

TOTAL NUMBER OF PUBLICATIONS IN LAST ONE YEAR

List of Research Publications by DUET Faculty

Authors	Title	ISSN	Journal name	Publisher	Year	Quartile Rank
Murtaza G., Shaikh N.M., Kandhro G.A., Ashraf M.	Laser induced breakdown optical emission spectroscopic study of silicon plasma	13861425	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	Elsevier B.V.	2019	Q1
Khowaja A., Nadir D.	Automatic Fabric Fault Detection Using Image Processing		MACS 2019 - 13th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics, Proceedings	Institute of Electrical and Electronics Engineers Inc.	2019	Conference Paper
Saeed I.M., Ali B.S., Jan B.M., Basirun W.J., Mazari S.A., Birima I.A.O.	Thermal degradation of diethanolamine at stripper condition for CO2 capture: Product types and reaction mechanisms	10049541	Chinese Journal of Chemical Engineering	Chemical Industry Press	2019	Q2
Pan K., Shan K., Wei S., Li K., Zhu J., Siyal S.H., Wu H.-H.	Enhanced photocatalytic performance of WO3-x with oxygen vacancies via heterostructuring	24522139	Composites Communications	Elsevier Ltd	2019	Q2
Shah A.K., Maitlo G., Shah A.A., Channa I.A., Kandhro G.A., Maitlo H.A., Bhatti U.H., Shah A., Memon A.Q., Jatoi A.S., Park Y.H.	One pot menthol synthesis via hydrogenations of citral and citronellal over montmorillonite-supported Pd/Ni-heteropoly acid bifunctional catalysts	18785190	Reaction Kinetics, Mechanisms and Catalysis	Springer Netherlands	2019	Q4
Siyal S.H., Li M., Li H., Lan J.-L., Yu Y., Yang X.	Ultraviolet irradiated PEO/LATP composite gel polymer electrolytes for lithium-metallic batteries (LMBs)	1694332	Applied Surface Science	Elsevier B.V.	2019	Q1
Kiran N., Abro R., Abro M., Shah A.A., Jatoi A.S., Bhutto A.W., Qureshi K., Sabzoi N., Gao S., Yu G.	Extractive desulfurization of gasoline using binary solvent of bronsted-based ionic liquids and non-volatile organic compound	3666352	Chemical Papers	Springer International Publishing	2019	Q3
Wachemo A.C., Tong H., Yuan H., Zuo X., Korai R.M., Li X.	Continuous dynamics in anaerobic reactor during bioconversion of rice straw: Rate of substance utilization, biomethane production and changes in microbial community structure	489697	Science of the Total Environment	Elsevier B.V.	2019	Q1
Khan S., Daudpoto J.	Development of Low-Cost Autonomous Robot		Proceedings - 2019 Innovations in Intelligent Systems and Applications Conference, ASYU 2019	Institute of Electrical and Electronics Engineers Inc.	2019	Conference Paper
Jan B., Yousufzai M.A.K., Afridi F.A.K., Nawaz F.	Study the stratospheric ozone irregularity over Pakistan atmospheric region in perspectives of wavelet analysis	18667511	Arabian Journal of Geosciences	Springer Verlag	2019	Q4
Bhutto A.W., Bazmi A.A., Karim S., Abro R., Mazari S.A., Nizamuddin S.	Promoting sustainability of use of biomass as energy resource: Pakistan's perspective	9441344	Environmental Science and Pollution Research	Springer Verlag	2019	Q2
Siddiqi A.A., Narejo G.B., Tariq M., Hashmi A.	INVESTIGATION of HISTOGRAM EQUALIZATION FILTER for CT SCAN IMAGE ENHANCEMENT	10162372	Biomedical Engineering - Applications, Basis and Communications	World Scientific Publishing Co. Pte Ltd	2019	

Shah A.K., Maitlo G., Korai R.M., Unar I.N., Shah A.A., Khan H.A., Shah S.F.A., Ismail U., Park Y.H.	Citronellal cyclisation to isopulegol over micro-mesoporous zsm-5 zeolite: effects of desilication temperature on textural and catalytic properties	18785190	Reaction Kinetics, Mechanisms and Catalysis	Springer Netherlands	2019	Q4
