechnol. 2018, 9, 2916–2924.	Time-resolved universal temperature measurements using NaYF ₄ :Er ³⁺ , Yb ³⁺ upconverting nanoparticles in an electrospray jet	Arwa A. Alaulamie,	91
			√	J. Electroanalytical Chemistry 823 (2018) 128–136.	Mesoporous NiPh/carbon fibers nanocomposite for enhanced electrocatalytic oxidation of ethanol”	M.E. Abdesalam, Mahmoud M. Saleh	92
			√	Toxicol and Health. 2018, 34 (5); 301-314	Monitoring metal levels in water and multiple biomarkers in the grouper Epinephelus tauvina to assess environmental stressors on the Arabian Gulf coast of Saudi Arabia.	Abdel-Moneim AM, Elsawy H, Hafez A.M, Genena MA	93
			√	Plasmonics 13 (2018) 1795-1802.	Optical and Photocatalytic Measurements of Co-TiO ₂ Nanoparticle Thin Films	Hany M. Abd El-Lateef, Mai M. Khalaf	94
			√	European Journal of Inorganic Chemistry, 2018, 24, 2821-2825.	Palladium-Catalyzed Halogen Exchange Reactions at closo- and nido-Carboranes	Khalil A.	95
			√	Chemistry A European Journal Volume 24, Issue10 Pages 2349-2353	Palladium-Loaded Cucurbit[7]uril-Modified Iron Oxide Nanoparticles	Hassan Traboulsi	96

				February 16, 2018	for C–C Cross-Coupling Reactions		
			√	Angew. Chem. Int. Ed., 2018, 57, 12945–12949. 29 August 2018	Photoinduced remote functionalizations of amides and amines using electrophilic nitrogen-radicals	Dr Nadeem Sadiq Sheikh	97
			√	Angew. Chem. Int. Ed., 2018, 57, 744–748. 4 December 2017	Photoinduced remote functionalizations via iminyl radical-promoted C–C and C–H bond cleavage cascades	Dr Nadeem Sadiq Sheikh	98
			√	Synthesis, 2018, 50, 821–830. 2 January 2018	Photoredox synthesis of aryl-hydroxylamines from carboxylic acids and nitrosoarenes	Dr Nadeem Sadiq Sheikh Mohammed A. Alkhalifah	99
			√	Macromolecular Research (2018) DOI 10.1007/s13233-018-6124-y	Polyhydrazide Incorporated with Thiadiazole Moiety as Novel and Effective Corrosion Inhibitor for C-Steel in Pickling Solutions of HCl and H ₂ SO ₄	Hany M. Abd El-Lateef, Abd El-Wahed Rashad	100
			√	Patent (2018) Attorney Docket No: 32087.13, applicator KFU	Porphyrin-based catalyst for water splitting	M. Abdelsalam, I. Elghamry	101
			√	Chemistry A European Journal Volume24, Issue34 Pages 8648-8655 June 18, 2018	Redox-Responsive Covalent Organic Nanosheets from Viologens and Calix[4]arene for Iodine and Toxic Dye Capture	Hassan Traboulsi	102
			√	Environmental Science and Pollution Research 25 (2018) 19898-19907	Removal of urea from dilute streams using RVC/nano-NiO _x -modified electrode”	Mahmoud M. Saleh	103
			√	International Research Journal of Natural and Applied Sciences ISSN: (2349-4077)	Speciation of trace metals in sediment: modified	Dr. Amel Ibrahim	104

				Volume 5, Issue 8, August 2018. (1-15)	tessier sequential extraction scheme versus bcr scheme		
			√	Bioorganic & Medicinal Chemistry, 2018, 26, 9, 2251-2261	Synthesis and biological evaluation of aminothiazoles against Histoplasma capsulatum and Cryptococcus neoformans	Khalil A.	105
			√	Molecules 2018, 23(5), 1133; https://doi.org/10.3390/molecules23051133	Synthesis and Biological Evaluation of Bisthiazoles and Polythiazoles	Mohammed A. Al-Omair, Abdelwahed R. Sayed	106
			√	American Journal of Microbiology and Biotechnology (2018) Vol 5(3), 50-60.	Identification and characterization of two lipolytic and thermophilic bacterial strains isolated from Saudi Arabia environment.	Mohammed A. Al-Omair.	107
			√	Accepted for publication in Arabian Journal of Chemistry, 2018 https://www.sciencedirect.com/science/article/pii/S1878535218302284?via%3Dihub . https://doi.org/10.1016/j.arabjc.2018.11.006	Biochemical activities and electronic spectral of different cobalt phenanthroline complexes	Mohammed A. Al-Omair	108
			√	Accepted for publication in scientific journal of king Faisal University 2018.	Protective effect of –lipoic acid on hepatic and renal biomarkers and histological changes induced by – cypermethrin in treated male rats	Mohammed A. Al-Omair	109
			√	Journal of Physics and Chemistry of Solids 122, 227-233, 2018	Synthesis and characterization of titania nanoparticles and enhancement of photochemical, photoelectrochemical and electrochemical performance with zirconia	Mai M. Khalaf	110

