

Habib Nasir

Professor

School of Natural Sciences

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About

Dr. Habib Nasir is working as Professor in the School of Natural Sciences. Dr. Habib Nasir has a PhD in Chemistry. Dr. Habib Nasir has published 79 research articles & conference papers having a citation count of 1770, carried out 3 projects and filed 5 intellectual property.

Qualifications

PhD in Chemistry University of Karachi , Pakistan	1992 - 1995
MPhil in Chemistry University of Sussex , United Kingdom	1990 - 1992
MSc in Chemistry University of Karachi , Pakistan	1982 - 1984
BSc in Science University of Karachi , Pakistan	1979 - 1982
F.Sc in Science Board of Intermediate Education, Karachi , Pakistan	1977 - 1979
Matric (SSC) in Science Board of Secondary Education, Karachi , Pakistan	1975 - 1977

Experience

Professor School of Natural Sciences	2021- Present
Professor School of Natural Sciences	2021 - 2021
Professor School of Natural Sciences	2019 - 2021
Professor School of Natural Sciences	2015 - 2019
Professor School of Chemical & Materials Engineering	2014 - 2015
Professor School of Chemical & Materials Engineering	2014 - 2014
Professor Institute of Environmental Sciences & Engineering	2011 - 2014
Professor Institute of Environmental Sciences & Engineering	2010 - 2011
Professor Institute of Environmental Sciences & Engineering	2009 - 2010
Professor School of Chemical & Materials Engineering	2008 - 2009
Professor Institute of Environmental Sciences & Engineering	2008 - 2008
Professor Institute of Environmental Sciences & Engineering	2007 - 2008
Research Scientist National Inst. for Agro-Environmental Sciences , Chemical Ecology Unit, National Inst. for Agro-Environmental Sciences, 3-1-3 Kan-nondai, Tsukuba, I	2002 - 2007
Research Scientist National Institute of Advanced Industrial Science and Technology (AIST) , Nanoarchitectonics Research Center, National Institute of Advanced Industrial Science and Technolog	1999 - 2002
Postdoctoral Research Fellow National Institute of Sericultural and Entomological Science , Laboratory of Symbiosis and Transmission, National Institute of Sericultural and Entomological Scie	1996 - 1999
Postdoctoral Research Fellow Tokyo Institute of Technology , Department of Chemistry, Tokyo Institute of Technology, Tokyo 152, Japan	1995 - 1996

Awards

Best teacher award Best teacher award	2013
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Research Projects

National Projects

Synthesis, Characterization and in Vitro Reactivation potency of Series of series of substiuted Ketone and Aldoximes against Accetylcholinesterase (AChE)	2020
Funding Agency: NESCOM	
Amount: PKR 350,000.00	
Status: Approved_inprocess	
Synthesis, Characterization of Metal Oxides Nano-composite , Their catalytic studies agianst CWAs and application in gas mask filter	2018
Funding Agency: NESCOM	
Amount: PKR 400,000.00	
Status: Approved_inprocess	
Construction of Aligned Carbon Nano Coils/ Metals Nanoparticles Composite Electrodes for Bio Sensing System	2016
Funding Agency: PSF	
Amount: PKR 4,000,000.00	
Status: Completed	