Li Z., Chen Y., Wei S., Xiao F., Siyal S.H., Xu L.	Flow behavior and processing map for hot deformation of W-1.5ZrO2 alloy	9258388	Journal of Alloys and Compounds	Elsevier Ltd	2019	Q2
Aziz H., Tunio S.Q.	Enhancing oil recovery using nanoparticles - A review	20436262	Advances in Natural Sciences: Nanoscience and Nanotechnology	IOP Publishing Ltd	2019	
Sohoo I., Ritzkowski M., Kuchta K.	Evaluation of behavior of waste disposal sites in karachi, pakistan and effects of enhanced leaching on their emission potential	26114127	Detritus	Cisa Publisher - Eurowaste Srl	2019	
Kalhor S.A., Shahid M., Ali S.M.U., Ahmed T., Ara D.	Wind and solar energy resources potential across coastal mega cities, of Pakistan	22773878	International Journal of Recent Technology and Engineering	Blue Eyes Intelligence Engineering and Sciences Publication	2019	
Kalhor S.A., Noman M.A., Awan M.R., Ahmed T., Soomro S.A., Faisal M.	Wind energy status and potential assessment across coastal Mega city, of Pakistan	22773878	International Journal of Recent Technology and Engineering	Blue Eyes Intelligence Engineering and Sciences Publication	2019	
Jatoi A.S., Rehman W.U., Aziz S., Soomro S.A., Shah S.F.	Numerical investigation of effect of aeration rate on ethanol production	0094243X	AIP Conference Proceedings	American Institute of Physics Inc.	2019	
Panhwar M.A., Memon K.A., Abro A., Zhongliang D., Khuhro S.A., Ali Z.	Efficient approach for optimization in traffic engineering for multiprotocol label switching		ICEIEC 2019 - Proceedings of 2019 IEEE 9th International Conference on Electronics Information and Emergency Communication	Institute of Electrical and Electronics Engineers Inc.	2019	Conference Paper
Nizamuddin S., Baloch H.A., Mubarak N.M., Riaz S., Siddiqui M.T.H., Takkalkar P., Tunio M.M., Mazari S., Bhutto A.W.	Solvothermal Liquefaction of Corn Stalk: Physico-Chemical Properties of Bio-oil and Biochar	18772641	Waste and Biomass Valorization	Springer Netherlands	2019	Q2
Mazari S.A., Alaba P., Saeed I.M.	Formation and elimination of nitrosamines and nitramines in freshwaters involved in post-combustion carbon capture process	22133437	Journal of Environmental Chemical Engineering	Elsevier Ltd	2019	Q1
Maitlo G., Unar I.N., Mahar R.B., Brohi K.M.	Numerical simulation of lignocellulosic biomass gasification in concentric tube entrained flow gasifier through computational fluid dynamics	1445987	Energy Exploration and Exploitation	SAGE Publications Inc.	2019	
Shahbaz M., Ammar M., Zou D., Korai R.M., Li X.J.	An Insight into the Anaerobic Co-digestion of Municipal Solid Waste and Food Waste: Influence of Co-substrate Mixture Ratio and Substrate to Inoculum Ratio on Biogas Production	2732289	Applied Biochemistry and Biotechnology	Humana Press Inc.	2019	Q3
Gao S., Chen X., Xi X., Abro M., Afzal W., Abro R., Yu G.	Coupled Oxidation-Extraction Desulfurization: A Novel Evaluation for Diesel Fuel	21680485	ACS Sustainable Chemistry and Engineering	American Chemical Society	2019	
Akram M.Y., Hameed M.U., Akhtar N., Ali S., Maitlo I., Zhu X.-Q., Jun N.	Synthesis of high performance Ni3C-Ni decorated thermally expanded reduced graphene oxide (TErGO/Ni3C-Ni) nanocomposite: A stable catalyst for reduction of Cr(VI) and organic dyes	3043894	Journal of Hazardous Materials	Elsevier B.V.	2019	Q1

