


أوراق علمية في دوريات عالمية منشورة ومفهرسة في ISI خلال 2018م وحتى نهاية سبتمبر 2019م

Impact Factor & Rank	الدورية	عنوان الورقة	م
2.084 Q2	<i>Materials Chemistry and Physics</i> 204 (2018) 410-419	Okra extract-assisted green synthesis of CoFe₂O₄ nanoparticles and their optical, magnetic, and antimicrobial properties K. Kombaiah ^a , J. Judith Vijaya ^{a*} , L. John Kennedy ^b , M. Bououdina ^c , R. Jothi Ramalingam ^d , Hamad A. Al-Lohedan ^d Materials Chemistry and Physics, Volume 204, 15 January 2018, Pages 410-419	213
3.615 Q2	<i>Microporous and Mesoporous Materials</i> 256 (2018) 67-74	Highly efficient green mesostructured urea functionalized on SBA-15 catalysts for selective synthesis of benzlidenmalononitrile Jimmy Nelson Appaturi ^{a, *} , Mohd. Rafie Johan ^a , R. Jothi Ramalingam ^b , Hamad A. Al-Lohedan ^b ^b Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia Microporous and Mesoporous Materials, Volume 256, 15 January 2018, Pages 67-74	220
3.108 Q2	<i>RSC Adv.</i> , 2018, 8, 481–490	Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials[†] S. K. Jesudoss, a J. Judith Vijaya, *a K. Kaviyarasu, bc L. John Kennedy, d R. Jothi Ramalingam e and Hamad A. Al-Lohedane ^e Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia <i>RSC Adv.</i> , 2018,8, 481-490	221
3.648 Q2	<i>Journal of Molecular Liquids</i> 251 (2018) 201–211	Synthesis and application of new surface active poly (ionic liquids) based on 1,3-dialkylimidazolium as demulsifiers for heavy petroleum crude oil emulsions Abdelrahman O. Ezzat ^a , Ayman M. Atta ^{a,b,*} , Hamad A. Al-Lohedan ^a , Ahmed I. Hashem ^c Journal of Molecular Liquids, Volume 251, February 2018, Pages 201-211	222
3.648 Q2	<i>Journal of Molecular Liquids</i> 252 (2018) 311–320	Demulsification of heavy crude oil using new nonionic cardanol surfactants Ayman M. Atta [*] , Mahmood M.S. Abdullah, Hamad A. Al-Lohedan, Abdelrahman O. Ezzat Journal of Molecular Liquids, Volume 252, February 2018, Pages 311-320	223


3.091 Q1	<i>Energy Fuels</i> , 2018, 32 (1), pp 214–225	Synthesis and Application of Poly(ionic liquid) Based on Cardanol as Demulsifier for Heavy Crude Oil Water Emulsions Abdelrahman O. Ezzat [†] , Ayman M. Atta ^{*†‡}  , Hamad A. Al-Lohedan [†] , Mahmood M. S. Abdullah [†] , and Ahmed I. Hashem [§] Energy and Fuels Volume 32, Issue 1, 18 January 2018, Pages 214-225	224
2.673 Q2	Journal of Photochemistry & Photobiology, B: Biology 180 (2018) 39–50	Green synthesis of NiO nanoparticles using Aegle marmelos leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties A. Angel Ezhilarasia, ^b J. Judith Vijaya ^{a,*} , K. Kaviyarasuc, ^{d,**} L. John Kennedy ^c , R. Jothi Ramalingam ^f , Hamad A. Al-Lohedan ^f f Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia Journal of Photochemistry and Photobiology B: Biology , Volume 180, March 2018, Pages 39-50	225
3.671 Q1	<i>International Journal of Biological Macromolecules</i> 112 (2018) 754–760	Iminodiacetic acid modified kenaf fiber for waste water treatment Muhammad Raznisyafiq Razak ^a , Nor Azah Yusof ^{a,b,*} , Mohammad Jelas Haron ^a , Norazowa Ibrahim ^a , Faruq Mohammad ^{c,**} , Sazlinda Kamaruzaman ^a , Hamad A. Al-Lohedan ^c c Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia International Journal of Biological Macromolecules , Volume 112, June 2018, Pages 754-760	226
3.648 Q2	<i>Journal of Molecular Liquids</i> 258 (2018) 74–84	Antiproliferative activities of procainamide and its binding with calf thymus DNA through multi-spectroscopic and computational approaches Mohd. Sajid Ali ^{a,*} , Mohammad Abul Farah ^b , Hamad A. Al-Lohedan ^a , Khalid Mashay Al-Anazi ^b Journal of Molecular Liquids , Volume 258, 15 May 2018, Pages 74–84	227
