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<td>2.084 Q2</td>
<td>Materials Chemistry and Physics 204 (2018) 410-419</td>
<td>Okra extract-assisted green synthesis of CoFe2O4 nanoparticles and their optical, magnetic, and antimicrobial properties</td>
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<td>3.108 Q2</td>
<td>RSC Adv., 2018, 8, 481–490</td>
<td>Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials†</td>
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<td>3.648 Q2</td>
<td>Journal of Molecular Liquids 251 (2018) 201–211</td>
<td>Synthesis and application of new surface active poly (ionic liquids) based on 1,3-dialkylimidazolium as demulsifiers for heavy petroleum crude oil emulsions</td>
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<td>Q2</td>
<td>In situ preparation of magnetite/cuprous oxide/poly(AMPS/NIPAm) for removal of methylene blue from waste water</td>
<td>Ayman M Atta,* Sami A Al-Hussain, Hamad A Al-Lohedan, Abdelrhman O Ezzat, Ahmed M Tawfeek and Talal Al-Otabi</td>
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<tr>
<td>Polym Int 2018; 67: 471–480</td>
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<td>a Surfactants research chair, Chemistry Department, King Saud University, Riyadh, Saudi Arabia</td>
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<td>Polymer International, Volume 67, Issue 4, April 2018, Pages 471–480</td>
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<td>Q2</td>
<td>Human serum albumin binding to the biologically active labdane diterpene “leoheterin”: Spectroscopic and in silico analysis</td>
<td>Mohd. Sajid Ali,* Musarat Aminab,* Hamad A Al-Lohedana, Nawal M. Al Musayeib</td>
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<td>Journal of Photochemistry &amp; Photobiology, B: Biology 182 (2018) 9–17</td>
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<td>a Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</td>
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<td>Q3</td>
<td>Synthesis, Characterization and Applications of Ethyl Cellulose-Based Polymeric Calcium(II) Hydrogen Phosphate Composite</td>
<td>Faruq Mohammad, 1,3 Tanvir Arfin,2 and Hamad A. Al-lohedian1</td>
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<td>1.—Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</td>
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<td>Q3</td>
<td>Liquid Phase Catalytic Oxidation of Toluene Over Rich Silica and Alumina Composition of Hierarchical Ordered ZSM-5 Zeolites Prepared Without Organic Templates</td>
<td>S. K. Jesudoss1, J. Judith Vijaya1, M. Sivachidambaram1, L. John Kennedy2, R. Jothiramalingam, and Hamad A. Al-Lohedan3</td>
</tr>
<tr>
<td>Q1</td>
<td>Evaluation of porogen factors for the preparation of ion imprinted polymer monoliths used in mercury removal</td>
<td>Siti Khadijah Ab. Rahman1, Nor Azah Yusof1,2*, Abdul Halim Abdullah1,2, Faruq Mohammad3, Azni Idris4, Hamad A. Al-lohedian3</td>
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<td><strong>CuII-NaI heteronuclear complex as anticancer entity against human breast cancer cell lines: DNA binding, cleavage, and Computational studies</strong></td>
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<td>Mohammad Usman b, Sartaj Tabassum a, Farukh Arjmand b, Rais Ahmad Khan c, Mohd. Sajid Ali a, Hamad A. Al-Lohedan a, Ali Alsalm e, Mohammad Abul Farah d, Khalid Mashay Al-Anazi d, Musheer Ahmad e</td>
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<td>a Surfactant Research Chair, Department of Chemistry, College of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</td>
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<td>In <em>Inorganica Chimica Acta</em>, Volume 479, 1 July 2018, Pages 229-239</td>
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<td><strong>Investigation on preferably oriented abnormal growth of CdSe nanorods along (0002) plane synthesized by henna leaf extract mediated green synthesis</strong></td>
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<td>P. Iyyappa Rajan1, J. Judith Vijaya2, S. K. Jesudoss2, K. Kaviyarasu3,4, Seung-Cheol Lee1,5, L. John Kennedy6, R. Jothi Ramalingam6, Hamad A. Al-Lohedan7 and M. Mahamad Abdullah7</td>
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| 1.640 Q3 | *Inorganic Chemistry Communications* 93 (2018) 69–72 |
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| **A zwitterionic Zn(II) benzothiazole nanohybrid conjugate as hydrolytic DNA cleavage agent** |
| Siffeen Zehraa, Sartaj Tabassuma,b, Hamad A. Al-Lohedanb, Farukh Arjmanda,* |
| b Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia |
| In *Inorganic Chemistry Communications*, Volume 93, July 2018, Pages 69–72 |

