



المملكة العربية السعودية
وزارة التعليم
جامعة الملك فيصل

جامعة الملك فيصل

كلية العلوم

وكالة الكلية للدراسات العليا والبحث العلمي

الإنتاج العلمي بكلية العلوم

2014-2013

النشاط البحثي المنشور لأعضاء هيئة التدريس والباحثين بكلية العلوم لعام 2014

2014							
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	Abdeen, M. A., A. S. Ayes, S. S. Ibrahim, and R. H. A. Khaldi	Preparation and physical characterization of conjugated polymer-polycarbonate polymer blends	<i>Journal of Composite Materials</i> 48 (16):1947-1957	√			
2	Abdeldayem, H. M., S. S. Al-Shihry, and S. A. Hassan	Selective methanol oxidation to hydrogen over Ag/ZnO catalysts doped with mono- and Bi-rare earth oxides	<i>Industrial and Engineering Chemistry Research</i> 53 (51):19884-19894	√			
3	Abdel-Moneim, A. M.	Histopathological and ultrastructural perturbations in tilapia liver as potential indicators of pollution in Lake Al-Asfar, Saudi Arabia	<i>Environmental Science and Pollution Research</i> 21 (6):4387-4396	√			
4	Abdel-Rahem, R. A., and F. A. Al-Odail	Influence of Surfactants Synergism on the Adsorption Behavior at Air/Water and Solid/Water Interfaces	<i>Journal of Dispersion Science and Technology</i> 35 (7):1009-1017	√			
5	Abdel-Shafi, A. A.	Luminescence quenching of [Os(bpy) ₃] ²⁺ by Mn ⁷⁺ , Cr ⁶⁺ and Ce ⁴⁺ ions in acidic aqueous solution	<i>Journal of Luminescence</i> 155:282-287	√			
6	Abdel-Shafi, A. A., H. A. Hassanin, and S. S. Al-Shihry	Partial charge transfer contribution to the solvent isotope effect and photosensitized generation of singlet oxygen, O ₂ (¹ Δ _{g), by substituted ruthenium(II) bipyridyl complexes in aqueous media}	<i>Photochemical and Photobiological Sciences</i> 13 (9):1330-1337	√			
7	Afkar, E., H. M. Al-Sheikh, and A. Y. Z. Khalifa. 2014	Pseudomonas spp. - The most popular water contaminants of fresh water storage tanks in Al-Ahsa Providence, KSA	<i>Journal of Pure and Applied Microbiology</i> 8 (5):3609-3616	√			

			√	<i>Journal of Materials Science: Materials in Electronics</i> 25 (10):4398-4403	Giant dielectric properties of nanocrystalline $\text{Pb}_{1-x}\text{Sn}_x\text{F}_2$ solid solutions	Ahmad, M. M.	8
			√	<i>Applied Physics A: Materials Science and Processing</i> 116 (3):1299-1306	Mechanochemical synthesis and giant dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$	Ahmad, M. M., E. Al-Libidi, A. Al-Jaafari, S. Ghazanfar, and K. Yamada	9
			√	<i>Journal of Applied Physics</i> 115 (15)	Grain size effect on the giant dielectric constant of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ nanoceramics prepared by mechanosynthesis and spark plasma sintering	Ahmad, M. M., and K. Yamada	10
			√	<i>Eurasian Mathematical Journal</i> 5 (4):6-24	Schwarz problem for first order elliptic systems in unbounded sectors	Akel, M., and H. Begehr	11
			√	<i>Organic Letters</i> 16 (19):5104-5107	Trans-2-tritylcyclohexanol as a chiral auxiliary in permanganate-mediated oxidative cyclization of 2-methylenehept-5-enoates: Application to the synthesis of trans-(+)-linalool oxide	Al Hazmi, A. M., N. S. Sheikh, C. J. R. Bataille, A. A. M. Al-Hadedi, S. V. Watkin, T. J. Luker, N. P. Camp, and R. C. D. Brown	12
			√	<i>Histology and Histopathology</i> 29 (1):45-55	The influence of taurine pretreatment on aluminum chloride induced nephrotoxicity in Swiss albino mice	Al Kahtani, M. A., A. M. Abdel-Moneim, and W. M. El-Sayed	13
			√	<i>Journal of Apicultural Research</i> 53 (4):441-451	Contributions of some biological activities of honey bee venom	Ali, E. M	14
			√	<i>Journal of Chromatographic Science</i> 52 (9):1104-1108	Development of a CZE method for the quantification of pseudoephedrine and cetirizine	Alnajjar, A. O., and A. M. Idris	15
			√	<i>Chinese Physics B</i> 23 (6)	Structural and magnetic properties of $\text{BiFe}_{1-x}\text{Cr}_x\text{O}_3$ synthesized samples	Arafat, S. S.	16
			√	<i>Journal of Young Pharmacists</i> 6 (4):40-46.	Development of a rapid reversed phase-high performance liquid chromatography method for simultaneous determination of metformin and vildagliptin in formulation and human plasma	Attimarad, M., S. H. Nagaraja, B. E. Aldhubaib, and A. Al-Najjar.	17
			√	<i>Journal of Organic Chemistry</i> 79	Syntheses of dihydropyrene-cyclophanediene	Ayub, K., and R. H.	18