3.108 Q2	<i>RSC Adv.</i> , 2018, 8, 9083–9093	Comprehensive exploration of the anticancer activities of procaine and its binding with calf thymus DNA: a multi spectroscopic and molecular modelling study Mohd. Sajid Ali , ^{*a} Mohammad Abul Farah , ^b Hamad A. Al-Lohedan ^a and Khalid Mashay Al-Anazi ^b RSC Adv. , 2018,8, 9083-9093 Issue 17, 2018, Issue in Progress	228
1.624	J Porous Mater (2018) 25:629–641	Synthesis, characterization and catalytic activity of melamine immobilized MCM-41 for condensation reactions	229

Q2		Jimmy Nelson Appaturi ¹ · R. Jothi Ramalingam ² · Hamad A. Al-Lohedan ² 2 Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia Journal of Porous Materials , April 2018, Volume 25, Issue 2, pp 629–641	
2.07 Q2	Polym Int 2018; 67: 471–480	In situ preparation of magnetite/cuprous oxide/poly (AMPS /NIPAm) for removal of methylene blue from waste water AymanMAtta, ^{a*} Sami A Al-Hussain, ^b Hamad A Al-Lohedan, ^a Abdelrhman O Ezzat, ^a Ahmed M Tawfeek ^c and Talal Al-Otobi ^c ^a Surfactants research chair, Chemistry Department, King Saud University, Riyadh, Saudi Arabia Polymer International , Volume 67, Issue 4, April 2018 , Pages 471–480	230
2.673 Q2	Journal of Photochemistry & Photobiology, B: Biology 182 (2018) 9–17	Human serum albumin binding to the biologically active labdane diterpene “leoheterin”: Spectroscopic and in silico analysis Mohd. Sajid Alia, [*] , Musarat Aminab, [*] , Hamad A. Al-Lohedana, Nawal M. Al Musayeibb ^a Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia	231
1.579 Q3	Journal of ELECTRONIC MATERIALS, Vol. 47, No. 5, 2018 pp 2954–2963	Synthesis, Characterization and Applications of Ethyl Cellulose-Based Polymeric Calcium(II) Hydrogen Phosphate Composite Faruq mohammad, ^{1,3} Tanvir Arfin, ² and Hamad A. Al-lohedan ¹ ¹ —Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia. Journal of Electronic Materials , May 2018, Volume 47, Issue 5, pp 2954–2963	232
1.483 Q3	J. Nanosci. Nanotechnol. 18, 5367–5379 (2018)	Liquid Phase Catalytic Oxidation of Toluene Over Rich Silica and Alumina Composition of Hierarchical Ordered ZSM-5 Zeolites Prepared Without Organic Templates S. K. Jesudoss ¹ , J. Judith Vijaya ^{1*} , M. Sivachidambaram ¹ , L. John Kennedy ² , R. Jothiramalingam ³ , and Hamad A. Al-Lohedan ³ Journal of Nanoscience and Nanotechnology , Volume 18, Number 8, August 2018, pp. 5367-5379(13)	233
2.806 Q1	PLoS ONE 13(4): e0195546.	Evaluation of porogen factors for the preparation of ion imprinted polymer monoliths used in mercury removal Siti Khadijah Ab. Rahman ¹ , Nor Azah Yusofl, ^{2*} , Abdul Halim Abdullah ^{1,2} , Faruq Mohammad ^{3*} , Azni Idris ⁴ , Hamad A. Al-lohedan ³	234

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2.002 Q2	<p>Inorganica Chimica Acta 479 (2018) 229–239</p>	<p>CuII-NaI heteronuclear complex as anticancer entity against human breast cancer cell lines: DNA binding, cleavage, and Computational studies</p> <p>Mohammad Usman ^b, Sartaj Tabassum ^{a,†}, Farukh Arjmand ^b, Rais Ahmad Khan ^c, Mohd. Sajid Ali ^a, Hamad A. Al-Lohedan ^a, Ali Alsalmeh ^c, Mohammad Abul Farah ^d, Khalid Mashay Al-Anazi ^d, Musheer Ahmad ^e</p> <p>^a Surfactant Research Chair, Department of Chemistry, College of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>Inorganica Chimica Acta ;Volume 479, 1 July 2018, Pages 229-239</p>	235
