

#	Title	Year	Authors	Rank
1.	Structural and magnetic study of Mn _{0.5} Zn _{0.5} Cu _x Fe _{2-x} O ₄ nanoferrites synthesized via solution combustion method	2018	Anjana Sharma, Khalid Mujasam Batoo, Emad H. Raslan, Syed Farooq Adil, Gagan Kumar	
2.	Application of Ionic Liquids in chemical science	2018	Imran Ali, Zeid A Alothman, Abdulrahman Alwarthan, Hassan Y Aboul-Enein	---
3.	Using of nanomaterials to enhance the separation efficiency of monolithic columns, Nanomaterials in Chromatography	2018	Ahmad Aqel, Zeid A. ALOthman, Ahmed-Yacine Badjah-Hadj-Ahmed	---
4.	Graphene-Inorganic Nanocomposite: Synthesis and Applications	2018	Mujeeb Khan, Syed Farooq Adil, Mohammed Rafi Shaik, Mohammed Rafiq H. Siddiqui, Muhammad Nawaz Tahir, Abdulrahman Al-Warthan	---
5.	Modification of mesoporous titanium dioxide with cobalt oxide electrocatalyst for enhanced oxygen evolution reaction	2018	M S. Amer, M A. Ghanem, P Arunachalam, a A M. Al-Mayouf, T A. Aljohani	---
6.	Reverse Micellar Synthesis, Characterization, Magnetic and Ferroelectric Properties of YFeO ₃ Nanoparticles	2018	Irfan H Lone, Jahangeer Ahmed, Tokeer Ahmad	---
7.	Silver-embedded epoxy nanocomposites as organic coatings for steel	2018	Ayman El-Faham, Ayman M Atta, Sameh M Osman, AO Ezzat, AM Elsaeed, Zeid A ALOthman, HA Al-Lohedan	Q1
8.	Modified triazine decorated with Fe ₃ O ₄ and Ag/Ag ₂ O nanoparticles for self-healing of steel epoxy coatings in seawater	2018	Ayman M Atta, Ayman El-Faham, Hamad A Al-Lohedan, Zeid A ALOthman, Mahmood MS Abdullah, Abdelrahman O Ezzat	Q1
9.	Eco-friendly method for silver nanoparticles immobilized decorated silica: Synthesis & characterization and preliminary antibacterial activity	2018	Kolood A Dahlous, OH Abd-Elkader, MMG Fouda, Zeid A ALOthman, Ayman El-Faham	Q1
10.	Choosing the Right Coupling Reagent for Peptides. A Twenty-Five-Year Journey	2018	F Albericio, Ayman El-Faham	Q1
11.	Fmoc-Amox, A Suitable Reagent for the Introduction of Fmoc	2017	A Kumar, A Sharma, E Haimov, Ayman El-Faham, BG de la Torre, F Albericio	Q1
12.	Converting Teixobactin into a Cationic Antimicrobial Peptide (AMP)	2017	Shimaa AH Abdel Monaim, Estelle J Ramchuran, Ayman El-Faham, F Albericio, Beatriz G de la Torre	Q1
13.	Origin of thermally stable ferroelectricity in a porous barium titanate thin film synthesized through block copolymer templating	2017	Suzuki N, Osada M, Billah M, Alothman ZA, Bando Y, Yamauchi Y, Hossain MSA	Q1
14.	Mercerized mesoporous date pit activated carbon - A novel adsorbent to sequester potentially toxic divalent heavy metals from water	2017	Aldawsari A, Khan MA, Hameed BH, Alqadami AA, Siddiqui MR, Alothman ZA, Ahmed AYBH	Q1
15.	Synthesis of a recyclable mesoporous nanocomposite for efficient removal of toxic Hg ²⁺ from aqueous medium	2017	Ahamad T, Naushad M, Al-Maswari BM, Ahmed J, ALOthman ZA, Alshehri SM, Alqadami AA	Q1
16.	Prussian Blue-Derived Synthesis of Hollow Porous Iron Pyrite Nanoparticles as Platinum-Free Counter Electrodes for Highly Efficient Dye-Sensitized Solar Cells	2017	Chen JE, Fan MS, Chen YL, Deng YH, Kim JH, Alamri HR, Alothman ZA, Yamauchi Y, Ho KC, Wu KCW	Q1

17.	Tailored Design of Bicontinuous Gyroid Mesoporous Carbon and Nitrogen-Doped Carbon from Poly(ethylene oxide-b-caprolactone) Diblock Copolymers	2017	Chu WC, Bastakoti BP, Kaneti YV, Li JG, Alamri HR, Alothman ZA, Yamauchi Y, Kuo SW	Q1
18.	Gold-Loaded Nanoporous Ferric Oxide Nanocubes with Peroxidase-Mimicking Activity for Electrocatalytic and Colorimetric Detection of Autoantibody	2017	Masud MK, Yadav S, Isam MN, Nguyen NT, Salomon C, Kline R, Alamri HR, Alothman ZA, Yamauchi Y, Hossain MSA	Q1
19.	Direct Production of Furfural in One-pot Fashion from Raw Biomass Using Bronsted Acidic Ionic Liquids	2017	Matsagar BM, Hossain SA, Islam T, Alamri HR, Alothman ZA, Yamauchi Y, Dhepe PL, Wu KCW	Q1
20.	Novel Metal-Organic Framework (MOF) Based Composite Material for the Sequestration of U(VI) and Th(IV) Metal Ions from Aqueous Environment	2017	Alqadami AA, Naushad M, Alothman ZA, Ghfar AA	Q1
21.	Enhanced Charge Collection in MOF-525-PEDOT Nanotube Composites Enable Highly Sensitive Biosensing	2017	Huang TY, Kung CW, Liao YT, Kao SY, Cheng MS, Chang TH, Henzie J, Alamri HR, Alothman ZA, Yamauchi Y	Q1
22.	Comparison of the amine/amino acid activation profiles of the beta- and gamma-carbonic anhydrases from the pathogenic bacterium Burkholderia pseudomallei	2017	Vullo D, Del Prete S, Osman SM, Alasmay FAS, Alothman Z, Donald WA, Capasso C, Supuran CT	Q1
23.	Enantio-selective molecular dynamics of (+/-)-o,p-DDT uptake and degradation in water-sediment system	2018	Ali I, Alharbi OML, Alothman ZA, Alwarthan A	Q1
24.	The first activation study of a delta-carbonic anhydrase: TweCA delta from the diatom Thalassiosira weissflogii is effectively activated by amines and amino acids	2018	Angeli A, Alasmay FAS, Del Prete S, Osman SM, Alothman Z, Donald WA, Capasso C, Supuran CT	Q1
25.	Gold-loaded nanoporous ferric oxide nanocubes for electrocatalytic detection of microRNA at attomolar level	2018	Islam MN, Masud MK, Nguyen NT, Gopalan V, Alamri HR, Alothman ZA, Al Hossain MS, Yamauchi Y, Lam AK, Shiddiky MJA	Q1
26.	Development of citric anhydride anchored mesoporous MOF through post synthesis modification to sequester potentially toxic lead (II) from water	2018	Alqadami AA, Khan MA, Siddiqui MR, Alothman ZA	Q1
27.	Stereoselective interactions of profen stereomers with human plasma proteins using nano solid phase micro membrane tip extraction and chiral liquid chromatography	2018	Ali I, Suhail M, Alothman ZA, Badjah AY	Q1
28.	Inhibition of alpha-, beta-, gamma-, and delta-carbonic anhydrases from bacteria and diatoms with N'-aryl-N-hydroxy-ureas	2018	Berrino E, Bozdog M, Del Prete S, Alasmay FAS, Alqahtani LS, Alothman Z, Capasso C, Supuran CT	Q1
29.	Synthesis and characterization of highly selective and sensitive Sn/SnO2/Ndoped carbon nanocomposite (Sn/SnO2@NGC) for sensing toxic NH3 gas	2018	Al-Enizi, AM, Naushad, M, Al-Muhtaseb, AH, Ruksana, Alshehri, SM, Alothman, ZA, Ahamad, T	Q1
30.	Synthesis of N'-phenyl-N-hydroxyureas and investigation of their inhibitory activities on human carbonic anhydrases	2018	Bozdog, M, Carta, F, Angeli, A, Osman, SM, Alasmay, FAS, Alothman, Z, Supuran, CT	Q1