				(2):664-678.	negative photochromes containing internal alkenyl and alkynyl groups and comparison of their photochemical and thermochemical properties	Mitchell.	
			√	<i>Journal of Molecular Structure</i> 1076:743.	Erratum: Synthesis, characterization and density functional theory study of some new 2-anilinothiazoles	Babar, A., H. Khalid, K. Ayub, S. Saleem, A. Waseem, T. Mahmood, M. A. Munawar, G. Abbas, and A. F. Khan	19
			√	<i>Journal of Molecular Structure</i> 1072 (1):221-227	Synthesis, characterization and density functional theory study of some new 2-anilinothiazoles	Babar, A., H. Khalid, K. Ayub, S. Saleem, A. Waseem, T. Mahmood, M. A. Munawar, G. Abbas, and A. F. Khan.	20
			√	<i>Journal of Pure and Applied Microbiology</i> 8 (SPEC. ISS. 1):111-117	Antifungal activity of the cyanobacterium <i>Nostoc muscorum</i> isolated from Al-Hassa, Saudi Arabia	Al-Sheikh, H. M	21
			√	<i>International Journal of Geometric Methods in Modern Physics</i> 11 (4).	Factorization of Dirac equation in two space dimensions	Bahlouli, H., A. Jellal, and Y. Zahidi.	22
			√	<i>Thin Solid Films</i> 553:123-126.	Sputtered Al-doped ZnO transparent conducting thin films suitable for silicon solar cells	Ben Ayadi, Z., H. Mahdhi, K. Djessas, J. L. Gauffier, L. El Mir, and S. Alaya.	23
			√	<i>Few-Body Systems</i> 55 (12).	Solution of the Spinless Salpeter Equation with a Time-Dependent Linear Potential	Chargui, Y., A. Dhahbi, L. Chetouani, and A. Trabelsi	24
			√	<i>Journal of Thermal Analysis and Calorimetry</i> 115 (3):2357-2367	Molecular modeling, spectral, and biological studies of 4-formylpyridine-4 N-(2-pyridyl) thiosemicarbazone (HFPTS) and its Mn(II), Fe(III), Co(II), Ni(II), Cu(II), Cd(II), Hg(II), and UO ₂ (II) complexes	El Metwally, N. M., R. Arafa, and U. El-Ayaan.	25
			√	<i>Acta Mathematica Hungarica</i> 143 (2):287-297.	Generalized Topological Representation for Complete Join-Semilattices	El-Saady, K.	26
			√	<i>Biochemistry (Moscow)</i> 79 (11):1262-1266	Increasing DNA substrate specificity of the EcoDam DNA-(adenine N6)-methyltransferase by site-directed mutagenesis	Elsawy, H., and S. Chahar.	27
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			√	<i>Electroanalysis</i> 26 (3):632-638	Electrocatalytic Oxidation of Ethylene Glycol at Pt/Nanosized MO _x /GC Composite Electrodes: SnO ₂ in Comparison to CeO ₂ and WO ₃	El-Shafei, A. A., A. A. Ibrahim, and A. M. A. Ouf.	29
			√	<i>Antimicrobial Agents and Chemotherapy</i> 58 (3):1793-1796	Green fluorescent diamidines as diagnostic probes for trypanosomes	Giordani, F., M. Munde, W. D. Wilson, M. A. Ismail, A. Kumar, D. W. Boykin, and M. P. Barrett.	30
			√	<i>Molecular and Biomolecular Spectroscopy</i> 128:225-230	Spectroscopic and density functional theory studies of 5,7,3', 5'-tetrahydroxyflavanone from the leaves of <i>Olea ferruginea</i> ." <i>Spectrochimica Acta - Part A</i>	Hashmi, M. A., A. Khan, K. Ayub, and U. Farooq	31
			√	<i>Medicinal Chemistry Research</i> 23 (1):518-525	Synthesis, characterization, and antitumor activities of 1,1'-diacetylferrocene dihydrazone containing phenolic group and its complexes with Pd(II) and Pt(II)	Hegazy, W. H., and Y. S. Al-Faiyz.	32
			√	<i>Drug Design, Development and Therapy</i> 8:963-972	Evaluation of the biological activity of novel monocationic fluoroaryl-2,2'-bichalcophenes and their analogues	Hussin, W. A., M. A. Ismail, A. M. Alzahrani, and W. M. El-Sayed	33
			√	<i>Journal of Analytical Chemistry</i> 69 (12):1193-1198	Eco-friendly, cost-effective and fast method for the estimation of furosemide and amiloride in tablet formulation by sequential injection chromatography	Idris, A. M., and R. E. E. Elgorashe	34
			√	<i>Drug Design, Development and Therapy</i> 8:1659-1672.	Anticancer, antioxidant activities, and DNA affinity of novel monocationic bithiophenes and analogues	Ismail, M. A., R. K. Arafa, M. M. Youssef, and W. M. El-Sayed	35
			√	<i>New Journal of Chemistry</i> 38 (2):752-761.	Photophysical and electrochemical properties and temperature dependent geometrical isomerism in alkyl quinacridonediimines	Javed, I., A. Khurshid, M. N. Arshad, and Y. Wang	36
			√	<i>Physica E: Low-Dimensional Systems and Nanostructures</i> 58:30-37	Goos-Hänchen like shifts in graphene double barriers	Jellal, A., I. Redouani, Y. Zahidi, and H. Bahlouli	37
			√	<i>Superlattices and Microstructures</i> 72:60-71.	The effects of dopant concentration and deposition temperature on the structural, optical	Mahdhi, H., Z. Ben Ayadi, S. Alaya, J. L. Gauffier,	38