2.243 Q2	<p>R Soc Open Sci. 2018 Mar 14;5(3):171430</p>	<p>Investigation on preferably oriented abnormal growth of CdSe nanorods along (0002) plane synthesized by henna leaf extract mediated green synthesis</p> <p>P. Iyyappa Rajan¹, J. Judith Vijaya², S. K. Jesudoss², K. Kaviyarasu^{3,4}, Seung-Cheol Lee^{1,5}, L. John Kennedy⁶, R. Jothi Ramalingam⁷, Hamad A. Al-Lohedan⁷ and M. Mahamad Abdullah⁷</p> <p>Royal Society Open Science, Volume 5, Issue 3, 14 March 2018, Article number 171430</p>	236
1.640 Q3	<p>Inorganic Chemistry Communications 93 (2018) 69–72</p>	<p>A zwitterionic Zn(II) benzothiazole nano hybrid conjugate as hydrolytic DNA cleavage agent</p> <p>Siffeen Zehraa, Sartaj Tabassuma, Hamad A. Al-Lohedanb, Farukh Arjmanda,*</p> <p>^b Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia</p> <p>Inorganic Chemistry Communications ,Volume 93, July 2018, Pages 69–72</p>	237
2.475 Q2	<p>Sensors 2018,18 (6), 1932</p>	<p>Immuno Nanosensor for the Ultrasensitive Naked Eye Detection of Tuberculosis</p> <p>Noremylia Mohd Bakhori ¹, Nor Azah Yusof ^{1,2,*}, Jaafar Abdullah ², Helmi Wasoh ³, Siti Suraiya Md Noor ⁴, Nurul Hanun Ahmad Raston ⁵ and Faruq Mohammad ^{6,*}</p> <p>⁶ Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>Sensors, Vol. 18, Pages 1932</p>	238
2.352 Q2	<p>Polym Int 2018; 67: 925–935</p>	<p>In situ preparation of magnetic Fe₃O₄.Cu₂O.Fe₃O₄/cryogel nanocomposite powder via a reduction–coprecipitation method as adsorbent for methylene blue water pollutant</p>	239

		<p>AymanMAtta,^{a*} Hamad A Al-Lohedan,^a AhmedMTawfeek^b and Mona A Ahmed^c</p> <p>^a Surfactants research chair, Chemistry Department, College of Science, King Saud University, Riyadh, Saudi Arabia</p> <p>Polymer International, Volume 67, Issue 7, Page 925-935, July 2018</p>	
1.191 Q3	Optik 165 (2018) 408– 415	<p>Hydrothermal synthesis of nanosized (Fe, Co, Ni)-TiO₂ for enhanced visible light photosensitive applications</p> <p>Author links open overlay panel</p> <p>K.R.Anju^a,ThankapanRadika^a,RajabatharJothi Ramalignam^b, Hamad A.Al-Lohedan^b</p> <p>Optik , Volume 165, July 2018, Pages 408-415</p>	240
2.880 Q1	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 203 (2018) 434–442	<p>Spectroscopic and computational evaluation on the binding of safranal with human serum albumin: Role of inner filter effect in fluorescence spectral correction</p> <p>Mohd Sajid Ali *, Hamad A. Al-Lohedan</p> <p>Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</p> <p>Spectrochim Acta A Mol Biomol Spectrosc. 2018 Oct 5;203:434-442</p>	241
2.975 Q1	Reactive and Functional Polymers 131 (2018) 420–429	<p>New crosslinked poly (ionic liquid) cryogels for fast removal of methylene blue from waste water</p> <p>Ayman M. Attaa,*, Abdelrahman O. Ezzata,b, Sami A. Al-Hussainc, Hamad A. Al-Lohedana, Ahmed M. Tawfeekd, Ahmed I. Hashemb</p> <p>^a Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia</p> <p>Reactive and Functional Polymers,Volume 131,October 2018, Pages 420-429</p>	242
4.229 Q1	International Journal of Hydrogen Energy 43 (2018) 17121-17131	<p>Synthesis of MoS₂ nanoparticle deposited graphene/mesoporous MnO_x nanocomposite for high performance super capacitor application Author links open overlay panel</p> <p>R. Jothi Ramalingam ^{a,*}, Niketha Konikkara ^b, Hamad Al-Lohedan ^a,Dhaifallah M. Al-dhayan ^a, L. John Kennedy ^b, S.K. Khadheer Basha ^c,Shaban R.M. Sayed ^{a,d}</p> <p>International Journal of Hydrogen Energy ,Volume 43, Issue 36, 6 September 2018, Pages 17121-17131</p>	243