International Projects

Research Articles

Surface engineering of Ti3C2Tx MXenes for high-performance adsorption of toxic Cr(VI) contaminant vis-a-vis pristine MXenes	2025
Saleem Shah Iqra Mubeen Erum Pervaiz Habib Nasir Shoaib Ahsan Ahmad Saeed Mushtaq Ahmad	
MATERIALS CHEMISTRY AND PHYSICS , Volume 334, Article Number 130442	
Impact Factor: 4.300 Quartile: 2 Citations: 1	
DOI: https://doi.org/10.1016/j.matchemphys.2025.130442	
Fabrication of 2D/0D ZnO/CuO Z-scheme heterojunctions for enhanced photocatalytic reduction of 2,4-dinitrophenol and 2,4,6-trinitrophenol under visible light	2025
Tehmina Akhtar Alexander J. Hill Syeda Aqsa Batool Bukhari Habib Nasir Sharif Ullah Johannes W. Schwank	
Solar Energy , Volume:289, Article Number 113330	
Impact Factor: 6.000 Quartile: 2	
DOI: https://doi.org/10.1016/j.solener.2025.113330	
Efficient photocatalytic degradation of profenofos by CuO-ZnO nanocomposite	2024
Sharif Ullah Syeda Aqsa Batool Bukhari Habib Nasir Tehmina Akhtar Sumera Mahboob Muhammad Zahid	
Journal of Photochemistry and Photobiology A: Chemistry, Volume: 455 , Article Number: 115787	
Impact Factor: 4.1 Quartile: 2 Citations: 6	
DOI: 10.1016/j.jphotochem.2024.115787	
Manganese tetraphenylporphyrin and carbon nanocoil interface-based electrochemical sensing of tyrosine	2024
Syeda Aqsa Batool Bukhari Abeera Aziz Habib Nasir Sharif Ullah Tehmina Akhtar Sadia Iram Effat Sitara Shehla Mushtaq Syed Abdul Moiz	
RSC Advances , Volume 14, Issue 33, Pages 24105-24114	
Impact Factor: 3.900 Quartile: 2 Citations: 2	
DOI: 10.1039/D4RA02048K	
Efficient removal of the organophosphate pesticide, profenofos using polymer-stabilized microporous Fe2O3-ZnO nanocomposite: Kinetic and thermodynamic analysis	2024
Sharif Ullah Habib Nasir Tehmina Akhtar Sumera Mahboob Syeda Aqsa Batool Bukhari Khalik Hussain Thebo	
Applied Surface Science , Volume:662, Article Number:160027	
Impact Factor: 6.7 Quartile: 1 Citations: 8	
DOI: 10.1016/j.apsusc.2024.160027	
Fabrication of Mn-TPP/RGO Tailored Glassy Carbon Electrode for Doxorubicin Sensing	2024
Rafia Zafar Syeda Aqsa Batool Bukhari Habib Nasir	
ACS Omega , Volume 9, Issue 24, Pages 25694-25703	
Impact Factor: 3.700 Quartile: 2 Citations: 5	
DOI: 10.1021/acsomega.3c09026	