| 2.475 Q2 | *Sensors* 2018,18 (6), 1932 |
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| **ImmuNanoSensor for the Ultrasensitive Naked Eye Detection of Tuberculosis** |
| 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,* |
| *Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia |
| Sensors, Vol. 18, Pages 1932 |

<p>| 2.352 Q2 | <em>Polym Int</em> 2018; 67: 925–935 |
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| <strong>In situ preparation of magnetic Fe3O4.Cu2O.Fe3O4/cryogel nanocomposite powder via a reduction–coprecipitation method as adsorbent for methylene blue water pollutant</strong> |
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<td>Optik 165 (2018) 408–415</td>
<td>Hydrothermal synthesis of nanosized (Fe, Co, Ni)-TiO$_2$ for enhanced visible light photosensitive applications</td>
<td>Ayman M. Attaa,<em>, Hamad A Al-Lohedan,</em>, Ahmed M. Tawfeek* and Mona A. Ahmed$^c$; *Surfactants research chair, Chemistry Department, College of Science, King Saud University, Riyadh, Saudi Arabia</td>
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<td>2.880</td>
<td>Spectrochim Acta Part A: Molecular and Biomolecular Spectroscopy 203 (2018) 434–442</td>
<td>Spectroscopic and computational evaluation on the binding of safranal with human serum albumin: Role of inner filter effect in fluorescence spectral correction</td>
<td>Mohd Sajid Ali *, Hamad A. Al-Lohedan; *Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box-2455, Riyadh 11451, Saudi Arabia</td>
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<td>Ayman M. Attaa,*, Abdelrahman O. Ezzata,b, Sami A. Al-Hussainc, Hamad A. Al-Lohedana, Ahmed M. Tawfeekd, Ahmed I. Hashemb; *Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia</td>
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<td>International Journal of Hydrogen Energy 43 (2018) 17121-17131</td>
<td>Synthesis of MoS$_2$ nanoparticle deposited graphene/mesoporous MnO$_x$ nanocomposite for high performance super capacitor application Author links open overlay panel</td>
<td>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; *Surfactants research chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia</td>
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<td>Electrochemical Measurements of Multiwalled Carbon Nanotubes under Different Plasma Treatments</td>
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<td>Modified triazine decorated with Fe₃O₄ and Ag/Ag₂O nanoparticles for self-healing of steel epoxy coatings in seawater</td>
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Mohd. Sajid Ali *, Hamad A. Al-Lohedan
*Journal of Molecular Liquids, Volume 278, 15 March 2019, Pages 385-393 | 254   |
| 3.504   | Nanomaterials 2019, 9(2), 187                                                 | Novel Superhydrophobic Sand and Polyurethane Sponge Coated with Silica/Modified Asphalten Nanoparticles for Rapid Oil Spill Cleanup
Ayman M. Atta 1,*, Mahmood M. S. Abdullah 1, Hamad A. Al-Lohedan 1 and Nermen H. Mohamed 2 | 256   |
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
*Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, Riyadh, Saudi Arabia | 257   |