<p>2.467 Q2</p>	<p>Materials 2018, 11, 1902 Materials 2018, 11(10), 1902</p>	<p>Electrochemical Measurements of Multiwalled Carbon Nanotubes under Different Plasma Treatments</p> <p>Zulaiha Abdul Rahim ^{1,2}, Nor Azah Yusof ^{1,2,*}, Muhammad Aniq Shazni Mohammad Haniff ³, Faruq Mohammad ^{4,*}, Mohd Ismahadi Syono ³ and Nurulhaidah Daud ³</p> <p>⁴Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>Materials, Volume 11, Issue 10, 7 October 2018, Article number 1902</p>	<p>244</p>
<p>2.858 Q1</p>	<p>Progress in Organic Coatings 123 (2018) 209–22</p>	<p>Silver-embedded epoxy nanocomposites as organic coatings for steel</p> <p>AymanEl-Faham^{ab}Ayman M.Atta^aSamehM.Osman^{ac} Abdelrahman O.Ezzat^a Ashraf M.El-saeed^d Zeid A.AL Othman^{ac}Hamad A.Al-Lohedan^a</p> <p>Progress in Organic Coatings;Volume 123, October 2018, Pages 209-222</p>	<p>245</p>
<p>2.858 Q1</p>	<p>Progress in Organic Coatings 121 (2018) 247–262</p>	<p>Modified triazine decorated with Fe₃O₄ and Ag/Ag₂O nanoparticles for self-healing of steel epoxy coatings in seawater</p> <p>Ayman M.Atta AymanEl-Faham Hamad A.Al-Lohedan Zeid A.AL Othman Mahmood M.S.Abdullah Abdelrahman O.Ezzat</p> <p>Progress in Organic Coatings ;Volume 121, August 2018, Pages 247-262</p>	<p>246</p>
<p>1.92 Q3</p>	<p>Bioinorganic Chemistry and Applications Volume 2018, Article ID 9782419, 11 pages</p>	<p>β-Carboline Silver Compound Binding Studies with Human Serum Albumin: A Comprehensive Multispectroscopic Analysis and Molecular Modeling Study</p> <p>Ali Alsalmeh,¹ Rais Ahmad Khan,¹ Arwa M. Alkathiri,¹ Mohd. Sajid Ali,² Sartaj Tabassum,² Mohammed Jaafar,¹ and Hamad A. Al-Lohedan²</p>	<p>247</p>
<p>2.936 Q2</p>	<p>RSC Adv., 2018, 8, 41226–41236</p>	<p>Highly functionalized pyrrolidine analogues: stereoselective synthesis and caspase-dependent apoptotic activity</p> <p>Raju Suresh Kumar,^{*a} Abdulrahman I. Almansour,^a Natarajan Arumugam,^a Faruq Mohammad,^b Waleed Shihan Alshahrani,^a Kotresha D.,^c Mohammad Altaf,^{ad} Mohammad Azam^a and J. Carlos Menéndez^c</p> <p>^b Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P. O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>RSC Advances , 2018, 8, 41226–41236</p>	<p>248</p>
<p>3.504 Q2</p>	<p>Nanomaterials 2018, 8(11), 878; https://doi.org/</p>	<p>Application of New Sodium Vinyl Sulfonate-co-2-Acrylamido-2-methylpropane Sulfonic Acid Sodium Salt-Magnetite Cryogel Nanocomposites for Fast Methylene Blue Removal from Industrial Waste Water</p>	<p>249</p>

	g/10.3390/nano8110878	Sami A. Al-Hussain ^{1□} , Ayman M. Atta ^{2,*□} , Hamad A. Al-Lohedan ^{2□} , Abdelrahman O. Ezzat ^{2□} and Ahmed M. Tawfeek ^{2□} ² Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia Nanomaterials, Volume 8, Issue 11, November 2018, Article number 878	
3.504 Q2	Nanomaterials 2018 , 8, 855	Green Synthesis of Hydrophobic Magnetite Nanoparticles Coated with Plant Extract and Their Application as Petroleum Oil Spill Collectors Mahmood M. S. Abdullah, ^{1,2} Ayman M. Atta, ^{1,*} Hamad A. Allohedan, ¹ Hamad Z. Alkhathlan, ¹ M. Khan, ¹ and Abdelrahman O. Ezzat ¹ Nanomaterials (Basel). 2018 Oct; 8(10): 855.	250
3.091 Q1	<i>Energy Fuels</i> , 2018, 32 (4), pp 4873–4884	Synthesis and Application of Amphiphilic Poly(ionic liquid) Dendron from Cashew Nut Shell Oil as a Green Oilfield Chemical for Heavy Petroleum Crude Oil Emulsion Ayman M. Atta ^{*†‡}  , Mahmood M. S. Abdullah [†] , Hamad A. Al-Lohedan [†] , and Amany K. Gaffer [‡] <i>Energy Fuels</i> 2018, 32, 4, 4873-4884	251