Nabi G., Affan M., Khan R., Hameed M., Ali Z.	Adaptive Tracking Controller Design for the Horizontal Planner Motion of an Autonomous Underwater Vehicle		Proceedings of 2019 16th International Bhurban Conference on Applied Sciences and Technology, IBCAST 2019	Institute of Electrical and Electronics Engineers Inc.	2019	Conference Paper
Maitlo G., Unar I.N., Shah S.A.K.	Thermogravimetric analysis of Pakistani biomasses using nitrogen and oxygen as a carrier gas	3666352	Chemical Papers	Springer International Publishing	2019	Q3
Zhou L., Gao J., Liu Y., Liang J., Javid M., Shah A., Dong X., Yu H., Quan X.	Template synthesis of novel monolayer B4C ultrathin film	2728842	Ceramics International	Elsevier Ltd	2019	Q1
Siddiqui M.T.H., Nizamuddin S., Baloch H.A., Mubarak N.M., Al-Ali M., Mazari S.A., Bhutto A.W., Abro R., Srinivasan M., Griffin G.	Fabrication of advance magnetic carbon nano-materials and their potential applications: A review	22133437	Journal of Environmental Chemical Engineering	Elsevier Ltd	2019	Q1
Hussain S., Ismail M., Waqar A., Amjad M.A., Iqbal M.M., Shaur M., Arshad R.	Implementing FPGA based PID-controller for Extrusion to Reduce Raw Material Wastage	21573611	IEEE International Conference on Industrial Engineering and Engineering Management	IEEE Computer Society	2019	
Maitlo G., Kandhro G.A., Korai R.M., Shah A.K., Maitlo I.	Computational fluid dynamic (CFD) simulation of thar lignite coal and sugarcane bagasse in entrained flow gasifier	1996918X	Pakistan Journal of Analytical and Environmental Chemistry	University of Sindh	2019	National Paper
Hussainy A., Aliy I., Kumaryy R., Ahmedy Z.	Non-linear EH relaying in delay-transmission mode over $\eta - \mu$ fading channels	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2019	
Unar I.N., Soomro S.A., Maitlo G., Aziz S., Mahar R.B., Bhatti Z.A.	Numerical Study of Coal Composition Effects on the Performance of Gasification Through Computational Fluid Dynamic	15426580	International Journal of Chemical Reactor Engineering	De Gruyter	2019	Q3
Ashraf M., Shaikh N.M., Kandhro G.A., Murtaza G., Iqbal J., Iqbal A., Lashari S.A.	Energy penetrated and inverse bremsstrahlung absorption co-efficient in laser ablated germanium plasma	222860	Journal of Molecular Structure	Elsevier B.V.	2019	Q3
Hamid M.A.A., Abdullah M., Khan N.A., Al-Zoom Y.M.A.	Biotechnical system for recording phonocardiography	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2019	
Tariq M., Siddiqi A.A., Narejo G.B., Andleeb S.	A cross sectional study of tumors using bio-medical imaging modalities	15734056	Current Medical Imaging Reviews	Bentham Science Publishers B.V.	2019	
Ali Abro W., Majeed Shar A., Sang Lee K., Ali Narejo A.	An integrated analysis of mineralogical and microstructural characteristics and petrophysical properties of carbonate rocks in the lower Indus Basin, Pakistan	23915447	Open Geosciences	De Gruyter	2019	Q4
Khan N.A., Chan A.S., Saleem K., Bhutto Z., Hussain A.	VoIP QoS analysis over asterisk and Axon servers in LAN environment	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2019	
Iqbal J., Bhutto Z., Latif Z., Zahid Tunio M., Kumar R., Shaikh M.H., Nawaz M.	Optimization and deployment of Femtocell: Operator's perspectives	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2019	
