

Faculty of Science
Chemistry department

No.	Title	Authors	Title Journals	Impact Factor
1	Nano structured mesoporous Au/TiO ₂ for photocatalytic degradation of a textile dye: the effect of size similarity of the deposited Au with that of TiO ₂ pores	Ali Bumajdad Metwally, Madkour Yasser Abdel-Moneam and Maged El-Kemary	J Mater Sci (2014) 49:1743–1754	2.163
2	Spectroscopic and Solution Studies of Some Transition Metal Complexes of New 4-Hydroxy Coumarin Semi- and Thiosemicarbazone Complexes	Aisha . Mosa • Mohamed M. Ibrahim • Sharah A. Aldhlmani	J Solution Chem (2013) 42:2364–2383	1.415
3	Syntheses, characterization, and SOD activity studies of barbitol-based nickel(II) complexes with different chelating amines: The X-ray crystal structures of Barb-H and [Ni(Barb) ₂ (en) ₂] (Barb = 5,5-diethylbarbiturate)	Mohamed M. Ibrahim , Gaber A.M. Mersal , Salih Al-Juaid, Samir A. El-Shazly .	Journal of Molecular Structure 1056–1057 (2014) 166–175	1.634
4	Investigation of Cationic Surfactants and Sulfonamides and Their Nanoparticles as Biocides Against Sulfur Reducing Bacteria in the Petroleum Industry	Salwa M. I. Morsyand Mohamed M. Ibrahim	<i>Synthesis And Reactivity In Inorganic, Metal-Organic, And Nano-Metal Chemistry</i> , 44:530–536, 2014	0.521
5	Spectroscopic, electrochemical, and alkylation reactions: tert-Butyl N-(2-mercaptoethyl)carbamate copper(II) and nickel(II) complexes as structural mimics for the active site of thiolate-alkylating enzymes	Mohamed M. Ibrahim , Gaber A.M. Mersal , Nagi El-Shafai , Abdel-Motaleb M. Ramadan , Mohamed M. Youssef	<i>Spectrochimica Acta Part A: Molecular And Biomolecular Spectroscopy</i> , Vol.,1 20.Pp.574-584,2014.	2.098
6	Spectroscopic, Electroanalytical, and Hydrolytic-Like Activities of Bis(2-picolyl)Glycine-Based Zinc(II) and Copper(II) Complexes	Mohamed M. Ibrahim , and Gaber A. M. Mersal	Int. J. Electrochem. Sci., 8 (2013) 1328 - 1339	3.729
7	Voltammetric Studies of Lead at a New Carbon Paste Microelectrode Modified with N(2-isopropylphenyl)-2-thioimidazole and its Trace Determination in Water by Square Wave Voltammetry	Gaber A. M. Mersal, and M. M. Ibrahim	Int. J. Electrochem. Sci., 8 (2013) 5944 - 5960	3.729