1.354 Q3	<i>Journal of Nanoscience and Nanotechnology</i> Vol. 19, 2590–2598, 2019	Green Synthesis of Co₃O₄ Nanorods for Highly Efficient Catalytic, Photocatalytic, and Antibacterial Activities K. Kombaiah ¹ , J. Judith Vijaya ^{1*} , L. John Kennedy ² , K. Kaviyarasu ^{3,4} , R. Jothi Ramalingam ^{5*} , and Hamad A. Al-Lohedan ⁵ ⁵ Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia <i>Journal of Nanoscience and Nanotechnology</i> , Volume 19, Number 5, May 2019, pp. 2590-2598(9)	252
2.858 Q1	<i>Progress in Organic Coatings</i> 128 (2019) 99–111	New hydrophobic silica nanoparticles capped with petroleum paraffin wax embedded in epoxy networks as multifunctional steel epoxy coatings Ayman M. Atta ^{a,*} , Nermen H. Mohamed ^b , Merit Rostom ^c , Hamad A. Al-Lohedan ^a , Mahmood M.S. Abdullah ^a <i>Progress in Organic Coatings</i> , Volume 128, March 2019, Pages 99-111	253

<p>4.513 Q1</p>	<p>Journal of Molecular Liquids 278 (2019) 385–393</p>	<p>Experimental and computational investigation on the molecular interactions of safranal with bovine serum albumin: Binding and anti-amyloidogenic efficacy of ligand</p> <p>Mohd. Sajid Ali *, Hamad A. Al-Lohedan</p> <p><u>Journal of Molecular Liquids, Volume 278, 15 March 2019, Pages 385-393</u></p>	<p>254</p>
<p>3.909 Q1</p>	<p>International Journal of Biological Macromolecules 127 (2019) 529-535</p>	<p>Modulation of amyloid fibril formation of plasma protein by saffron constituent “safranal”: Spectroscopic and imaging analyses</p> <p>Mohd. Sajid Ali ^{a,*}, Hamad A. Al-Lohedan ^a, Mohammad Tariq ^b, Mohammad Abul Farah^c, Mohammad Altaf ^d, S.M.Wabaidur ^a, S.M.Shakeel Iqbal ^e, Sartaj Tabassum^a, Mahmood M.S. Abdullah ^a</p> <p><u>International Journal of Biological Macromolecules, Volume 127, 15 April 2019, Pages 529-535</u></p>	<p>255</p>
<p>3.504 Q2</p>	<p>Nanomaterials 2019, 9(2), 187</p>	<p>Novel Superhydrophobic Sand and Polyurethane Sponge Coated with Silica/Modified Asphaltene Nanoparticles for Rapid Oil Spill Cleanup</p> <p>Ayman M. Atta 1,* , Mahmood M. S. Abdullah 1 , Hamad A. Al-Lohedan 1 and Nermen H. Mohamed 2</p>	<p>256</p>
<p>2.583 Q2</p>	<p>BioMed Research International Volume 2019, Article ID 7064073, 12 pages</p>	<p><i>Research Article</i></p> <p>Synthesis, Characterization, and Application of Poly(4,4*-Cyclohexylidene Bisphenol Oxalate) for Solid-Phase Extraction of DNA</p> <p>Aisha Nawaf Al balawi ,1,2 Nor Azah Yusof ,1,3Sazlinda Kamaruzaman,1 FaruqMohammad ,4 HelmiWasoh ,5Khulood Fahad Al Abbosh,6 and Hamad A. Al-Lohedan 4</p> <p><u>⁴Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, Riyadh, Saudi Arabia</u></p>	<p>257</p>
<p>2.35 Q2</p>	<p>Coatings 2019, 9, 124</p>	<p>Coating Sand with New Hydrophobic and Superhydrophobic Silica/Paraffin Wax Nanocapsules for Desert Water Storage and Transportation</p> <p>Ayman M. Atta 1,* , Mahmood M. S. Abdullah 1 , Hamad A. Al-Lohedan 1 and Nermen H. Mohamed 2</p>	<p>258</p>

<p>3.235 Q2</p>	<p>Journal of Electroanalytical Chemistry 837 (2019) 167–174</p>	<p>Microwave-assisted synthesis of gadolinium(III) oxide decorated reduced graphene oxide nanocomposite for detection of hydrogen peroxide in biological and clinical samples</p> <p>Shaktivel Manavalana, Umamaheswari Rajajia, Shen-Ming Chena,* , Tse-Wei Chena,R. Jothi Ramalingamb,* , T. Maiyalaganc, Anandaraj Sathiyand, Qingli Haoe, Wu Leie,*</p> <p>^b Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box. 2455, Riyadh 11451, Saudi Arabia.</p> <p>Journal of Electroanalytical Chemistry, Volume 837, 15 March 2019, Pages 167-174</p>	<p>259</p>