Ultrafiltration polyanionic poly (3-sulfopropyl methacrylate) membranes with enhanced antifouling and water flux <i>Raja Muhammad Asif Khan Habib Nasir Azhar Mahmood Mudassir Iqbal Hussnain A. Janjua Nasir Mahmood Ahmad</i> <i>Polymers Advanced Technologies</i> , Volume 35, Issue 3, Article Number e6350 Impact Factor: 3.100 Quartile: 2 Citations: 1 DOI: https://doi.org/10.1002/pat.6350	2024
Facile and Efficient Synthesis of Carboxylic Terminated Ti3C2Tx Nanosheets Using Citric Acid <i>Saleem Shah Iqra Mubeen Erum Pervaiz Habib Nasir</i> <i>FlatChem</i> , Volume 41, Article Number: 100544 Impact Factor: 6.2 Quartile: 2 Citations: 13 DOI: 10.1016/j.flatc.2023.100544	2023
Fabrication of ruthenium doped Ag@TiO2 core-shell nanophotocatalyst for the efficient reduction of nitrophenols <i>Tehmina Akhtar Alexander J. Hill Adarsh Bhat Johannes W. Schwank Habib Nasir Syeda Aqsa Batool Bukhari Effat Sitara</i> <i>Applied Surface Science</i> , Volume:630, Article Number: 157491 Impact Factor: 7.392 Quartile: 1 Citations: 19 DOI: 10.1016/j.apsusc.2023.157491	2023
Enhanced removal of toxic Cr(vi) and Pb(ii) from water using carboxylic terminated Ti3C2Tx nanosheets <i>Saleem Shah Iqra Mubeen Erum Pervaiz Habib Nasir</i> <i>RSC Advances</i> , Volume 13, Pages 23320-23333 Impact Factor: 3.9 Quartile: 2 Citations: 8 DOI: https://doi.org/10.1039/D3RA03456A	2023
Fabrication of novel Ag nanoparticles decorated ZrO2/g-C3N4 ternary heterojunction interface for photocatalytic reduction of nitroaromatic compounds <i>Tehmina Akhtar Habib Nasir Effat Sitara Syeda Aqsa Batool Bukhari Johannes Schwank</i> <i>Surfaces and Interfaces</i> , Volume:39, Impact Factor: 6.2 Quartile: 1 Citations: 22 DOI: 10.1016/j.surfin.2023.102997	2023
Antifouling and Water Flux Enhancement in Polyethersulfone Ultrafiltration Membranes by Incorporating Water-Soluble Cationic Polymer of Poly [2-(Dimethyl amino) ethyl Methacrylate] <i>Raja Muhammad Asif Khan Nasir Mahmood Ahmad Habib Nasir Azhar Mahmood Mudassir Iqbal Hussnain Ahmed Janjua</i> <i>Polymers</i> , Volume 15(13), Article Number 2868 Impact Factor: 5.0 Quartile: 1 Citations: 11 DOI: https://doi.org/10.3390/polym15132868	2023
Tailoring of ZnSe/GCN/MoS2 ternary heterojunction with enhanced photoelectrochemical activity for water oxidation <i>Effat Sitara Habib Nasir Sadia Iram Syeda Aqsa Batool Bukhari Tehmina Akhtar Sameena Mumtaz</i> <i>Surfaces and Interfaces</i> , Volume:37, Article ID:102632 Impact Factor: 6.137 Quartile: 1 Citations: 6 DOI: 10.1016/j.surfin.2023.102632	2023
Probing the behavior and kinetic studies of amphiphilic acrylate copolymers with bovine serum albumin <i>Shehla Mushtaq Muhammad Asad Abbas Habib Nasir Azhar Mahmood Mudassir Iqbal Hussnain Ahmed Janjua Nasir Mahmood Ahmad</i> <i>Scientific Reports</i> , Volume: 13, Issue: 1, Article number: 4572 Impact Factor: 4.997 Quartile: 2 Citations: 6 DOI: 10.1038/s41598-023-27515-5	2023
Efficient electrochemical detection of dopamine with carbon nanocoils and copper tetra(p-methoxyphenyl)porphyrin nanocomposite <i>Tehmina Akhtar Habib Nasir Effat Sitara Syeda Aqsa Batool Bukhari Muhammed Ramazan Oduncu Sadia Iram Lujun Pan</i> <i>Arabian Journal of Chemistry</i> , Volume 15, Issue 12, Article Number 104375 Impact Factor: 6.212 Quartile: 2 Citations: 7 DOI: https://doi.org/10.1016/j.arabjc.2022.104375	2022
Development of Ag0.04ZrO2/rGO heterojunction, as an efficient visible light photocatalyst for degradation of methyl orange <i>Rana Muhammad Arslan Iqbal Effat Sitara Habib Nasir Aliya Fazal Uzaira Rafique Sharif Ullah Adeel Mehmood</i>	2022

Impact Factor: 4.996 | **Quartile:** 2 | **Citations:** 22

DOI: 10.1038/s41598-022-16673-7

Layer-By-Layer Self-Assembled Dip Coating for Antifouling Functionalized Finishing of Cotton Textile

2022

Sana Javaid Azhar Mahmood Habib Nasir Mudassir Iqbal Naveed Ahmed Nasir Mahmood Ahmad

Polymers , Volume 14, Issue 13, Article Number 2540

Impact Factor: 4.967 | **Quartile:** 1 | **Citations:** 16

DOI: doi.org/10.3390/POLYM14132540

Efficient Photocatalytic Degradation of Nitrobenzene by Copper-Doped TiO₂: Kinetic Study, Degradation Pathway, and Mechanism.

2022

Tehmina Akhtar Effat Sitara Syeda Aqsa Batool Bukhari Habib Nasir Sharif Ullah Rana Muhammad Arslan Iqbal

Environmental Science and Pollution Research , Pages 1-12

Impact Factor: 5.8 | **Quartile:** 1 | **Citations:** 14

DOI: 10.1007/s11356-022-19422-5

Amphiphilic copolymers of dimethyl aminoethyl methacrylate and methyl methacrylate with controlled hydrophilicity for antialgal activity

2022

Shehla Mushtaq Muhammad Asad Abbas Habib Nasir Azhar Mahmood Mudassir Iqbal Hussnain Ahmed Janjua Qamar Malik Nasir Mahmood Ahmad