Rizwan M., Shah S.H., Mujtaba G., Mahmood Q., Rashid N., Shah F.A.	Ecofuel feedstocks and their prospect		Advanced Biofuels: Applications, Technologies and Environmental Sustainability	Elsevier	2019	

Jumani A.K., Sanjrani A.A., Khoso F.H., Memon M.A., Mahar M.H., Kumar V.	Generic Framework of Knowledge-Based Learning: Designing and Deploying of Web Application	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	Springer Verlag	2019	
Nizamuddin S., Maryam S., Baloch H.A., Siddiqui M.T.H., Takkalkar P., Mubarak N.M., Jatoi A.S., Abbasi S.A., Griffin G.J., Qureshi K., Kao N.	Electrical properties of sustainable nanocomposites containing nano-fillers: Dielectric properties and electrical conductivity		Sustainable Polymer Composites and Nanocomposites	Springer International Publishing	2019	
Nizamuddin S., Abbasi S.A., Jatoi A.S., Siddiqui M.T.H., Baloch H.A., Mubarak N.M., Griffin G.J., Abdullah E.C., Qureshi K., Karri R.R.	Microwave-assisted synthesis for carbon nanomaterials		Nanomaterials Synthesis: Design, Fabrication and Applications	Elsevier	2019	
De Souza A., Jan B., Nawaz F., Zai M.A.K.Y., Pavao H.G., Fernandes W.A., De Oliveira S.S., Pobocikova I., Seabra J.R.L.L., Abreu M.C., De Oliveira Júnior J.F., Baptista G.C.Z.	Determination of the best probability distribution of fit for ozone concentration data in Campo Grande-MS-Brazil	20635346	European Chemical Bulletin	Deuton-X Ltd	2019	
Ahmed Z., Wu P., Jiang L., Liu	Enhanced simultaneous adsorption of Cd(II) and Pb(II) on octylamine functionalized vermiculite	9277757	and Surfaces A: Physicochemical and Engineering	Elsevier B.V.	2020	Q2
Javed M.S., Shah S.S.A., Najam	Achieving high-energy density and superior cyclic stability in flexible and lightweight pseudocapacitor through synergic effects of binder-free CoGa ₂ O ₄ 2D-hexagonal nanoplates	22112855	Nano Energy	Elsevier Ltd	2020	Q1
Javed M.S., Khan A.J., Asim S.	Insights to pseudocapacitive charge storage of binary metal-oxide nanobelts decorated activated carbon cloth for highly-flexible hybrid-supercapacitors	2352152X	Journal of Energy Storage	Elsevier Ltd	2020	Q2
Wang Z., Yin H., Tang Y., Siya	Electrochemical and photo response behavior of in situ Fe doped Ti ₃ SiC ₂ after anodization	3603199	International Journal of Hydrogen Energy	Elsevier Ltd	2020	Q2
Korai R.M., Li X.	Effect of ultrasonic assisted KOH pretreatment on physicochemical characteristic and anaerobic digestion performance of wheat straw	10049541	Chinese Journal of Chemical Engineering	Materials China	2020	Q2
Ali G., Shinde S.S., Sami A., K	Effect of interfacial passivation on inverted pyramid silicon/poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate) heterojunction solar cells	406090	Thin Solid Films	Elsevier B.V.	2020	Q3
Lashari N., Ganat T.	Emerging applications of nanomaterials in chemical enhanced oil recovery: Progress and perspective	10049541	Chinese Journal of Chemical Engineering	Materials China	2020	Q2

Ali S., Aslam M.I., Ahmed I., Kim	Analysis of the decoupled uplink downlink technique for varying path loss exponent in multi-tier HetNet	10184864	Telecommunication Systems	Springer	2020	
Ahmed S., Bhatti D.M.S., Kim	Complexity reduced soft MIMO detection using single tree search	9756809	Journal of Systems Assurance Engineering and	Springer	2020	
Ghalib L., Abdulkareem A., Ali	Modeling the rate of corrosion of carbon steel using activated diethanolamine solutions for CO ₂ absorption	10049541	Chinese Journal of Chemical Engineering	Materials China	2020	Q2