<p>2.210 Q2</p>	<p>Materials Chemistry and Physics 229 (2019) 117–123</p>	<p>Enhanced biosorption and electrochemical performance of sugarcane bagasse derived a polylactic acid-graphene oxide-CeO2 composite</p> <p>Faruq Mohammad^{a,*}, Tanvir Arfin^b, Hamad A. Al-Iohedan^a</p> <p>^a Surfactants Research Chair, Department of Chemistry, King Saud University, 11451, Riyadh, Saudi Arabia</p> <p>Materials Chemistry and Physics, Volume 229, 1 May 2019, Pages 117-123</p>	<p>260</p>
<p>3.107 Q2</p>	<p>Journal of Biomolecular Structure and Dynamics, 2019 Vol. 37, No. 6, 1494–1510</p>	<p>Carbohydrate-based heteronuclear complexes as topoisomerase Iα inhibitor: approach toward anticancer chemotherapeutics</p> <p>Mohd. Afzal^a, Hamad A. Al Lohedan^b, Mohammad Usman^a and Sartaj Tabassum^{b*}</p> <p>^bSurfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>Journal of Biomolecular Structure and Dynamics ,Volume 37, 2019 - Issue 6 ,pages 1494–1510, march 2019</p>	<p>261</p>
<p>6.012 Q1</p>	<p>Ultrasonics - Sonochemistry 56 (2019) 134–142</p>	<p>Ultrasound-assisted synthesis of tungsten trioxide entrapped with graphene nanosheets for developing nanomolar electrochemical (hormone) sensor and enhanced sensitivity of the catalytic performance</p> <p>Mani Govindasamy^a, Bowya Subramanian^{b,c}, Sea-Fue Wang^{a,*}, Sathishkumar Chinnapaiyan^d, R. Jothi Ramalingam^{e,*}, Hamad A. Al-lohedan^e</p> <p>^e Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</p> <p>Ultrasonics Sonochemistry, Volume 56, September 2019, Pages 134-142</p>	<p>262</p>
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		<p>Faruq Mohammad ^{4,*}, HelmiWasoh ⁵ and Hamad A. Al-Lohedan ⁴</p> <p>⁴ Surfactants Research Chair, Chemistry, College of Science, King Saud University, Riyadh 11451, Saudi Arabia; hlohedan@ksu.edu.sa</p> <p><i>Materials</i>, Volume 12, Issue 7 (April-1 2019)</p>	
6.012 Q1	<p>Ultrasonics - Sonochemistry 52 (2019) 382–390</p>	<p>Facile synthesis of copper sulfide decorated reduced graphene oxide nanocomposite for high sensitive detection of toxic antibiotic in milk</p> <p>Mani Govindasamy, Sea-Fue Wanga,*, Sakthivel Kumaravelb, R. Jothi Ramalingam^{c,*}, Hamad A. Al-lohedan^c</p> <p>^c Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</p> <p><i>Ultrasonics Sonochemistry</i>, Volume 52, April 2019, Pages 382-390</p>	264
6.012 Q1	<p>Ultrasonics - Sonochemistry 54 (2019) 79–89</p>	<p>A relative study on sonochemically synthesized mesoporous WS2 nanorods & hydrothermally synthesized WS2 nanoballs towards electrochemical sensing of psychoactive drug (Clonazepam)</p> <p>Tse-Wei Chena,b,1, Umamaheswari Rajajia,1, Shen-Ming Chena,*, R. Jothi Ramalingam^c</p> <p>^c Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia</p> <p>Volume 54, Pages 1-320 (June 2019)</p>	265
6.012 Q1	<p>Ultrasonics - Sonochemistry 56 (2019) 193–199</p>	<p>Facile sonochemical synthesis of perovskite-type SrTiO3 nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of α-amino acid (tryptophan)</p> <p>Mani Govindasamy, Sea-Fue Wanga,*, Wei Chih Pana, Bowya Subramanian^{b,c}, R. Jothi Ramalingam^{d,*}, Hamad Al-lohedan^d</p> <p>^d Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</p> <p><i>Ultrasonics Sonochemistry</i>, Volume 56, September 2019, Pages 193-199</p>	266
5.08 Q1	<p>Materials Science & Engineering C 102 (2019) 142–149</p>	<p>Biocompatible polylactic acid-reinforced nickel–arsenate composite: Studies of electrochemical conductivity, mechanical stability, and cell viability</p> <p>Faruq Mohammad^{a,*}, Tanvir Arfinb, Hamad A. Al-Lohedan^a</p> <p>^a Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p><i>Materials Science and Engineering: C</i>, Volume 102, September 2019, Pages 142-149</p>	267