Journal of Applied Polymer Science , Volume 139, Issue 5, Article Number 51578

Impact Factor: 3.0 | **Quartile:** 2 | **Citations:** 4

DOI: https://doi.org/10.1002/app.51578

Electrochemical sensing of limonene using thiol capped gold nanoparticles and its detection in the real breath sample of a cirrhotic patient

2022

Noor ul Ain Nazir Habib Nasir Irshad Hussain Shah Rukh Abbas

Journal of Electroanalytical Chemistry , Volume 905, Article Number 115977

Impact Factor: 4.464 | **Quartile:** 1 | **Citations:** 25

DOI: 10.1016/j.jelechem.2021.115977

Antialgal Synergistic Polystyrene Blended with Polyethylene Glycol and Silver Sulfadiazine for Healthcare Applications

2021

M. Raheel Anjum Shehla Mushtaq M. Asad Abbas Azhar Mahmood Habib Nasir Hussnain Ahmed Janjua Qamar Malik Nasir Mahmood Ahmad

Advances in Polymer Technology , Volume 2021, Article ID 6627736, 9 pages

Impact Factor: 2.389 | **Quartile:** 3 | **Citations:** 1

DOI: https://doi.org/10.1155/2021/6627736

Enhanced photoelectrochemical water splitting using zinc selenide/graphitic carbon nitride type-II heterojunction interface

2021

Effat Sitara Habib Nasir Asad Mumtaz Muhammad Fahad Ehsan Manzar Sohail Sadia Iram Syeda Aqsa Batool Bukhari Sharif Ullah Tehmina Akhtar Azhar Iqbal

International Journal of Hydrogen Energy , Volume 46, Issue 50, Pages 25424-25435

Impact Factor: 5.816 | **Quartile:** 2 | **Citations:** 44

DOI: https://doi.org/10.1016/j.ijhydene.2021.05.054

Cefotaxime Loaded Polycaprolactone Based Polymeric Nanoparticles with Antifouling Properties for In-Vitro Drug Release Applications

2021

Sana Javaid Nasir Mahmood Ahmad Azhar Mahmood Habib Nasir Mudassir Iqbal Naveed Ahmad Sundus Irshad

Polymers , Volume 13(13), Article Number 2180

Impact Factor: 4.329 | **Quartile:** 1 | **Citations:** 29

DOI: https://doi.org/10.3390/polym13132180

Electrocatalytic Performance of NiNH₂BDC MOF Based Composites with rGO For Methanol Oxidation Reaction

2021

Lubna Yaqoob Tayyaba Noor Naseem Iqbal Habib Nasir Asad Mumtaz

Scientific Reports , Volume 11, Article Number 13402

Impact Factor: 4.379 | **Quartile:** 1 | **Citations:** 37

DOI: https://doi.org/10.1038/s41598-021-92660-8

Supramolecular assemblies of carbon nanocoils and tetraphenylporphyrin derivatives for sensing of catechol and hydroquinone in aqueous solution

2021

Syeda Aqsa Batool Bukhari Lujun Pan Mehroz Tasawar Muhammad Shahbaz Fareeha Gul Effat Sitara Syeda Aqsa Batool Bukhari Habib Nasir Lujun Pan