Khan A.J., Khan A., Javed M.S.	Surface assembly of Fe ₃ O ₄ nanodiscs embedded in reduced graphene oxide as a high-performance negative electrode for supercapacitors	2728842	Ceramics International	Elsevier Ltd	2020	Q1
Ahmad M., Aziz A.R.A., Mazari	Photocatalytic degradation of methyl orange from wastewater using a newly developed Fe-Cu-Zn-ZSM-5 catalyst	9441344	Environmental Science and Pollution Research	Springer	2020	Q2
Owais M., Mehdi M., Hassan M.	The synergetic effect of hot rolling and heat treatment on mechanical properties: AISI-1045 and JIS-SUP 9 Steel	903973	Journal of Testing and Evaluation	ASTM International	2020	Q4
Khan F.S.A., Mubarak N.M., Khan	Magnetic nanoadsorbents' potential route for heavy metals removal—a review	9441344	Environmental Science and Pollution Research	Springer	2020	Q2
Seehar T.H., Toor S.S., Shah A.	Biocrude production from wheat straw at sub and supercritical hydrothermal liquefaction	19961073	Energies	MDPI AG	2020	Q3
Pan K., Wang F., Wei S., Siyal	Low-temperature solution synthesis and characterization of enhanced titanium dioxide photocatalyst on tailored mesoporous γ -Al ₂ O ₃ support	24522139	Composites Communications	Elsevier Ltd	2020	Q2
Mazari S.A., Abro R., Bhutto A.	Thermal degradation kinetics of morpholine for carbon dioxide capture	22133437	Journal of Environmental Chemical Engineering	Elsevier Ltd	2020	Q1
Bhatti U.H., Shah A.K., Hussain	Catalytic activity of facilely synthesized mesoporous HZSM-5 catalysts for optimizing the CO ₂ desorption rate from CO ₂ -rich amine solutions	13858947	Chemical Engineering Journal	Elsevier B.V.	2020	Q1
Mehmood A., Mubarak N.M., Khan	Graphene based nanomaterials for strain sensor application - A review	22133437	Journal of Environmental Chemical Engineering	Elsevier Ltd	2020	Q1
Awan F.U.R., Keshavarz A., Akbar	Stable Dispersion of Coal Fines during Hydraulic Fracturing Flowback in Coal Seam Gas Reservoirs - An Experimental Study	8870624	Energy and Fuels	American Chemical Society	2020	
Hulio Z.H., Jiang W.	Does wind speed effects performance and cost of energy? A case study of wind farm	17506220	International Journal of Energy Sector Management	Emerald Group Publishing Ltd.	2020	
Mushtaq M., Alam M.S., Sharif	Secondary Metabolites from a Killer and Antagonistic Yeast Strain, Y20-Sporidiobolus ruineniae and Y16-Pichia anomala	93130	Chemistry of Natural Compounds	Springer	2020	Q4

Soomro A.F., Abbasi I.A., Ni Z.	Influence of temperature on enhancement of volatile fatty acids fermentation from organic fraction of municipal solid waste: Synergism between food and paper components	9608524	Bioresource Technology	Elsevier Ltd	2020	Q1
Mazari S.A., Ghalib L., Sattar A.	Review of modelling and simulation strategies for evaluating corrosive behavior of aqueous amine systems for CO ₂ capture	17505836	International Journal of Greenhouse Gas Control	Elsevier Ltd	2020	Q2
Kumar P., Shah A.K., Lee J.-H.	Selective Hydrogenolysis of Glycerol over Bifunctional Copper-Magnesium-Supported Catalysts for Propanediol Synthesis	8885885	Industrial and Engineering Chemistry Research	American Chemical Society	2020	Q1
Shah A.A., Toor S.S., Conti F.	Hydrothermal liquefaction of high ash containing sewage sludge at sub and supercritical conditions	9619534	Biomass and Bioenergy	Elsevier Ltd	2020	