31.	Cetyltrimethylammonium bromide intercalated and branched polyhydroxystyrene functionalized montmorillonite clay to sequester cationic dyes	2018	Kenawy, ER, Wabaidur, SM, Khan, MA, Siddiqui, MR, Alothman, ZA, Alqadami, AA, Hamid, M	Q1
32.	Carbon nanotube-based benzyl polymethacrylate composite monolith as a solid phase extraction adsorbent and a stationary phase material for simultaneous extraction and analysis of polycyclic aromatic hydrocarbon in water	2018	Al-Rifai A, Aqel, Ahmad; Al Wahibi, L, ALothman ZA, Badjah-Hadj-Ahmed AY	Q1
33.	Preparation, characterization and application of polymethacrylate-based monolithic columns for fast and efficient separation of alkanes, alcohols, alkylbenzenes and isomeric mixtures by gas chromatography	2018	Obbed MS, Aqel Ahmad, Al Othman ZA, Badjah-Hadj-Ahmed AY	Q1
34.	Plant extracts as green reductants for the synthesis of silver nanoparticles: lessons from chemical synthesis	2018	Mujeeb Khan, Mohammed Rafi Shaik, Syed Farooq Adil, Shams Tabrez Khan, Abdulrahman Al-Warthan, Mohammed RH. Siddiqui, Muhammad N. Tahir, Wolfgang Tremel	Q1
35.	Synthesis of thiobarbituric acid derivatives: In vitro α -glucosidase inhibition and molecular docking studies	2017	A Barakat, M Ali, AM Al-Majid, S Yousuf, MI Choudhary, R Khalil, Z Ul-Haq	Q1
36.	Catalytic Asymmetric Synthesis of Indole Derivatives as Novel α -Glucosidase Inhibitors in Vitro	2018	M. S. Islam, A. Barakat, A. M.Al-Majid, M. Ali, S. Yousuf, M. I. Choudhary, R. Khalil, Z. Ul-Haq	Q1
37.	Towards Environmentally Friendlier Suzuki-Miyaura Reactions with Precursors of Pd-NHC (NHC = N-Heterocyclic Carbene) Complexes	2018	Caroline M. Zinser, Katie G. Warren, Rebecca E. Meadows, Fady Nahra, A. M.Al-Majid, A. Barakat, M. S. Islam, Steven P. Nolan, Catherine S. J. Cazin	Q1
38.	Single proton intramigration in novel 4-phenyl-3-((4-phenyl-1H-1,2,3-triazol-1-yl) methyl)-1H-1,2,4-triazole-5(4H)-thione: XRD-crystal interactions, physicochemical, thermal, Hirshfeld surface, DFT realization of thiol/thione tautomerism	2018	Mohamed R. Aouad, Mouslim Messali, Nadjet Rezki, Nabil Al-Zaqri, Ismail Warad	Q1
39.	Preparation of green cardanol-based epoxy and hardener as primer coatings for petroleum and gas steel in marine environment	2017	Ayman M Atta, Hamad A Al-Hodana, Reda S Abdel Hameed, Abdelrahman O Ezzata	Q1
40.	Magnetite doped cuprous oxide nanoparticles as modifier for epoxy organic coating	2017	Ayman M Atta, Reda S Abdel Hameed, Hamad A Al-Lohedan, Abdelrhman O Ezzata, Ahmed I Hashemd	Q1
41.	Synthesis and Application of Poly(ionic liquid) Based on Cardanol as Demulsifier for Heavy Crude Oil Wate Emulsions	2018	Abdelrahman O. Ezzat, Ayman M. Atta, Hamad A. Al-Lohedan, Mahmood M. S. Abdullah, Ahmed I. Hashem	Q1
42.	Iminodiacetic acid modified kenaf fiber for waste water treatment	2018	Mohammad Jelas Haron, Norazowa Ibrahim, Faruq Mohammad, Sazlinda Kamaruzamana, Hamad A. Al-Lohedan	Q1
43.	Evaluation of porogen factors for the preparation of ion imprinted polymer monoliths used in mercury removal	2018	Siti Khadijah, A. Rahman, Nor Azah Yusof, Abdul Halim Abdullah, Faruq Mohammad, Azni Idris, Hamad A. Al-lohedan	Q1

44.	Antiproliferative activities of procainamide and its binding with calf thymus DNA through multi-spectroscopic and computational approaches	2018	Mohd. Sajid Alia, Mohammad Abul Farah, Hamad A. Al-Lohedana, Khalid Mashay Al-Anazi	Q1
45.	Micrometre and nanometre scale patterning of binary polymer brushes, supported lipid bilayers and proteins	2017	Alexander Johnson, Jeppe Madsen, Paul Chapman, Abdullah Alswieleh, Omed Al-Jaf, Peng Bao, CR Hurley, ML Cartron, SD Evans, JK Hobbs, CN Hunter, SP Armes, GJ Leggett	Q1
46.	Fabrication of microstructured binary polymer brush “corrals” with integral pH sensing for studies of proton transport in model membrane systems	2018	Jeppe Madsen, RE Ducker, O Al Jaf, ML Cartron, AM Alswieleh, CH Smith, CN Hunter, SP Armes, GJ Leggett	Q1
47.	Bifunctional Electrocatalysts (Co ₉ S ₈ @ NSC) Derived from a Polymer– Metal Complex for the Oxygen Reduction and Oxygen Evolution Reactions	2017	Saad M Alshehri, Jahangeer Ahmed, Aslam Khan, Mu Naushad, Tansir Ahamad	Q1
48.	An efficient and cost-effective tri-functional electrocatalyst based on cobalt ferrite embedded nitrogen doped carbon	2018	Saad M Alshehri, Ameen N Alhabarah, Jahangeer Ahmed, Mu Naushad, Tansir Ahamad	Q1
49.	Cellulose gum and copper nanoparticles based hydrogel as antimicrobial agents against urinary tract infection (UTI) pathogens	2018	Abdullah M Al-Enizi, Tansir Ahamad, Abdullah Baker Al-hajji, Jahangeer Ahmed, Anis Ahmad Chaudhary, Saad M Alshehri	Q1
50.	Synthesis, characterization, multifunctional electrochemical (OGR/ORR/SCs) and photodegradable activities of ZnWO ₄ nanobricks	2018	Saad M Alshehri, Jahangeer Ahmed, Tansir Ahamad, Norah Alhokbany, Prabhakarn Arunachalam, Abdullah M Al-Mayouf, Tokeer Ahmad	Q1
51.	Fabrication of hybrid nanocomposite derived from chitosan as efficient electrode materials for supercapacitor	2018	Eida S Al-Farraj, Ameen N Alhabarah, Jahangeer Ahmad, Abdullah M Al-Enizi, Mu Naushad, Mohd Ubaidullah, Saad M Alshehri, Tansir Ahamad	Q1
52.	Metal–Organic Framework with Trifluoromethyl Groups for Selective C ₂ H ₂ and CO ₂ Adsorption	2018	Osamah Alduhaish, Rui-Biao Lin, Hailong Wang, Bin Li, Hadi D. Arman, Tong-Liang Hu, Banglin Chen	Q1
53.	Effect of Different Families of Hydrophobic Anions of Imadazolium Ionic Liquids on Asphaltene Dispersants in Heavy Crude Oil	2017	Atta AM, Ezzat, AO, Abdullah MM, Hashem AI	Q1
54.	Preparation of green cardanol-based epoxy and hardener as primer coatings for petroleum and gas steel in marine environment	2017	Atta, A.M, Al-Hodan, H.A, Hameed, R.S.A, Ezzat, A.O.	Q1
55.	Comparative study on the essential oils of Artemisia judaica and Artemisia herba alba from Saudi Arabia	2018	Lamya H. Naser Al-Wahaibi, Adeem Mahmood, M. Khan, H. Z. Alkhatlan	Q1