					and electrical properties of Ga-doped ZnO thin films	and K. Djessas. 2014	
			√	<i>Radiation Physics and Chemistry</i> 98:51-56	Angular dependence of response of dosimeters exposed to an extended radioactive source	Manai, K., A. Trabelsi, and F. Madouri	39
			√	<i>Journal of Molecular Modeling</i> 20 (6).	Aromaticity of azines through dyotropic double hydrogen transfer reaction	Maria, M. Hanif, T. Mahmood, R. Ludwig, and K. Ayub	40
			√	<i>Journal of Physical Organic Chemistry</i> 27 (11):860-866	Aromaticities of azines relative to benzene; A theoretical approach through the dimethyldihydropyrene probe	Maria, R. U. Nisa, M. Hanif, A. Mahmood, and K. Ayub	41
			√	<i>Mathematical Problems in Engineering</i> 2014. doi: 10.1155/2014/274093	Marichev-saigo-maeda fractional integration operators involving generalized bessel functions.	Mondal, S. R., and K. S. Nisar	42
			√	<i>Biochemistry</i> 53 (7):1218-1227	The unusual monomer recognition of guanine-containing mixed sequence DNA by a dithiophene heterocyclic diamidine	Munde, M., A. Kumar, P. Peixoto, S. Depauw, M. A. Ismail, A. A. Farahat, A. Paul, M. V. Say, M. H. David-Cordonnier, D. W. Boykin, and W. D. Wilson	43
			√	<i>International Journal of Pharma and Bio Sciences</i> 5 (1):P455-P464	Synthesis and antimicrobial assessment of efficacious carbazole derivatives	Sadiq, Z., E. Akbar, and N. Naz	44
			√	<i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> 118:210-214	Density functional theory and phytochemical study of Pistagremic acid.	Ullah, H., A. Rauf, Z. Ullah, I. Sattar Fazl, M. Anwar, A. U. H. A. Shah, G. Uddin, and K. Ayub	45
			√	<i>Journal of Physical Chemistry C</i> 118 (31):17819-17830	Doping and dedoping processes of polypyrrole: DFT study with hybrid functionals	Ullah, H., A. U. H. A. Shah, S. Bilal, and K. Ayub	46
			√	<i>Asian Journal of Chemistry</i> 26 (1):82-84.	Eco-friendly synthesis of functionalized tetrahydrocarbazoles	Yaqub, G., A. Hamid, A. Rasool, M. Iqbal, Z. Sadiq, R. Masood, M. Babar, and R. Batool	47
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