Mehroz Tasawar Manzar Sohail Muhammad Shahbaz Fareeha Gul Effat Sitara

Scientific Reports , Volume 11, Article Number 5044

Impact Factor: 4.997 Quartile: 2 Citations: 25 DOI: https://doi.org/10.1038/s41598-021-84294-7	
Electrochemical synergies of Fe-Ni bimetallic MOF CNTs catalyst for OER in water splitting <i>Naseem Iqbal Tayyaba Noor Lubna Yaqoob Habib Nasir Neelam Zaman Khalid Talha</i> <i>Journal of Alloys and Compounds</i> , Volume 850, Article Number 156583 Impact Factor: 6.371 Quartile: 1 Citations: 198 DOI: https://doi.org/10.1016/j.jallcom.2020.156583	2021
Synthesis, characterization and catalytic testing of MCM-22 derived catalysts for n-hexane cracking <i>Ali Ahmad Salman Raza Naqvi Muhammad Rafique Habib Nasir Ali Sarosh</i> <i>Scientific Reports</i> , Volume 10, Article Number 21786 Impact Factor: 4.379 Quartile: 1 Citations: 12 DOI: https://doi.org/10.1038/s41598-020-78746-9	2020
Efficient Photoelectrochemical Water Splitting by Tailoring Mos2/Cote Heterojunction in a Photoelectrochemical Cell <i>Effat Sitara Habib Nasir Asad Mumtaz Muhammad Fahad Ehsan Manzar Sohail Sadia Iram Syeda Aqsa Batool Bukhari</i> <i>Nanomaterials</i> , Volume 10(12), Article Number 2341 Impact Factor: 5.076 Quartile: 2 Citations: 29 DOI: doi:10.3390/nano10122341	2020
Synthesis, Characterization and Photocatalytic Activity of Mos2/Znse Heterostructures for the Degradation of Levofloxacin <i>Effat Sitara Muhammad Fahad Ehsan Habib Nasir Sadia Iram Syeda Aqsa Batool Bukhari</i> <i>Catalysts</i> , Volume 10(12), Article Number 1380 Impact Factor: 4.146 Quartile: 2 Citations: 24 DOI: 10.3390/catal10121380	2020
Transpicious-Cum-Fouling Resistant Copolymers of 3-Sulfopropyl Methacrylate and Methyl Methacrylate for Optronics Applications in Aquatic Medium and Healthcare <i>Shehla Mushtaq Nasir M. Ahmad Azhar Mahmood Shehla Mushtaq Habib Nasir Hussnain A. Janjua</i> <i>Advances in Polymer Technology</i> , Volume 2020, Article ID 5392074, 11 pages Impact Factor: 2.389 Quartile: 3 Citations: 14 DOI: https://doi.org/10.1155/2020/5392074	2020
Nanocomposites of cobalt benzene Tricarboxylic acid MOF with rGO: An efficient and robust electrocatalyst for oxygen evaluation reaction (OER) <i>Tayyaba Noor Naseem Iqbal Lubna Yaqoob Habib Nasir Manzar Sohail Neelam Zaman Muhammad Usman</i> <i>Renewable Energy</i> , Volume 156, Pages 1040-1054 Impact Factor: 8.001 Quartile: 1 Citations: 136 DOI: https://doi.org/10.1016/j.renene.2020.04.131	2020
Development of an Efficient Non-Noble Metal Based Anode Electrocatalyst to Promote Methanol Oxidation Activity in DMFC <i>Naseem Iqbal Tayyaba Noor Lubna Yaqoob Habib Nasir Neelam Zaman Lubna Rasheed Muhammad Yousuf</i> <i>Chemistryselect</i> , Volume 5, Issue 20, Pages 6023–6034 Impact Factor: 2.109 Quartile: 3 Citations: 26 DOI: doi.org/10.1002/slct.202000705	2020
Study of Zirconium and Ammonium Perchlorate Based Igniter for Composite Solid Base Bleed Propellant <i>Amir Mukhtar Habib Nasir Badar Rashid</i> <i>International Journal of Chemical Engineering and Applications</i> , Volume 11, Number 1, Pages 29-33 Impact Factor: - DOI: 10.18178/ijcea.2020.11.1.775	2020
Development of Nickel-BTC-MOF-Derived Nanocomposites with rGO Towards Electrocatalytic Oxidation of Methanol and Its Product Analysis <i>Tayyaba Noor Naseem Iqbal Lubna Yaqoob Habib Nasir Neelam Zaman</i> <i>Catalysts</i> , Volume 9, Issue 10, Article Number 856 Impact Factor: 3.520 Quartile: 2 Citations: 91 DOI: https://doi.org/10.3390/catal9100856	2019