56.	The Composition of the essential oil and aqueous distillate of <i>Origanum vulgare</i> L. growing in Saudi Arabia and evaluation of their antibacterial activity	2018	M. Khan, Shams Tabrez Khan, Noor A. Khan, Adeem Mahmood, Abdulaziz A. Al-Kedhairi, H. Z. Alkhatlan	Q1
57.	Interference of Phosphane Copper(I) complexes of β -carboline with quorum sensing regulated virulence factors and biofilm in foodborne pathogenic bacteria	2018	N. A. Al-Shabib, F. M. Husain, Rais Ahmad Khan, M. S. Khan, M. Z. Alam, S. Laeeq, Ali Alsalmeh, I. Ahmad	Q1
58.	Onion Peel Ethylacetate Fraction and Its Derived Constituent Quercetin 4'-O- β -D Glucopyranoside Attenuates Quorum Sensing Regulated Virulence and Biofilm Formation	2017	Hanan M. Al-Yousef, Nasser A. Al-Shabib, S. Laeeq, Rais Ahmad Khan, Ali Alsalmeh, M. F. Al Ajmi, Md. Tabish Rehman, Fohad M. Husain	Q1
59.	Functional spirooxindole-indolizine hybrids: Stereoselective green synthesis and evaluation of anti-inflammatory effect involving TNF- α and nitrite inhibition	2018	Raju Suresh Kumar, paulayer, Abdulrahman I. Almansour, Natarajan Arumugam, Govindasami Periyasami, Mohammed Altaf, Ha-Rim Kim, Kang-beom Kwon	Q1
60.	Carboxylative Suzuki coupling reactions of benzyl chlorides with allyl pinacolborate catalyzed by palladium nanoparticles	2018	Jian Sun, Jiasheng Wang, Xiujuan Feng, Yoshinori Yamamoto, Abdulrahman I Almansour, Natarajan Arumugam, Raju S Kumar, Ming Bao	Q1
61.	Unsupported nanoporous palladium-catalyzed chemoselective hydrogenation of quinolines: Heterolytic cleavage of H ₂ molecule	2018	Ye Lu, Yoshinori Yamamoto, Abdulrahman I. Almansour, Natarajan Arumugam, Raju S Kumar, Ming Bao	Q1
62.	Spiropyrrolidine/spiroindolizino[6,7-b]indole heterocyclic hybrid: Stereoselective synthesis, cholinesterase inhibitory activity and their molecular docking study	2018	Natarajan Arumugam, Abdulrahman I. Almansour, Raju Suresh Kumar, Mohammed Altaf R Padmanaban, Popuri Sureshbabu, Gnanavel Angamuthu, D. Kotresha, Thota Sai Manohar, S. Venketesh	Q1
63.	Highly functionalized 2-amino-4H-pyridines as potent cholinesterase inhibitors	2018	Abdulrahman I. Almansour, Natarajan Arumugam, Dhaifallah M. Al-thamili, Alireza Basiri, D. Kotresha, Thota Sai Manohar S. Venketesh, Mohammad Asad Abdullah M. Asiri, Raju Suresh Kumar	Q1
64.	Ionic liquid-enabled synthesis, cholinesterase inhibitory activity, and molecular docking study of highly functionalized tetrasubstituted pyrrolidines	2018	Raju Suresh Kumar, Abdulrahman I. Almansour, Natarajan Arumugam, Dhaifeallah Mohammed Qaide Althomili, Mohammed Altaf, Alireza Basiri, Kotresha, Thota Sai Manohar, Venketesh S	Q1
65.	Synthesis and cholinesterase inhibitory activity study of new piperidone grafted spiropyrrolidines	2017	Alireza Basiri, Basma M Abd Razik, Mohammed O Ezzat, Yalda Kia, Raju S Kumar, Abdulrahman I Almansour, N Arumugam, V Murugaiyah	Q1
66.	A clean approach for the reduction of hazardous 4-nitrophenol using gold nanoparticles decorated multiwalled carbon nanotubes		Abdullah Al Kahtani, Turki Almuqati, Norah Al Haqbani, Tansir Ahamad, Mu Naushad, Saad M Alshehri	Q1
67.	Facile synthesis of Ni-decorated multi-layers' graphene sheets as effective anode for direct urea fuel cells	2017	A. Yousef, M.H. El-Newehy, S.S. Al-Deyab, N.A.M. Barakat.	Q1
68.	Electrospun carbon nanofibers containing Co-TiC nanoparticles-like superficial protrusions as a catalyst for H ₂ gas production from ammonia borane complex	2017	A.M. Alenizi, A. Yousef, R.M. Brooks, M.M. El-Halwany, M.H. El-Newehy	Q1
69.	Functionalized electrospun carbon nanofibers for removal of cationic dye	2018	B.M. Thamer, Hany El-Hamshary, S.S. Al-Deyab, M.H. El-Newehy.	Q1

70.	Development of nanofiber sponges-containing nerve guidance conduit for peripheral nerve regeneration in vivo	2017	Binbin Sun, Zifei Zhou, Hao Zheng, Hany El-Hamshary, Salem S Al-Deyab, Xiumei Mo	Q1
71.	Fabrication and preliminary study of a biomimetic tri-layer tubular graft based on fibers and fiber yarns for vascular tissue engineering	2018	A T Wu, J Zhang, Y Wang, D Li, B Sun, H El-Hamshary, M Yin, X Mo	Q1
72.	A flexible thioether-based MOF as a crystalline sponge for structural characterization of liquid organic molecules	2017	Xin-Yu Yang, Shuai Yuan, Jun-Sheng Qin, Christina Lollar, Ali Alsalmeh, Hong-Cai Zhou	Q1
73.	Onion Peel Ethylacetate Fraction and Its Derived Constituent Quercetin 4'-O-beta-D Glucopyranoside Attenuates Quorum Sensing Regulated Virulence and Biofilm Formation	2017	Hanan M Al-Yousef, Atallah F Ahmed, Nasser A Al-Shabib, Sameen Laeeq, Rais A Khan, Md T Rehman, Ali Alsalmeh, Mohamed F Al-Ajmi, Mohammad S Khan, Fohad M Husain	Q1
74.	Flexible Zirconium MOF as the Crystalline Sponge for Coordinative Alignment of Dicarboxylates	2017	Jun-Sheng Qin, Shuai Yuan, Ali Alsalmeh, Hong-Cai Zhou	Q1
75.	Freestanding flexible nitrogen doped-reduced graphene oxide film as an efficient electrode material for solid-state supercapacitors	2017	Duraisamy Selvakumar, Ali Alsalmeh, Abdullah Alswieleh, Ramasamy Jayavel	Q1
76.	Facile in-situ microwave irradiation synthesis of TiO ₂ /graphene nanocomposite for high-performance supercapacitor applications	2018	P Nagarajua, A Alsalmeh, A Alswieleh, R Jayavel	Q1
77.	Retrosynthesis of multi-component metal-organic frameworks	2018	Shuai Yuan, Jun-Sheng Qin, Jialuo Li, Lan Huang, Liang Feng, Yu Fang, Christina Lollar, Jiandong Pang, Liangliang Zhang, Di Sun, Ali Alsalmeh, Tahir Cagin, Hong-Cai Zhou	Q1
78.	One-Step Synthesis of Hybrid Core-Shell Metal-Organic Frameworks	2018	Xinyu Yang, S Yuan, L Zou, Hannah Drake, Yingmu Zhang, Junsheng Qin, Ali Alsalmeh, Hong-Cai Zhou	Q1
79.	Stable metal-organic frameworks as a host platform for catalysis and biomimetics	2018	Jun-Sheng Qin, Shuai Yuan, Christina Lollar, Jiandong Pang, Ali Alsalmeh, Hong-Cai Zhou	Q1
80.	Highly product-selective and scalable rare-earth metal-catalyzed Meinwald rearrangement of epoxy oleochemicals under solvent-free conditions	2018	Rafik Rajjak Shaikha, Rais Ahmad Khan, Ali Alsalmeh	Q1
81.	An efficient and cost-effective tri-functional electrocatalyst based on cobalt ferrite embedded nitrogen doped carbon	2018	Saad M Alshehri, Ameen N Alhabarah, Jahangeer Ahmed, Mu Naushad, Tansir Ahamad	Q1
82.	Cellulose gum and copper nanoparticles based hydrogel as antimicrobial agents against urinary tract infection (UTI) pathogens	2018	Abdullah M Al-Enizi, Tansir Ahamad, Abdullah Baker Al-hajji, Jahangeer Ahmed, Anis Ahmad Chaudhary, Saad M Alshehri	Q1
83.	Synthesis, characterization, multifunctional electrochemical (OGR/ORR/SCs) and photodegradable activities of ZnWO ₄ nanobricks	2018	Saad M Alshehri, Jahangeer Ahmed, Tansir Ahamad, Norah Alhokbany, Prabhakarn Arunachalam, Abdullah M Al-Mayouf, Tokeer Ahmad	Q1
84.	Fabrication of hybrid nanocomposite derived from chitosan as efficient electrode materials for supercapacitor	2018	Eida S Al-Farraj, Ameen N Alhabarah, Jahangeer Ahmed, Abdullah M Al-Enizi, Mu Naushad, Mohd Ubaidullah, Saad M Alshehri, Tansir Ahamad	Q1