| 2.35    | Coatings 2019, 9, 124                                                        | Coating Sand with New Hydrophobic and Superhydrophobic Silica/Paraffin Wax Nanocapsules for DesertWater Storage and Transportation
Ayman M. Atta 1,*, Mahmood M. S. Abdullah 1, Hamad A. Al-Lohedan 1 and Nermen H. Mohamed 2 | 258   |
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<thead>
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<th>Journal of Analytical Chemistry</th>
<th>837 (2019) 167–174</th>
<th>Microwave-assisted synthesis of gadolinium(III) oxide decorated reduced graphene oxide nanocomposite for detection of hydrogen peroxide in biological and clinical samples</th>
<th>259</th>
</tr>
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<tbody>
<tr>
<td>Shaktivel Manavalana, Umanaheswari Rajajia, Shen-Ming Chena,<em>, Tse-Wei Chena,R. Jothi Ramalingamb,</em>, T. Maiyalaganc, Anandaraj Sathiyan, Qingli Haoe, Wu Leie,*</td>
<td>*Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia.</td>
<td>Journal of Electroanalytical Chemistry, Volume 837, 15 March 2019, Pages 167-174</td>
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<td>Faruq Mohammad**, Tanvir Arfinb, Hamad A. Al-lohedana</td>
<td>*Surfactants Research Chair, Department of Chemistry, King Saud University, 11451, Riyadh, Saudi Arabia</td>
<td>Materials Chemistry and Physics, Volume 229, 1 May 2019, Pages 117-123</td>
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<th>Journal of Biomolecular Structure and Dynamics</th>
<th>Vol. 37, No. 6, 1494–1510</th>
<th>Carbohydrate-based heteronuclear complexes as topoisomerase Iα inhibitor: approach toward anticancer chemotherapeutics</th>
<th>261</th>
</tr>
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<tr>
<td>Mohd. Afzal, Hamad A. Al Lohedan, Mohammad Usman and Sartaj Tabassum*</td>
<td>*Surfactant Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</td>
<td>Journal of Biomolecular Structure and Dynamics, Volume 37, 2019 - Issue 6, pages 1494–1510, march 2019</td>
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<tr>
<th>Ultrasonics Sonochemistry</th>
<th>56 (2019) 134–142</th>
<th>Ultrasound-assisted synthesis of tungsten trioxide entrapped with graphene nanosheets for developing nanomolar electrochemical (hormone) sensor and enhanced sensitivity of the catalytic performance</th>
<th>262</th>
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<tr>
<td>Mani Govindasamy*, Bowya Subramanianh,c, Sea-Fue Wang**, Sathishkumar Chinnapaiyan*, R. Jothi Ramalingam**, Hamad A. Al-lohe</td>
<td>d</td>
<td>*Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia</td>
<td>Ultrasonics Sonochemistry, Volume 56, September 2019, Pages 134-142</td>
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<th>Materials</th>
<th>2019, 12(7), 1178</th>
<th>DNA Adsorption Studies of Poly(4,40-Cyclohexyldene Bisphenol Oxalate)/Silica Nanocomposites</th>
<th>263</th>
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<tr>
<td>Aisha Nawaf Al balawi 1,2, Nor Azah Yusof 1,3,*</td>
<td>*Sazlinda Kamaruzaman</td>
<td>Materials, 2019, 12(7), 1178</td>
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Facile synthesis of copper sulfide decorated reduced graphene oxide nanocomposite for high sensitive detection of toxic antibiotic in milk