					nanoparticles		
			√	J. Taiwan Inst. Chem. Eng., 2018, 88, 286-304.	Synthesis of polar unique 3d metal-imine complexes of salicylidene anthranilate sodium salt. Homogeneous catalytic and corrosion inhibition performance”	H.M. Abd El-Lateef, M.S.S. Adam, M.M. Khalaf	111
			√	Appl. Organometal. Chem., 2018, DOI: 10.1002/aoc.4527	Synthesis, theoretical investigations, biocidal screening, DNA binding, in vitro cytotoxicity and molecular docking of novel Cu(II), Pd(II) and Ag(I) chlorobenzylidene Schiff base: Promising antibiotic and anticancer agents"	M.S.S. Adam	112
			√	Int. J. Electrochem. Sci. 12 (2018).doi: 10.20964/2018.11.70	Synthesis, thermal stability and electrocatalytic activities of meso-tetrakis (5-bromothiophen-2-yl) porphyrin and its cobalt and copper complexes	I. Elghamry, M. Abdelsalam, Y. Al-Faiyz,	113
			√	Egypt. J. Exp. Biol. (Bot.). 2018; 14(1): 1-9 doi: 10.5455/egyjebb.20171122091925	The in vivo biosynthesis of antibacterial silver nanoparticles using red pepper (Capsicum annum)	Amel Musa Iman Afkar	114
			√	Journal of Molecular Liquids, In Press, Accepted Manuscript, Available online 17 November 2018	Effects of shape-controlling cationic and anionic surfactants on the morphology and surface resonance plasmon intensity of silver@copper bimetallic nanoparticle	Wafa Shamsan Al-Arjan	115
			√	Rapid communication in mass spectrometry. 15;32(3):167-183, 2018	Structural investigation by tandem mass spectrometry	Mervt Almostafa	116

					analysis of a heterogeneous mixture of Lipid An isolated from the lipopolysaccharide of Aeromonas hydrophila SJ-55Ra		
	SFDA Annual Conference and Exhibition, 25-27th September, Riyadh -KSA				Protective Effect of Silymarin against Acrylamide induced Testicular Toxicity in Rats	Sedky A., Elsayy H.	117
			√	Journal of math. Analysis and applications, 466 (2018) 1373	Lelong numbers of m-subharmonic functions	A. Benali and N. Ghiloufi	118
			√	Results in Physics 9 (2018) 559-568.	On the dynamics aspects for the plane motion of a particle under the action of potential forces in the presence of a magnetic field	Mnasri C., Elmandouh A.A	119
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			√	Results in physics, 8 (2018) 559-568.	New Integrable problems in a rigid body dynamics with cubic integral in velocities	Elmandouh, A.A.,	121
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			√	Acta Mechanica 229(1), 3-19(2018)	Nonlocal piezo-hygro-thermal analysis for vibration characteristics of piezoelectric Kelvin-Voigt viscoelastic nanoplates	A.M. Zenkour and Mohammed Sobhy:	123

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			√	Stud. Sci. Math. Hung. 55, No. 2, 270-279 (2018)	On (A)–property and strong (A)–property in amalgamated algebra along an ideal,	N.Mahdou , M. A. S. Moutu	128
			√	Palestine Journal of Mathematics Vol. 7(2)(2018) , 414–416	A note on intermediate rings between $d + i$ and $k[y_1] \dots [y_t]$,	Basma Gasmi and Noômen Jarboui	129
			√	Indagationes Mathematicae 29 ,1362–1392, (2018)	Controllability for Noninstantaneous	J.Wang, A.G. Ibrahim, and D.O'Regan	130

					Impulsive Semilinear Functional Differential Inclusions without Compactness,		
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			√	Nonlinear Analysis: Modelling and Control.23(6) 921-941, November 2018	Hilfer Type Fractional Differential Switched Inclusions with Noninstantaneous Impulsive and Nonlocal Conditions" Nonlinear Analysis: Modelling and Control.23(6) 921-941, November 2018	J.Wang, A.G. Ibrahim, and D.O'Regan	133
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			√	Math. Inequal. Appl. 21 no. 1, 165--178. (2018)	Relations between the generalized Bessel functions and the Janowski class	Kanas, S.; Mondal, S. R.; Mohammed, A. D.	135
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			√	Ricerche mat (2018) https://doi.org/10.1007/s11587-018-0388-6	Maximal non-prime ideally equal subrings of a commutative ring,.	Naseam Al-Kuleab, Noōmen Jarboui, Almallah Omar	140
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			√	Journal of Inequalities and Applications22018:175 https://doi.org/10.1186/s13660-018-1772-1	Representation Formulae and Monotonicity of the Generalized k-Bessel Functions ,	Mondal, S.R. , Akel. , M.	142