85.	Porous nanozymes: the peroxidase-mimetic activity of mesoporous iron oxide for the colorimetric and electrochemical detection of global DNA methylation	2018	Ripon Bhattacharjee, Shunsuke Tanaka, Sofia Moriam, Mostafa Kamal Masud, Jianjian Lin, Saad M Alshehri, Tansir Ahamad, Rahul R Salunkhe, Nam-Trung Nguyen, Yusuke Yamauchi, Md Shahriar A Hossain, Muhammad JA Shiddiky	Q1
86.	Near infrared to visible light organic up-conversion devices with photon-to-photon conversion efficiency approaching 30%	2018	Dezhi Yang, Xiaokang Zhou, Dongge Ma, Agafonov Vadim, Tansir Ahamad, Saad M Alshehri	Q1
87.	Managing excitons for high performance hybrid white organic light-emitting diodes by using a simple planar heterojunction interlayer	2018	Changsheng Shi, Ning Sun, Zhongbin Wu, Jiangshan Chen, Tansir Ahamad, Saad M Alshehri, Dongge Ma	Q1
88.	Significant effect of pore sizes on energy storage in nanoporous carbon supercapacitors	2018	Christine Young, Jianjian Lin, Jie Wang, Bing Ding, Xiaogang Zhang, Saad M Alshehri, Tansir Ahamad, Rahul Salunkhe, Shahriar Hossain, Junayet Khan, Yusuke Ide, Jeonghun Kim, Joel Henzie, Kevin CW Wu, Naoya Kobayashi, Yusuke Yamauchi	Q1
89.	Nitrogen-Doped Cobalt Ferrite/Carbon Nanocomposites for Supercapacitor Applications	2017	Saad M Alshehri, Jahangeer Ahmed, Ameen N Alhabarah, Tansir Ahamad, Tokeer Ahmad	Q1
90.	Bifunctional Electrocatalysts (Co9S8@ NSC) Derived from a Polymer– Metal Complex for the Oxygen Reduction and Oxygen Evolution Reactions	2017	Saad M Alshehri, Jahangeer Ahmed, Aslam Khan, Mu Naushad, Tansir Ahamad	Q1
91.	Highly efficient charge generation and electron injection of m-MTDATA/m-MTDATA: HAT-CN/HAT-CN organic heterojunction on ITO cathode for high efficiency inverted white organic light-emitting diodes	2017	Xiaoli Wang, Changsheng Shi, Qingxun Guo, Jiangshan Chen, Xianfeng Qiao, Dongge Ma, Tansir Ahamad, Saad M Alshehri, Sang S Bae	Q1
92.	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity	2018	A Sharma, S Noki, SJ Zamisa, HA Hazzah, ZM Almarhoon, Ayman El-Faham, G Beatriz, F Albericio	Q2
93.	Two heptacoordinated manganese (II) complexes of giant pentadentate s-triazine bis-Schiff base ligand: Synthesis, crystal structure, biological and DFT studies	2018	SM Soliman, Ayman El-Faham, SE Elsilik, M Farooq	Q2
94.	A new triazoloquinoxaline ligand and its polymeric 1D silver (i) complex: synthesis, structure, and antimicrobial activity	2018	MAM Abu-Youssef, SM Soliman, Ayman El-Faham, J Albering, MM Sharaf	Q2
95.	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study	2018	SA Monaim, YE Jad, Ayman El-Faham, G Beatriz, F Albericio	Q2
96.	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin	2018	Sh. AH Abdel Monaim, GA Acosta, M. Royo, Ayman El-Faham, BG de la Torre, F Albericio	Q2
97.	1,3,5-Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity	2018	Sh N Khattab, HH Khalil, AA Bekhit, MM Abd El-Rahman, BG de la Torre, Ayman El-Faham, F Albericio	Q2
98.	Synthesis and characterization of novel dimeric s-triazine derivatives as potential anti-bacterial agents against MDR clinical isolates	2018	DR Ramadan, AA Elbardan, AA Bekhit, Ayman El-Faham, SN Khattab	Q2
99.	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study	2018	Shimaa AH Abdel Monaim, Yahya E Jad, Ayman El-Faham, Beatriz G de la Torre, F Albericio	Q2