Unar I.N., Maitlo G., Soomro S.	Impacts of slurry and dry forms of low-rank coal (lignite) on quality of syngas produced	1618954X	Clean Technologies and Environmental Policy	Springer	2020	Q2
Bughio M., Schuetze T., Mahar	Comparative analysis of indoor environmental quality of architectural campus buildings' lecture halls and its' perception by building users, in Karachi, Pakistan	20711050	Sustainability (Switzerland)	MDPI AG	2020	Q2
Korai R.M., Wachemo A.C., Yu	Effect of ultrasonic application during KOH pretreatment and anaerobic process on digestion performance of wheat straw	20462069	RSC Advances	Royal Society of Chemistry	2020	Q2
Ahmed S., Unar I.N., Khan H.A.	Experimental study and dynamic simulation of melanoidin adsorption from distillery effluent	9441344	Environmental Science and Pollution Research	Springer	2020	Q2
Memon K.R., Mahesar A.A., Ali	Influence of Cryogenic Liquid Nitrogen on Petro-Physical Characteristics of Mancos Shale: An Experimental Investigation	8870624	Energy and Fuels	American Chemical Society	2020	
Li Z., Wachemo A.C., Yuan H., Korai R.M., Li X.	Improving methane content and yield from rice straw by adding extra hydrogen into a two-stage anaerobic digestion system	3603199	International Journal of Hydrogen Energy	Elsevier Ltd	2020	Q2
Bhatti D.M.S., Ahmed S., Chan A.S., Saleem K.	Clustering formation in cognitive radio networks using machine learning	14348411	AEU - International Journal of Electronics and Communications	Elsevier GmbH	2020	Q2
Ali S., Jaffer S., Maitlo I., Shehzad F.K., Wang Q., Ali S., Akram M.Y., He Y., Nie J.	Photo cured 3D porous silica-carbon (SiO ₂ -C) membrane as anode material for high performance rechargeable Li-ion batteries	9258388	Journal of Alloys and Compounds	Elsevier Ltd	2020	Q2
Pasha Y.N.	Presence of culture in architectural education: A case study of metu school of architecture	2585316	Metu Journal of the Faculty of Architecture	Middle East Technical University	2020	
Unar I.N., Pathan A.G., Mahar R.B., Maitlo G., Uqaili M.A.	Kinetic modeling of gasification reactions of CO ₂ and H ₂ O for Thar lignite char at elevated pressures	3666352	Chemical Papers	Springer	2020	Q3

Shah A.A., Toor S.S., Seehar T.H., Nielsen R.S., Nielsen A.H., Pedersen T.H., Rosendahl L.A.	Bio-crude production through aqueous phase recycling of hydrothermal liquefaction of sewage sludge	19961073	Energies	MDPI AG	2020	Q3
Pasha Y.N., Adnan S., Ahmed N.	Positioning historical evidences in architectural education: review of methods and contents	1682601	Open House International	JAI Press	2020	Q4
Li Z., Wachemo A.C., Yuan H., Korai R.M., Li X.	High levels of ammonia nitrogen for biological biogas upgrading	3603199	International Journal of Hydrogen Energy	Elsevier Ltd	2020	Q2
Khan M.J., Muther T., Aziz H., Mubeen-ur-Rehman M.	Investigating the impact of injection-water salinity and well strategies on water mobility and oil production in an oil-wet reservoir	23636203	Modeling Earth Systems and Environment	Springer	2020	
Rizwan M., Mujtaba G., Memon S.A., Lee K.	Influence of salinity and nitrogen in dark on Dunaliella tertiolecta's lipid and carbohydrate productivity	17597269	Biofuels	Taylor and Francis Ltd.	2020	
Wang H., Memon H., Abro R., Shah A.	Sustainable approach for mélange yarn manufacturers by recycling dyed fibre waste	12303666	Fibres and Textiles in Eastern Europe	Institute of Biopolymers and Chemical Fibres	2020	