8	Charge Dynamics in A Donor–Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions	Shangbin Jin, Xuesong Ding, Xiao Feng, Mustafa Supur, Ko Furukawa, Seiya Takahashi, Matthew Addicoat, Mohamed E. El-Khouly , Toshikazu Nakamura, Stephan Irle, Shunichi Fukuzumi, Atsushi Nagai, and Donglin Jiang	Angew. Chem. Int. Ed. 2013, 52, 2017 – 2021	13.734
9	Photosynthetic Antenna-Reaction Center Mimicry with a Covalently Linked Monostyryl Boron-Dipyrromethene–Aza-Boron-Dipyrromethene–C60 Triad	Wen-Jing Shi, Mohamed E. El-Khouly , Kei Ohkubo, Shunichi Fukuzumi, and Dennis K. P. Ng.	Chem. Eur. J. 2013, 19, 11332 – 11341	5.925
10	A Charge-Stabilizing, Multimodular, Ferrocene–Bis (triphenylamine)–Zincporphyrin–Fullerene Polyad	Channa A. Wijesingh, Mohamed E. El-Khouly , Melvin E. Zandler, Shunichi Fukuzumi, and Francis D_Souza	Chem. Eur. J. 2013, 19, 9629 – 9638	5.925
11	Excitation-Wavelength-Dependent, Ultrafast Photoinduced Electron Transfer in Bisferrocene/BF ₂ -Chelated-Azadipyrromethene/Fullerene Tetrads	Venugopal Bandi,, Mohamed E. El-Khouly , Kei Ohkubo,Vladimir N. Nesterov, Melvin E. Zandler, ShunichiFukuzumi, and Francis D_Souza	Chem. Eur. J. 2013, 19, 7221 – 7230	5.831
12	Synthesis and fast electron-transfer reactions of fullerene–carbazole dendrimers with short linkages	Mohamed E. El-Khouly , Sang-Ho Lee,b Kwang-Yol Kay and Shunichi Fukuzumi	New J. Chem., 2013, 37, 3252--3260	2.920
13	Silicon phthalocyanine-azobenzene-[60]fullerene light harvesting pentad: synthesis, characterization and electron transfer reaction studied by laser flash photolysis	Mohamed E. El-Khouly , Jong-Hyung Kimb, Kwang-Yol Kay and Shunichi Fukuzumi	J. Porphyrins Phthalocyanines 2013; 17: 1055–1063	1.433
14	Effect of Dual Fullerenes on Lifetimes of Charge-Separated States of Subphthalocyanine-Triphenylamine-Fullerene Molecular Systems	Mohamed E. El-Khouly , Sun Hee Shim,§ Yasuyuki Araki, Osamu Ito, and Kwang-Yol Kay	J. Phys. Chem. B 2008, 112, 3910-3917	3.696
15	Photoinduced Processes of Subphthalocyanine–Diazobenzene–Fullerene Triad as an Efficient Excited Energy Transfer System	Jong-Hyung Kim, Mohamed E. El-Khouly , Yasuyuki Araki, Osamu Ito, and Kwang-Yol Kay	Chemistry Letters Vol.37, No.5 (2008)	1.594
16	Solution-Processed Bulk Heterojunction Solar Cells with Silyl End-Capped Sexithiophene	Jung Hei Choi, Mohamed E. El-Khouly , Taehee Kim, Youn-Su Kim, Ung Chan Yoon,Shunichi Fukuzumi, and Kyungkun Kim.	Hindawi Publishing Corporation International Journal Of Photoenergy Volume 2013, Article Id 843615, 9	2.663

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17	Synthesis and characterization of low bandgap p-conjugated copolymers incorporating 4,7-bis(3,30/4,40-hexylthiophene-2-yl) benzo[c] [2,1,3] thiadiazole units for photovoltaic application	Nabiha I. Abdo, abd Jamin Ku, Ashraf A. El-Shehawy , Hee-Sang Shim, Joon-Keun Min, Ahmed A. El-Barbary, d Yun Hee Jang and Jae-Suk Lee	J. Mater. Chem. A, 2013, 1, 10306–10317	6.108
18	Nickel oxide nanoparticles: Synthesis and spectral studies of interactions with glucose	M. El-Kemary n, N.Nagy, I.El-Mehasseb	Materialscienceins emiconductorproce ssing16(2013)1747–1752	1.338
19	Micro- strucure and corrosion Behavior of Ni _{52-x} Co _x Shape Memory Alloys in 1.0M HCl Solution	Hanaa Shokry	Int. J. Electrochem. Sci., 8(2013) 1246-1261	<u>3.729</u>
20	Corrosion ans Electrochemical Behavior of Ni ₅₁ Fe _{22-x} Ga ₂₇ Ti _x Management shape Memory Alloys in 0.1 M NaCl Solution at Different TEMperature	Hanaa Shokry	INT. J. Electrochem. Sci., 8(2013), 2791-2805	<u>3.729</u>