100.	Investigating of N-terminal amino function of Arg10-teixobactin	2017	Shimaa AH Abdel Monaim, Sikabwe Noki, EJ Ramchuran, Ayman El-Faham, F Albericio, BG de la Torre	Q2
101.	Anion inhibitors of the beta-carbonic anhydrase from the pathogenic bacterium responsible of tularemia, Francisella tularensis	2017	Del Prete S, Vullo D, Osman SM, AlOthman Z, Donald WA, Winum JY, Supuran CT, Capasso C	Q2
102.	Zirconium oxide films: deposition techniques and their applications in dye-sensitized solar cells	2017	Waghmare MA, Naushad M, Alothman ZA, Ubale AU, Pathan HM	Q2
103.	Supra molecular mechanism of the removal of 17-beta-estradiol endocrine disturbing pollutant from water on functionalized iron nano particles	2017	Ali Imran, Alothman Zeid A, Alwarthan A	Q2
104.	Fabrication of Mesoporous Cu Films on Cu Foils and Their Applications to Dopamine Sensing	2017	Baba D, Li CL, Malgras V, Jiang B, Alamri HR, Alothman ZA, Hossain MSA, Yamauchi Y, Asahi T	Q2
105.	Mesoporous Alumina as an Effective Adsorbent for Molybdenum (Mo) toward Instant Production of Radioisotope for Medical Use	2017	Saptiama I, Kaneti YV, Suzuki Y, Suzuki Y, Tsuchiya K, Sakae T, Takai K, Fukumitsu N, Alothman ZA, Hossain MSA	Q2
106.	Trifunctional Fe ₃ O ₄ /CaP/Alginate Core-Shell-Corona Nanoparticles for Magnetically Guided, pH-Responsive, and Chemically Targeted Chemotherapy	2017	Wang YP, Liao YT, Liu CH, Yu JS, Alamri HR, Alothman ZA, Hossain MSA, Yamauchi Y, Wu KCW	Q2
107.	Synthesis of nanosized composite powders via a wet chemical process for sintering high performance W-Y ₂ O ₃ alloy	2017	Dong Z, Liu N, Ma ZQ, Liu CX, Guo QY, Yamauchi Y, Alamri HR, Alothman ZA, Hossain MSA, Liu YC	Q2
108.	One-Step Carbon Coating and Polyacrylamide Functionalization of Fe ₃ O ₄ Nanoparticles for Enhancing Magnetic Adsorptive-Remediation of Heavy Metals	2017	Habila MA, ALOthman ZA, El-Toni AM, Labis JP, Khan A, Al-Marghany A, Elafifi HE	Q2
109.	Ibuprofen grafted on poly(2-hydroxyethylmethacrylate): Synthesis, mass transfer, and in vitro drug release investigations	2018	Al-Odayni ABM, Aouak T, Alghamdi AA, Saeed WS, Ouladmane M, Karama U, Alothman ZA	Q2
110.	A rapid and sensitive evaluation of nitrite content in Saudi Arabian processed meat and poultry using a novel ultra-performance liquid chromatography-mass spectrometry method	2018	Siddiqui MR, Wabaidur SM, Khan MA, ALOthman ZA, Rafiquee MZA, Alqadami AA	Q2
111.	Artificial neural network modelling of amido black dye sorption on iron composite nano material: Kinetics and thermodynamics studies	2018	Ali I, Alharbi OML, Alothman Z, Badjah AY, Alwarthan A, Basheer A	Q2
112.	Antibacterial, antioxidant activity of ethanolic plant extracts of some Convolvulus species and their DART-ToF-MS profiling	2017	Asma'a Al-Rifai, Ahmad Aqel, Tarfah Al-Warhi, Saikh M. Wabaidur, Zeid A. Al-Othman, Ahmed-Yacine Badjah-Hadj-Ahmed	Q2
113.	Mixed Zinc/Manganese on Highly Reduced Graphene Oxide: A Highly Active Nanocomposite Catalyst for Aerial Oxidation of Benzylic Alcohols	2017	Mohamed E Assal, Mohammed R Shaik, Mufsir Kuniyil, Mujeeb Khan, Abdulrahman Y Alzahrani, Abdulrahman Al-Warthan, Mohammed Rafiq H Siddiqui, Syed F Adil	Q2
114.	Silver-doped manganese based nanocomposites for aerial oxidation of alcohols	2017	ME Assal, Mohammed R Shaik, M Kuniyil, Mujeeb Khan, JVS Kumar, AY Alzahrani, A Al-Warthan, SA Al-Tamrah, MRH Siddiqui, SA Hashmi, SF Adil	Q2

115.	Ytterbia doped nickel–manganese mixed oxide catalysts for liquid phase oxidation of benzyl alcohol	2018	S.S. Sultana, Roushown Ali, Mufsir Kuniyil, Mujeeb Khan, Abdulrahman Al-Warthan, D.H. Kishore, M.E. Assal, K.R. Prasad, N. Ahmad Mohammed Rafiq H. Siddiqui, Syed F Adil	Q2
116.	Ag ₂ O Nanoparticles-Doped Manganese Immobilized on Graphene Nanocomposites for Aerial Oxidation of Secondary Alcohols	2018	Mohamed E. Assal, Mohammed R Shaik , Mufsir Kuniyil, Mujeeb Khan, Abdulrahman Al-Warthan, Mohammed Rafiq H. Siddiqui, Syed F Adil	Q2
117.	Ag ₂ O nanoparticles/MnCO ₃ , –MnO ₂ or –Mn ₂ O ₃ /highly reduced graphene oxide composites as an efficient and recyclable oxidation catalyst	2018	Mohamed E. Assal, Mohammed R Shaik, Mufsir Kuniyil, Mujeeb Khan, Abdulrahman Al-Warthan, A. I. Alharthi, Ravi Varala, Mohammed Rafiq H Siddiqui, Syed F Adil	Q2
118.	Mixed Zinc/Manganese on Highly Reduced Graphene Oxide: A Highly Active Nanocomposite Catalyst for Aerial Oxidation of Benzylic Alcohols	2018	Mohamed E. Assal, Mohammed Rafi Shaik, Mufsir Kuniyil, Mujeeb Khan, Abdulrahman Yahya Alzahrani, Abdulrahman Al-Warthan, Mohammed Rafiq H. Siddiqui, Syed Farooq Adil	Q2
119.	Enhanced CO ₂ adsorption by nitrogen-doped graphene oxide sheets (N-GOs) prepared by employing polymeric precursors	2018	Abdulaziz Ali Alghamdi, Abdullah Fhead Alshahrani, Nezar H. Khdary, Fahad A. Alharthi, Hussain Ali Alattas, Syed Farooq Adil	Q2
120.	Comparative catalytic evaluation of nickel and cobalt substituted phosphomolybdic acid catalyst supported on silica for hydrodesulfurization of thiophene	2018	Nabil Al-zaqri, Ali Alsalmeh, Syed F. Adil, Ahmad Alsaleh, Saad G. Alshammari, Saud I. Alresayes, Raja Alotaibi, Mohammed Al-Kinany, Mohammed Rafiq H. Siddiqui	Q2
121.	Magneto-structural behaviour of Gd doped nanocrystalline Co-Zn ferrites governed by domain wall movement and spin rotations	2018	Anil B. Mugutkar, Shyam K. Gore, Rajaram S. Mane, Khalid M. Batoo, Syed F. Adil, Santosh S. Jadhav	Q2
122.	A low-cost visible light active BiFeWO ₆ /TiO ₂ nanocompositewith an efficient photocatalytic and photoelectrochemical performance	2018	A Priya, P Arunachalam, A Selvi, J Madhavan, A M Al-Mayouf, M A Ghanem	Q2
123.	Mesoporous cobalt phosphate electrocatalyst prepared using liquid crystal template for methanol oxidation reaction in alkaline solution	2018	M S Al-Sharif, P Arunachalam, T Abiti, M S Amer, M Al-Shalwi, M A Ghanem	Q2
124.	Mesoporous titanium dioxide photoanodes decorated with gold nanoparticles for boosting the photoelectrochemical alkali water oxidation	2018	M A Ghanem, P Arunachalam, M S Amer, A M Al-Mayouf	Q2
125.	Low-loading of oxidized platinum nanoparticles into mesoporous titanium dioxide for effective and durable hydrogen evolution in acidic media	2018	M S Amer, M A Ghanem, A M Al-Mayouf, P Arunachalam, N H Khdary	Q2
126.	Synthesis of Ni ₃ V ₂ O ₈ @ graphene oxide nanocomposite as an efficient electrode material for supercapacitor applications	2018	K Thiagarajan, J Theerthagiri, RA Senthil, P Arunachalam, J Madhavan, M A Ghanem	Q2
127.	Rod-on-flake α-FeOOH/BiOI nanocomposite: Facile synthesis, characterization and enhanced photocatalytic performance	2018	A Malathi, P Arunachalam, J Madhavan, A M Al-Mayouf, Mohamed A Ghanem	Q2