Bhutto Z., Ahmed S., Shehram Shah S.M., Iqbal A., Mehmood F., Thaheem I., Hussain A.	Efficient method for three loop MMSE-SIC based iterative MIMO systems	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2020	
Siyal A.R., Bhutto Z., Shah S.M.S., Iqbal A., Mehmood F., Hussain A., Ahmed S.	Still image-based human activity recognition with deep representations and residual learning	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2020	
Shaikh A.Z., Naqvi S., Ali M., Iqbal Y., Rahim A., Khadim S., Altaf T.	Opportunistic use of spectral holes in Karachi using convolutional neural networks	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2020	
Naqvi S., Ali M., Shaikh A.Z., Iqbal Y., Rahim A., Khadim S., Altaf T.	Exploiting white spaces for karachi through artificial intelligence: Comparison of NARX and cascade feed forward back propagation	2158107X	International Journal of Advanced Computer Science and Applications	Science and Information Organization	2020	
Younis S.A., Maitlo H.A., Lee J., Kim K.-H.	Nanotechnology-based sorption and membrane technologies for the treatment of petroleum-based pollutants in natural ecosystems and wastewater streams	18686	Advances in Colloid and Interface Science	Elsevier B.V.	2020	Q1
Panhwar M.A., Zhong Liang D., Memon K.A., Khuhro S.A., Abbasi M.A.K., Noor-ul-Ain, Ali Z.	Energy-efficient routing optimization algorithm in WBANs for patient monitoring	18685137	Journal of Ambient Intelligence and Humanized Computing	Springer Science and Business Media Deutschland GmbH	2020	Q1
Siyal S.H., Javed M.S., Jatoi A.H., Lan J.-L., Yu Y., Saleem M., Yang X.	In Situ Curing Technology for Dual Ceramic Composed by Organic-Inorganic Functional Polymer Gel Electrolyte for Dendritic-Free and Robust Lithium-Metal Batteries	21967350	Advanced Materials Interfaces	Wiley-VCH Verlag	2020	Q1

Khan F.S.A., Mubarak N.M., Tan Y.H., Karri R.R., Khalid M., Walvekar R., Abdullah E.C., Mazari S.A., Nizamuddin S.	Magnetic nanoparticles incorporation into different substrates for dyes and heavy metals removal—A Review	9441344	Environmental Science and Pollution Research	Springer	2020	Q2
Jadhav H., Jadhav A., Morabiya Y., Takkalkar P., Qureshi S.S., Baloch A.G., Nizamuddin S., Mazari S.A., Abro R., Mubarak N.M.	Combined Impact of Ultrasound Pre- treatment and Hydrodistillation on Bioactive Compounds and GC–MS Analysis of Cinnamomum cassia Bark Extract	18772641	Waste and Biomass Valorization	Springer	2020	Q2
Alaba P.A., Mazari S.A., Farouk H.U., Sanni S.E., Agboola O., Lee C.S., Abnisa F., Aroua M.K., Daud W.M.A.W.	Harvesting Electricity from CO2 Emission: Opportunities, Challenges and Future Prospects	22886206	International Journal of Precision Engineering and Manufacturing - Green Technology	Korean Society for Precision Engineering	2020	Q1
Seehar T.H., Toor S.S., Shah A.	Catalytic hydrothermal liquefaction of contaminated construction wood waste for biocrude production and investigation of fate of heavy metals	3783820	Fuel Processing Technology	Elsevier B.V.	2021	Q1
Sohoo I., Ritzkowski M., Heere	Biochemical methane potential assessment of municipal solid waste generated in Asian cities: A case study of Karachi, Pakistan	13640321	Renewable and Sustainable Energy Reviews	Elsevier Ltd	2021	Q4
Ali A., Jacob J., Mehboob K., H	Correlation of thermoelectric properties of Cu ₂ ZnSnS ₄ thin films grown by the chemical solution method with sulfur concentration	223697	Journal of Physics and Chemistry of Solids	Elsevier Ltd	2021	Q2