<p>5.667 Q1</p>	<p><i>Sensors & Actuators: B. Chemical</i> 291 (2019) 120–129</p>	<p>A novel electrochemical sensor for the detection of oxidative stress and cancer biomarker (4-nitroquinoline N-oxide) based on iron nitride nanoparticles with multilayer reduced graphene nanosheets modified electrode</p> <p>Umamaheswari Rajajia,¹ Akilarasan Muthumariyappana,¹ Shen-Ming Chena,^{*,} Tse-Wei Chena,^b R. Jothi Ramalingam^c</p> <p>^c Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh, 11451, Saudi Arabia</p> <p><u>Sensors and Actuators B: Chemical, Volume 291</u>, 15 July 2019, Pages 120-129</p>	<p>268</p>
<p>2.352 Q2</p>	<p><i>Polym Int</i> 2019; 68: 1164–1177</p>	<p>Preparation of magnetite and silver poly(2-acrylamido-2-methyl propane sulfonic acid-co-acrylamide) nanocomposites for adsorption and catalytic degradation of methylene blue water pollutant</p> <p>Ayman M Atta,^{a*} Amany K Gafer,^b Hamad A Al-Lohedan,^a Mahmood MS Abdullah^a and Abdelrahman O Ezzat^a</p> <p>^a Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh, Saudi Arabia</p> <p><u>Polymer International Volume 68</u>, Issue 6, Pages: i, 993-1214, June 2019</p>	<p>269</p>
<p>2.88 Q1</p>	<p><i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> 220 (2019) 117101</p>	<p>Catalytic induced morphological transformation of porous ZnO to ZnO nanorods by Sn(IV) and their effect on photocatalytic reduction of methylene blue and DFT calculations</p> <p>Mohd Sajid Ali ^a, Hamad A. Al-Lohedan ^a, Mahmood M.S. Abdullah ^a, Zeenat Afsan ^b, Sartaj Tabassuma,[*]</p> <p>^a Surfactant Research Chair, Department of Chemistry, College of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p><u>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 220</u>, 5 September 2019, 117101</p>	<p>270</p>
<p>1.718 Q2</p>	<p><i>International Journal of Polymer Science</i> Volume 2019, Article ID 5738613, 10 pages</p>	<p>Research Article</p> <p>High-Efficiency DNA Extraction Using Poly(4,4'-Cyclohexylidene Bisphenol Oxalate)-Modified Microcrystalline Cellulose-Magnetite Composite</p> <p>Aisha Nawaf Al balawi ,^{1,2} Nor Azah Yusof ,^{1,3} Sazlinda Kamaruzaman,¹ Faruq Mohammad ,⁴ Helmi Wasoh ,⁵ and Hamad A. Al-Lohedan ⁴</p> <p>⁴ Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, 11451 Riyadh, Saudi Arabia</p>	<p>271</p>

2.210 Q2	Materials Chemistry and Physics 233 (2019) 79–88	<p><i>Synthesis, characterization and catalytic activity of ionic liquid mimic halides modified MCM-41 for solvent free synthesis of phenyl glycidyl carbonate</i></p> <p>R.JothiRamalingam^aJimmyNelsonAppaturi^bThiruchelviPulingam^bNooralbrahim S^aHamad A.Al-Lohedan^a.</p> <p>Materials Chemistry and Physics ,Volume 233, 15 May 2019, Pages 79-88</p>	272
6.012 Q1	Ultrasonics - Sonochemistry 56 (2019) 430– 436	<p>Facile synthesis of mesoporous WS₂ nanorods decorated N-doped RGO network modified electrode as portable electrochemical sensing platform for sensitive detection of toxic antibiotic in biological and pharmaceutical samples(Article)</p> <p>Chen, T.-W.^{a,b}, Rajaji, U.^a, Chen, S.-M.^a Chinnapaiyan, S.^c, Ramalingam, R.J.^d</p> <p>^dSurfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh, 11451, Saudi Arabia</p> <p>Ultrasonics Sonochemistry,Volume 56, September 2019, Pages 430-436</p>	273
6.012 Q1	Ultrasonics - Sonochemistry 57 (2019) 233–241	<p>One-pot sonochemical synthesis of Bi₂WO₆ nanospheres with multilayer reduced graphene nanosheets modified electrode as rapid electrochemical sensing platform for high sensitive detection of oxidative stress biomarker in biological sample</p> <p>Muthumariyappan, A.^a, Rajaji, U.^a, Chen, S.-M.^aEmail Author, Chen, T.-W.^{a,b}, Li, Y.-L.^aEmail Author, Ramalingam, R.J.^c</p> <p>• ^cSurfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box. 2455, Riyadh, 11451, Saudi Arab</p> <p>Ultrasonics Sonochemistry,Volume 57, October 2019, Pages 233-241</p>	274