128.	Zinc Tantalum Oxynitride (ZnTaO ₂ N) Photoanode Modified with Cobalt Phosphate Layers for the Photoelectrochemical Oxidation of Alkali Water	2018	P Arunachalam, M N Shaddad, M A Ghanem, A M Al-Mayouf, Mark T Weller	Q2
129.	Electrodeposited Co _{1-x} MoxS thin films as highly efficient electrocatalysts for hydrogen evolution reaction in acid medium	2018	K Premnath, J Theerthagiri, J Madhavan, P Arunachalam, M A Ghanem, A M Al-Mayouf	Q2
130.	Low-Symmetry Mesoporous Titanium Dioxide (1sm-TiO ₂) Electrocatalyst for Efficient and Durable Oxygen Evolution in Aqueous Alkali	2018	M S Amer, M A Ghanem, AM Al-Mayouf, P Arunachalam	Q2
131.	A low cost additive-free facile synthesis of BiFeWO ₆ /BiVO ₄ nanocomposite with enhanced visible-light induced photocatalytic activity	2017	A Malathi, V Vasanthakumar, P Arunachalam, J Madhavan, MA Ghanem	Q2
132.	Cd(II) complex constructed from dipyrindyl imine ligand: Design, synthesis and exploration of its photocatalytic degradation properties	2018	Mohammad Azam, Saud I. Al-Resayes, Saikh M. Wabaidur, A. Trzesowska-Kruszynska, R. Kruszynski, Ranjan K. Mohapatra, M. Rafiq H.Siddiqui	Q2
133.	Single Walled Carbon Nanotube (SWCNT) Porous Reticulated Vitreous Carbon (RVC) Electrodes Used in Capacitive deionization (CDI) Cell for Elective Desalination	2018	Ali Aldalbahi, Mostafizur Rahaman, Mohammed Almoiqli, Abdelrazig Hamedelniei, Abdulaziz Alrehaili	Q2
134.	Regio- and stereoselective synthesis of novel spiro-oxindole via 1,3-dipolar cycloaddition reaction. Anti-cancer and molecular docking studies	2018	G. Lotfy, El Sayed H. El Ashry, M. M. Said, El Sayed El Tamany, A. Al-Dhfyhan, Y.M. Abdel Aziz, A.M. Al-Majid, A. Barakat	Q2
135.	Synthesis, antimicrobial activity, pharmacophore modeling and molecular docking studies of new pyrazole-dimedone hybrid architectures	2018	A Barakat, A Al-majid, B M Al-Qahtani, M Ali, Mohamed Teleb, M HM Al-Agamy, S Naz, Z UI-haq	Q2
136.	Synthesis of rare Ag(I)-malonamide complex: Single-crystal X-ray crystallography and DFT Studies	2018	S. M. Soliman, A. Barakat, M. S. Islam, H. A. Ghabbour	Q2
137.	Substituted spirooxindole derivatives as potent anticancer agents through inhibition of phosphodiesterase	2018	A. Barakat, M.S. Islam, H. M. Ghawas, A. Al-majid, F. F. El-Senduny F.A. Badria, Y. A. M. M. Elshaier, H. A. Ghabbour	Q2
138.	Unexpected Formation of Polymeric Silver(I) complexes of azine-type ligand via self-assembly of Ag-salts with isatin oxamohydrazide; Synthesis, crystal structure and DFT studies	2018	SM Soliman, Jörg Albering, A Barakat	Q2
139.	Salt-controlled self-healing nanogel composite embedded with epoxy as environmentally friendly organic coating	2017	Ayman M. Atta, Hamad A. Al-Lohedan, Ashraf M. El-Saeed, Hussin I. Al-Shafey, Mohamed Wahby	Q2
140.	Bioreduction potentials of dried root of Zingiber officinale for a simple green synthesis of silver nanoparticles: Antibacterial studies	2017	J Judith Vijay, N Jayaprakash, K Kombaiaha, K Kaviyarasuc, L John Kennedy, R Jothi Ramalingam, Hamad A Al-Lohedan, Mansoor-Ali V, M Maaza	Q2
141.	Efficient synthesis of butyl levulinate from furfuryl alcohol over ordered mesoporous Ti-KIT-6 catalysts for green chemistry applications	2017	Jimmy Nelson Appaturi, Mohd Rafie Johan, R. Jothi Ramalingam, Hamad A. Al-Lohedan, J. Judith Vijay	Q2
142.	Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials	2017	S. K. Jesudoss, J. Judith Vijay, K. Kaviyarasu, L. John Kennedy, R. Jothi Ramalingam, Hamad A. Al-Lohedan	Q2

143.	Okra extract-assisted green synthesis of CoFe ₂ O ₄ nanoparticles and their optical, magnetic, and antimicrobial properties	2018	K. Kombaiah, J. Judith Vijaya, L. John Kennedy, M. Bououdin, R. Jothi Ramalingam, Hamad A. Al-Lohedan	Q2
144.	Highly efficient green mesostructured urea functionalized on SBA-15 catalysts for selective synthesis of benzlidenmalononitrile	2018	Jimmy Nelson Appaturi, Mohd. Rafie Johan, R. Jothi Ramalingam, Hamad A. Al-Lohedan	Q2
145.	Synthesis and application of new surface active poly (ionic liquids) based on 1,3-dialkylimidazolium as demulsifiers for heavy petroleum crude oil emulsions	2018	Abdelrahman O. Ezzat, Ayman M. Atta, Hamad A. Al-Lohedan, Ahmed I. Hashem	Q2
146.	Demulsification of heavy crude oil using new nonionic cardanol surfactants	2018	Ayman M. Atta, Mahmood M.S. Abdullah, Hamad A. Al-Lohedan, Abdelrahman O. Ezzat	Q2
147.	Comprehensive exploration of the anticancer activities of procaine and its binding with calf thymus DNA: a multi spectroscopic and molecular modelling study	2018	Mohd. Sajid Ali, Mohammad Abul Farah, Hamad A. Al-Lohedan, Khalid Mashay Al-Anazi	Q2
148.	Green synthesis of NiO nanoparticles using Aegle marmelos leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties	2018	A. Angel Ezhilarasi, J. Judith Vijay, K. Kaviyarasu, L. John Kennedy, R. Jothi Ramalingam, Hamad A. Al-Lohedan	Q2
149.	Investigation on preferably oriented abnormal growth of CdSe nanorods along (0002) plane synthesized by henna leaf extract mediated green synthesis	2018	P. Iyyappa Rajan, J. Judith Vijaya, S. K. Jesudoss, K. Kaviyarasu, Seung-Cheol Lee, L. John Kennedy, R. Jothiramalingam, Hamad A. Al-Lohedan, M. Mahamad Abdullah	Q2
150.	Synthesis, characterization and catalytic activity of melamine immobilized MCM-41 for condensation reactions	2018	Jimmy Nelson Appaturi, R. Jothi Ramalingam, Hamad A. Al-Lohedan	Q2
151.	In situ preparation of magnetite/cuprous oxide/poly (AMPS /NIPAm) for removal of methylene blue from waste water	2018	Ayman M Atta, Sami A Al-Hussain,	Q2
			Hamad A Al-Lohedan, Abdelrhman O Ezzat, Ahmed M Tawfeek, Talal Al-Otabi	
152.	Human serum albumin binding to the biologically active labdane diterpene "leoheterin": Spectroscopic and in silico analysis	2018	Mohd. Sajid Ali, Musarat Amin,	Q2
			Hamad A. Al-Lohedan, Nawal M. Al Musayei	
153.	CuII-NaI heteronuclear complex as anticancer entity against human breast cancer cell lines: DNA binding, cleavage, and Computational studies	2018	Mohammad Usman b, Sartaj Tabassum, Farukh Arjmand, Rais Ahmad Khan, Mohd. Sajid Ali, Hamad A. Al-Lohedan, Ali Alsalmeh, Mohammad Abul Farah, Khalid Mashay Al-Anazi, Musheer Ahmad	Q2
154.	In situ preparation of magnetic Fe ₃ O ₄ .Cu ₂ O.Fe ₃ O ₄ /cryogel nanocomposite powder via a reduction-coprecipitation method as adsorbent for methylene blue water pollutant	2018	Ayman M Atta, Hamad A Al-Lohedan, Ahmed M Tawfeek, Mona A Ahmed	Q2