Mani Govindasamy, Sea-Fue Wang, Sakthivel Kumaravel, R. Jothi Ramalingam, Hamad A. Al-hohedan

Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia

Ultrasonics Sonochemistry, Volume 52, April 2019, Pages 382-390

A relative study on sonochemically synthesized mesoporous WS2 nanorods & hydrothermally synthesized WS2 nanoballs towards electrochemical sensing of psychoactive drug (Clonazepam)

Tse-Wei Chena, Umamaheswari Rajajia, Shen-Ming Chena, R. Jothi Ramalingam

Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

Volume 54, Pages 1-320 (June 2019)

Facile sonochemical synthesis of perovskite-type SrTiO3 nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of α-amino acid (tryptophan)

Mani Govindasamy, Sea-Fue Wang, Wei Chih Pana, Bowya Subramanian, R. Jothi Ramalingam, Hamad A. Al-hohedan

Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

Ultrasonics Sonochemistry, Volume 56, September 2019, Pages 193-199

Biocompatible polylactic acid-reinforced nickel–arsenate composite: Studies of electrochemical conductivity, mechanical stability, and cell viability

Faruq Mohammad, Tanvir Arfin, Hamad A. Al-Lohedan

Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia

Materials Science and Engineering C, Volume 102, September 2019, Pages 142-149
| **5.667** | **Q1** | **Sensors & Actuators: B. Chemical** 291 (2019) 120–129 | 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  
Umamaheswari Rajajia,1, Akilarasan Muthumariyappana,1, Shen-Ming Chen,1,a, Tse-Wei Chena,1,b, R. Jothi Ramalingamc  
Surface Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh, 11451, Saudi Arabia  
Sensors and Actuators B: Chemical, Volume 291, 15 July 2019, Pages 120-129 | 268 |
| **2.352** | **Q2** | **Polym Int** 2019; 68: 1164–1177 | 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  
AymanMAtta,a Amany K Gafer,b Hamad A Al-Lohedan,a  
Mahmood MS Abdullaha and Abdelrahman O Ezzata  
a Surfactants Research Chair, Chemistry Department, College of Science, King Saud University, Riyadh, Saudi Arabia  
Polymer International Volume 68, Issue 6, Pages: i, 993-1214 ,June 2019 | 269 |
| **2.88** | **Q1** | **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 220 (2019) 117101 | 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  
Mohd Sajid Ali a, Hamad A. Al-Lohedan a, Mahmood M.S. Abdullah a, Zeenat Afsan b, Sartaj Tabassuma,a  
a Surfactant Research Chair, Department of Chemistry, College of Sciences, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia  
| **1.718** | **Q2** | **International Journal of Polymer Science** Volume 2019, Article ID 5738613, 10 pages | Research Article  
High-Efficiency DNA Extraction Using Poly(4,4′-Cyclohexylidene Bisphenol Oxalate)-Modified Microcrystalline Cellulose-Magnetite Composite  
Aisha Nawaf Al balawi ,1,2 Nor Azah Yusof ,1,3 Szazlinda Kamaruzaman,1,Faruq Mohammad ,4 Helmi Wasoh ,5 and Hamad A. Al-Lohedan 4  
Surfactants Research Chair, Department of Chemistry, College of Science, King Saud University, 11451 Riyadh, Saudi Arabia | 271 |
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<td>6.012</td>
<td>Ultrasonics Sonochemistry</td>
<td>Facile synthesis of mesoporous WS$_2$ 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)</td>
<td>Chen, T.-W. a, b, Rajaji, U. a, Chen, S.-M. a, Chinnapaiyan, S. a, Ramalingam, R. J. a</td>
<td>430–436</td>
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<td>6.012</td>
<td>Ultrasonics Sonochemistry</td>
<td>One-pot sonochemical synthesis of Bi$_2$WO$_6$ nanospheres with multilayer reduced graphene nanosheets modified electrode as rapid electrochemical sensing platform for high sensitive detection of oxidative stress biomarker in biological sample</td>
<td>Muthumariyappan, A. a, Rajaji, U. a, Chen, S.-M. a, Email Author, Chen, T.-W. a, b, Li, Y.-L. a, Email Author, Ramalingam, R. J. c</td>
<td>233–241</td>
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<td>7.279</td>
<td>Ultrasonics Sonochemistry</td>
<td>Ultrasound-assisted synthesis of α-MnS (alabandite) nanoparticles decorated reduced graphene oxide hybrids: Enhanced electrocatalyst for electrochemical detection of Parkinson’s disease biomarker (Article)</td>
<td>Chen, T.-W. a, b, Rajaji, U. a, Chen, S.-M. a, Email Author, Li, Y.-L. a, Ramalingam, R. J. c</td>
<td>378–385</td>
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A novel nanocomposite with superior electrocatalytic activity: A magnetic property based ZnFe₂O₄ nanocubes embellished with reduced graphene oxide by facile ultrasonic approach

Tse-Wei Chen¹,², Umamaheswari Rajaji¹,², Shen-Ming Chen³,⁴, Muneerah Mogren Al Mogren⁵, Majdi Hochlaf⁶, Sarah Dhaif Allah Al Harbi⁷, R. Jothi Ramalingam⁸

¹Surfactant Research Chair, Chemistry Department, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia

Ultrasonics Sonochemistry, Volume 57, October 2019, Pages 116-124