7.279 Q1	Ultrasonics - Sonochemistry 56 (2019) 378– 385	<p>Ultrasound-assisted synthesis of α-MnS (alabandite) nanoparticles decorated reduced graphene oxide hybrids: Enhanced electrocatalyst for electrochemical detection of Parkinson's disease biomarker(Article)</p> <p>Chen, T.-W.^{a,b}, Rajaji, U.^a, Chen, S.-M.^aEmail Author, Li, Y.-L.^a, Ramalingam, R.J.^c</p> <p>Ultrasonics Sonochemistry, Volume 56, September 2019, Pages 378-385</p>	275
4.064 Q2	International Journal of Hydrogen Energy 44 (2019) 23959 -23968	<p>Platinum nanoparticle decorated rutile titania synthesized by surfactant free hydrothermal method for visible light catalysis for dye degradation and hydrogen production study</p> <p>R. Jothi Ramalingam a,* , T. Radhika b, P. Reshma Ranjan b,</p>	276

		<p>Shaban R.M. Sayed a, Hamad A. Al-lohedan a, A. Meera Moydeen a,Dhaifallah M. Al-dhayan a</p> <p>a Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</p> <p>International Journal of Hydrogen Energy, Volume 44, Issue 43, 6 September 2019, Pages 23959-23968</p>	
3.310 Q2	<p>J Biomol Struct Dyn. 2019 Sep;37(15):3905-3913</p>	<p>Evaluation of (η^6-<i>p</i>-cymene) ruthenium diclofenac complex as anticancer chemotherapeutic agent: interaction with biomolecules, cytotoxicity assays</p> <p>Rais Ahmad Khan^a, Hamad A. Al-Lohedan^b, Mohammad Abul Farah^c, Mohd Sajid Ali^b, Ali Alsalmeha, Khalid Mashay Al-Anazic and Sartaj Tabassum^b;</p> <p>^bSurfactant Research Chair, King Saud University, Riyadh, KSA;</p> <p>^cDepartment of Zoology, College of Sciences, King Saud University, Riyadh, KSA</p> <p><i>JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS</i></p> <p>2019, VOL. 37, NO. 15, 3905–3913</p>	277
3.049 Q2	<p>RSC Adv., 2019, 9, 26503–26518</p>	<p>Fluorescent delivery vehicle containing cobalt oxide–umbelliferone nanoconjugate: DNA/protein interaction studies and anticancer activity on MF7 cancer cell line†</p> <p>Mohd Sajid Ali, ^a Sartaj Tabassum, ^{*ac} Hamad A. Al-Lohedan, ^a Mohammad Abul Farah,^b Khalid Mashay Al-Anazi^b and Mohammad Usman^c</p> <p>^aSurfactant Research Chair, Department of Chemistry, College of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Kingdom of Saudi Arabia.</p> <p><i>RSC Adv.</i>, 2019,9, 26503-26518</p>	278
2.802 Q2	<p>Bioorganic & Medicinal Chemistry 27 (2019) 2487–2498</p>	<p>Spirooxindole-pyrrolidine heterocyclic hybrids promotes apoptosis through activation of caspase-3</p> <p>Kumar, R.S.^aEmail Author, Almansour, A.I.^a, Arumugam, N.^a, Mohammad, F.^b, Kotresha, D.^c, Menéndez, J.C.^d</p> <p>^bSurfactants Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh, 11451, Saudi Arabia</p> <p>Bioorganic & Medicinal Chemistry, Volume 27, Issue 12, 15 June 2019, Pages 2487-2498</p>	279

<p>7.279 Q1</p>	<p><i>Ultrasonics - Sonochemistry</i> 57 (2019) 116–124</p>	<p>A novel nanocomposite with superior electrocatalytic activity: A magnetic property based ZnFe₂O₄ nanocubes embellished with reduced graphene oxide by facile ultrasonic approach</p> <p>Tse-WeiChen^{ab1}UmamaheswariRajaji^{a1}Shen-MingChen^aMuneerah MogrenAl Mogren^cMajdiHochlaf^dSarah Dhaif AllahAl Harbi^c</p> <p>R. Jothi Ramalingam^e</p> <p>^eSurfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</p> <p>Ultrasonics Sonochemistry, Volume 57, October 2019, Pages 116-124</p>	<p>280</p>
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