155.	Double hydroxide mediated synthesis of nanostructured ZnCo ₂ O ₄ as high performance electrode material for supercapacitor applications	2017	V Venkatachalam, A Alsalmeh, A Alswieleh, R Jayavel	Q2
156.	Freestanding flexible nitrogen doped-reduced graphene oxide film as an efficient electrode material for solid-state supercapacitors	2017	D Selvakumar, A Alsalmeh, A Alswieleh, R Jayavel	Q2
157.	Green synthesis of Fe ₃ O ₄ nanoparticles using aqueous extracts of Pandanus odoratissimus leaves for efficient bifunctional electro-catalytic activity	2018	Mohamed F Alajmi, Jahangeer Ahmed, Afzal Hussain, Tansir Ahamad, Norah Alhokbany, Samira Amir, Tokeer Ahmad, Saad M Alshehri	Q2
158.	Removal of organic water pollutant using magnetite nanomaterials embedded with ionic copolymers of 2-acrylamido-2-methylpropane sodium sulfonate cryogels	2018	Al-Hussain, S.A, Ezzat, A.O., Gaffer, A.K., Atta, A.M.	Q2
159.	Evaluation of Transition Metal complexes of Benzimidazole based Scaffold as a Promising Anticancer Chemotherapeutics	2018	Afzal Hussain, M. F. AlAjmi, Md. Tabish Rehman, Azmat Ali Khan, Perwez Alam, Rais Ahmad Khan	Q2
160.	Design, Synthesis, and Biological Evaluation of Benzimidazole-Derived Biocompatible Copper(II) and Zinc(II) Complexes as Anticancer Chemotherapeutics		M. F. AlAjmi, Afzal Hussain, Md. Tabish Rehman, Azmat A. Khan, Perwez A. Sheikh, Rais Ahmad Khan	Q2
161.	Tetranuclear Cubane Cu ₄ O ₄ complexes as prospective Anticancer Agents: Design, Synthesis, Structural Elucidation, Magnetism, Computational Studies and Cytotoxicity Assays	2018	Mohammad Usman, Farukh Arjmand, Rais Ahmad Khan, Ali Alsalmeh, Musheer Ahmad, Mousumi S. Bishwas Sartaj Tabassum	Q2
162.	Characterization of colchicine binding with normal and glycosylated albumin: In-vitro and molecular docking analysis	2017	N. Rabbani, S. Tabrez, B. Islam, M. T. Rehman, A. M. Alsenaidy, M. F. AlAjmi, Rais Ahmad Khan, M. A. Alsenaidy, M. S. Khan	Q2
163.	YCl ₃ -catalyzed Highly Selective Ring Opening of Epoxides by Amines at Room Temperature and under Solvent-free Conditions	2017	W. Natongchai, Rais Ahmad Khan, A. Alsalmeh, RR Shaikh	Q2
164.	Biological evaluation of dinuclear copper complex/dichloroacetic acid cocrystal against human breast cancer: design, synthesis, characterization, DFT studies and cytotoxicity assays	2017	Mohammad Usman, Farukh Arjmand, Rais Ahmad Khan, Ali Alsalmeh, Musheer Ahmad, Sartaj Tabassum	Q2
165.	Dipolar cycloaddition based multi-component reaction: Synthesis of spiro tethered acenaphthylene-indolizine-pyridinone hybrids	2018	Raju S Kumar, Abdulrahman I Almansour, N Arumugam, G Periyasami, S Athimoolam, Raju R Kumar, M Asad, Abdullah M Asiri	Q2
166.	Rego- and diastereoselective synthesis of anticancer spirooxindoles derived from tryptophan and histidine via three-component 1,3-dipolar cycloaddition in an ionic liquid	2018	Natarajan Arumugam, Abdulrahman I Almansour, Raju S Kumar, Vaiyapuri S Periasamy, Jegan Athinarayanan, Ali A Alshatwi, Periyasami Govindasami, Mohammed Altaf, J Carlos Menendez	Q2
167.	Practical synthesis of four different pseudoenantiomeric organocatalysts with both cis- and trans-substituted 1,2-cis-cyclohexanediamine structures from a common intermediate	2018	Hyo-Jun Lee, Natarajan Arumugam, Abdulrahman I. Almansour, Raju Suresh Kumar, Keiji Maruoka	Q2

168.	Enantioselective Alkylation of N-Arylhydrazones Derived from α -Keto Esters and Isatin Derivatives through Asymmetric Phase-Transfer Catalysis	2018	Qi-Kai Kang, Sermadurai Selvakumar, Abdulrahman I. Almansour, Raju Suresh Kumar, Keiji Maruoka	Q2
169.	A one-pot access to pyridine/benzo fused cyclododecanes via multi-component tandem reactions	2018	Mani A Rani, Abdulrahman I. Almansour, Raju S Kumar, Raju R Kumar Sundaravel Vivek Kumar	Q2
170.	Multicomponent Domino Synthesis, Anticancer Activity and Molecular Modeling Simulation of Complex Dispirooxindolopyrrolidines	2018	Natarajan Arumugam, Abdulrahman I Almansour, Raju S Kumar, P Govindasami, Dhaifallah M Althamili, R Krishnamoorthy, VS Periasamy, Ali A Alshatwi, SM Mahalingam, S Thangamani, JC Menéndez	Q2
171.	YCl ₃ -Catalyzed Highly Selective Ring Opening of Epoxides by Amines at Room Temperature and under Solvent-Free Conditions	2017	Wuttichai Natongchai, Rais Ahmad Khan, Ali Alsalmé, Rafik Rajjak Shaikh	Q2
172.	Construction of an Ultrasensitive and Highly Selective Nitrite Sensor Using Piroxicam-Derived Copper Oxide Nanostructures	2018	Ali Alsalmé, Munazza Arain, Ayman Nafady, Sirajuddin	Q2
173.	Green synthesis of Fe ₃ O ₄ nanoparticles using aqueous extracts of Pandanus odoratissimus leaves for efficient bifunctional electro-catalytic activity	2018	Mohamed F Alajmi, Jahangeer Ahmed, Afzal Hussain, Tansir Ahamad, Norah Alhokbany, Samira Amir, Tokeer Ahmad, Saad M Alshehri	Q2
174.	Periodically Arranged Arrays of Dendritic Pt Nanospheres Using Cage-Type Mesoporous Silica as a Hard Template	2018	Kenya Kani, Victor Malgras, Bo Jiang, Md A Hossain, Saad M Alshehri, Tansir Ahamad, Rahul R Salunkhe, Zhenguo Huang, Yusuke Yamauchi	Q2
175.	Synthesis, characterization and antimicrobial activity of salisaldehyde-based terpolymeric ligand and its transition metal complexes	2018	Saad M Alshehri, Amal Al-Fawaz, Fadia Al-Ghamdi, Tansir Ahamad	Q2
176.	High surface area nanoporous carbon derived from Bangladeshi jute	2018	Junayet Hossain Khan, Jianjian Lin, Christine Young, Babasaheb M Matsagar, Kevin C Wu, Pareshe L Dhepe, Md T Islam, Mahbubur Rahman, Lok Shrestha, Saad M Alshehri, Tansir Ahamad, Rahul Salunkhe, Nanjundan Kumar, Darren Martin, Yusuke Yamauchi, Md Hossain	Q2
177.	A Simple Approach to Generate Hollow Carbon Nanospheres Loaded with Uniformly Dispersed Metal Nanoparticles	2017	Yunqi Li, Haibo Tan, Toshiaki Takei, Md Shahriar A Hossain, Md Tofazzal Islam, Saad M Alshehri, Tansir Ahamad, Rahul R Salunkhe, Subrata Pradhan, Joel Henzie, Yusuke Yamauchi, Katsuhiko Ariga	Q2
178.	Synthesis of MOF-525 Derived Nanoporous Carbons with Different Particle Sizes for Supercapacitor Application	2017	Ting H Chang, Christine Young, Min-Han Lee, Rahul R Salunkhe, Saad M Alshehri, Tansir Ahamad, Md Tofazzal Islam, Kevin CW Wu, Md Shahriar A Hossain, Yusuke Yamauchi, Kuo-Chuan Ho	Q2
179.	Nitrogen containing polymers-based triazine: synthesis, characterization and its applications for scavenging of copper(II)	2018	E Kenawy, Smeh M Osman, Zeid A AlOthman, EA Aly, SN Khattab, Ayman El-Faham	Q3

180.	One pot synthesis of two Mn (II) perchlorate complexes with s-triazine NNN-pincer ligand; molecular structure, Hirshfeld analysis and DFT studies	2018	SM Soliman, Ayman El-Faham	Q3
181.	Synthesis, characterization and structural studies of two heteroleptic Mn(II) complexes with tridentate N,N,N-pincer type ligand	2018	SM Soliman, Ayman El-Faham	Q3
182.	N-methylation in amino acids and peptides: Scope and limitations" Biopolymers	2018	Sharma A Kumar, SAH Abdel Monaim, YE Jad, Ayman El-Faham, BG de la Torre, F Albericio	Q3
183.	Synthesis, Characterization, and Antimicrobial Studies of Novel Series of 2,4-Bis(hydrazino)-6-substituted-1,3,5-triazine and Their Schiff Base Derivatives	2018	Hessa H Al-Rasheed, Essam N Sholkamy, Monirah Al Alshaikh, Mohammed RH Siddiqui , Ahmed S Al-Obaidi, Ayman El-Faham	Q3
184.	Low temperature X-ray structure analyses combined with NBO studies of a new heteroleptic octa-coordinated Holmium(III) complex with N,N,N-tridentate hydrazono-phthalazine-type ligand	2018	Saied M Soliman, Ayman El-Faham	Q3
185.	1,3,5-Triazine-based polymer: synthesis, characterization and application for immobilization of silver nanoparticles	2017	Sameh M Osman, Sherine N Khattab, El-Saied A Aly, El-Refaie Kenawy, Ayman El-Faham	Q3
186.	Synthesis, crystallographic characterization, DFT and TD-DFT studies of Oxyma-sulfonate esters	2017	SM Soliman, HA Ghabbour, SN Khattab, MRH Siddiqui, Ayman El-Faham	Q3
187.	Determination of monoaromatic hydrocarbons in water samples by nano-liquid chromatography using a composite carbon nanotubes-lauryl polymethacrylate capillary monolithic column	2018	Ahmad Aqel, Soad S. Alzahrani, Asma'a Al-Rifai, Mohammed Alturkey, Kareem Yusuf, Zeid A. ALOthman, Ahmed-Yacine Badjah-Hadj-Ahmed	Q3
188.	Plant-Extract-Assisted Green Synthesis of Silver Nanoparticles Using Origanum vulgare L. Extract and Their Microbicidal Activities	2018	Mohammed R Shaik, Mujeeb Khan, Mufsir Kuniyil, A Al-Warthan, Hamad Z Alkhathlan, Mohammed RH Siddiqui, Jilani P Shaik, Anis Ahamed, Adeem Mahmood, Merajuddin Khan, Syed F Adil	Q3
189.	Enhanced photoelectrochemical oxidation of alkali water over cobalt phosphate (Co-Pi) catalyst-modified ZnLaTaON ₂ photoanodes	2018	M N Shaddad, P Arunachalam, A M Al-Mayouf, M A Ghanem, A I Alharthi	Q3
190.	Lowering energy band gap and enhancing photocatalytic properties of Cu/ZnO composite decorated by transition metals	2018	A Modwi, M A Ghanem, AM Al-Mayouf, A Houas	Q3
191.	Enhancing the Optical Absorption and Interfacial Properties of BiVO ₄ with Ag ₃ PO ₄ Nanoparticles for Efficient Water Splitting	2018	M N Shaddad, D Cardenas-Morcoso, P Arunachalam, M Garcia-Tecedor, M A Ghanem, J Bisquert, A Al-Mayouf, S Gimenez	Q3
192.	Probing the Catalytic Efficiency of Supported Heteropoly Acids for Esterification: Effect of Weak Catalyst Support Interactions	2018	Ali Alsalmeh, Aliyah A. Alsharif, Hamda Al-Enizi, Mujeeb Khan, Saad G. Alshammari, Mshari A. Alotaibi, Rais Ahmad Khan, Mohammed Rafiq H. Siddiqui	Q3
193.	Tautomerism aspect of thione-thiol combined with spectral investigation of some 4-amino-5-methyl-1,2,4-triazole-3-thione Schiff's bases	2017	E-S. H. El Ashry, L. Awad, S.M.Soliman, H.A. Ghabbour, A.Barakat, MN Abd Al Moaty	Q3

194.	Synthesis, solvatochromism and crystal structure of trans-[Cu(Et2NCH2CH2NH2)2.H2O](NO3)2 complex: Experimental with DFT combination	2017	I Warad, S Musameh, I Badran, NN Nassar, P Brandao, CJ Tavares, A Barakat	Q3
195.	Regioselective synthesis of novel spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies	2018	A. Barakat, S. M. Soliman, A. Al-majid, M. Ali, M.S. Islam, Y. A. M. M. Elshaier, H. A. Ghabbour	Q3
196.	Stereoselective synthesis of novel thioglycosyl heterocycles	2018	E-S. H. El Ashry, L. F. Awad, M. N. A-A. Moaty, H. A. Ghabbour, A. Barakat	Q3
197.	New hybrid of barbituric acid motif: Synthesis, X-ray single crystal, DFT and Hirshfeld surface analyses	2018	A. Barakat, M. Ali, S. M. Soliman, A-M. Abu-Elfotouh, A. M. Al-Majid, H. A. Ghabbour	Q3
198.	Catalytic conversion of polyols (sorbitol and xylitol) to hydrocarbons over hierarchical ZSM-5 zeolite catalysts in a fixed bed reactor	2017	S Narayanan, J Judith Vijaya, S Sivasanker, TM Sankaranarayanan, C Ragupathi, L John Kennedy, R. Jothiramalingam, Hamad A Al-Lohedan, Ahmed M Tawfeek, J Judith Vijaya	Q3
199.	Dodecyl Sulfate Chain-Anchored Mercerized Lignocellulose Agro-Waste: An Effective and Sustainable Adsorbent to Sequester Heavy Metal Ions from an Aqueous Phase	2017	Moonis Ali Khan , Mohd Sajid Ali, Zeid A Alothman, Masoom Raza Siddiqui, Hamad A. Al-Lohedan	Q3
200.	Synthesis, Characterization and Applications of Ethyl Cellulose-Based Polymeric Calcium(II) Hydrogen Phosphate Composite	2018	F Mohammad, T Arfin, HA AL-Lohedan	Q3
201.	A zwitterionic Zn(II) benzothiazole nanohybrid conjugate as hydrolytic DNA cleavage agent	2018	Sifteen Zehra, Sartaj Tabassum, Hamad A. Al-Lohedan, Farukh Arjmand	Q3
202.	Hydrothermal synthesis of nanosized (Fe, Co, Ni)-TiO2 for enhanced visible light photosensitive applications Author links open overlay panel	2018	KR Anju, Thankapan Radika, Rajabathar Jothi Ramaligham, Hamad A. Al-Lohedan	Q3
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204.	Liquid Phase Catalytic Oxidation of Toluene Over Rich Silica and Alumina Composition of Hierarchical Ordered ZSM-5 Zeolites Prepared Without Organic Templates	2018	SK Jesudoss, J Judith Vijaya, M Sivachidambaram, L John Kennedy, R Jothiramalingam, Hamad A Al-Lohedan	Q3
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