A Highly Efficient and Stable Copper BTC Metal Organic Framework Derived Electrocatalyst for Oxidation of Methanol in DMFC Application <i>Muhammad Ammad Naseem Iqbal Tayyaba Noor Neelam Zaman Lubna Yaqoob Habib Nasir</i> <i>Catalysis Letter</i> , Volume 149, Pages 3312-3327 Impact Factor: 2.482 Quartile: 2 Citations: 75 DOI: https://doi.org/10.1007/s10562-019-02904-6	2019
Electro catalytic study of NiO-MOF/rGO composites for methanol oxidation reaction <i>Tayyaba Noor Neelam Zaman Habib Nasir Naseem Iqbal Zakir Hussain</i> <i>Electrochimica Acta</i> , Volume 307, Pages 1-12 Impact Factor: 6.215 Quartile: 1 Citations: 137 DOI: 10.1016/j.electacta.2019.03.116	2019
Incidence of chlorination by-products in an institutional drinking water distribution network, Islamabad, Pakistan, using response surface methodology <i>Romana Khan Imran Hashmi Habib Nasir Sajida Rasheed Luiza C. Campos</i> <i>Journal of Water, Sanitation and Hygiene for Development</i> , NULL Impact Factor: 0.977 Quartile: 4 Citations: 4 DOI: 10.2166/washdev.2018.047	2018
Synthesis of Cyanate Ester Based Thermoset Resin by Using Copper (II) Oxalate as Catalyst and Its Application in Carbon Fiber Composites <i>Syed Sajid Ali Shah Habib Nasir Noaman-Ul-Haq</i> <i>Nano Hybrids and Composites</i> , Nano Hybrids and Composites, 22, 1-9 Impact Factor: 0 DOI: 10.4028/www.scientific.net/NHC.22.1	2018
Synthesis and Characterizations of Epoxy/Graphene Oxide/Carbon Fiber Nanocomposites <i>Syed Sajid Ali Shah Haris Mustafa Habib Nasir Arshad Hussain</i> <i>Journal of the Chemical Society of Pakistan</i> , Volume 40, Issue 3, Pages 511-518 Impact Factor: 0.393 Quartile: 4 DOI: https://www.jcsp.org.pk/PublishedVersion/7ac6572a-8411-4296-966e-063829b95ab7Manuscript%20no%2012%20Final%20Gally%20Proof%20of%2011431%20(Habib%20Nasir).pdf	2018
Helical Gold Nanotube Film as Stretchable Micro/Nanoscale Strain Sensor <i>Deng, Chenghao Pan, Lujun Li, Chengwei Fu, Xin Cui, Ruixue Habib Nasir</i> <i>Journal of Materials Science</i> , Volume: 53, Issue: 3, Pages: 2181-2192 Impact Factor: 3.442 Quartile: 2 Citations: 12 DOI: 10.1007/s10853-017-1660-y	2018
Novel Co-MOF/Graphene Oxide Electrocatalyst for Methanol Oxidation <i>Rimsha Mehek Naseem Iqbal Tayyaba Noor Habib Nasir Yasir Mehmood Safeer Ahmed</i> <i>Electrochimica Acta</i> , Volume 255, Pages 195-204 Impact Factor: 5.116 Quartile: 1 Citations: 165 DOI: 10.1016/j.electacta.2017.09.164	2017
A super stretchable and sensitive strain sensor based on a carbon nanocoil network fabricated by a simple peeling-off approach <i>Deng, C. Pan, L. Zhang, D. Li, C. Habib Nasir</i> <i>Nanoscale</i> , Volume: 9, Issue: 42, Pages: 16404-16411 Impact Factor: 7.233 Quartile: 1 Citations: 53 DOI: 10.1039/c7nr05486f	2017
Zinc Oxide Nanostructures of Controlled Morphology Prepared from Single Source Precursors by Wet Chemical Route <i>Hameed Ullah Javid Khan Habib Nasir Asad Muhammad Khan Mohsan Nawaz Masroor Ahmad Bangesh Muhammad Irfan</i> <i>Journal of the Chemical Society of Pakistan</i> , Volume 39, Issue 5, Pages 771-779 Impact Factor: 0.28 Quartile: 4 DOI: http://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=02535106	2017
A flexible, ultra-sensitive strain sensor based on carbon nanocoil network fabricated by an electrophoretic method <i>Chengwei Li Lujun Pan Chenghao Deng Peng Wang Yingying Huang Habib Nasir</i> <i>Nanoscale</i> , Volume 9, Issue 28, Pages 9872-9878 Impact Factor: 7.233 Quartile: 1 Citations: 50	2017

DOI: 10.1039/c7nr01945a	
Electromagnetic Microwave Absorption Properties of Carbon Nanocoils/Tissue <i>Cui, Ruixue Pan, Lujun Zhang, Dongmei Habib Nasir</i> <i>Diamond and Related Materials</i> , Volume: 77, Pages: 53-56 Impact Factor: 2.232 Quartile: 2 Citations: 18 DOI: 10.1016/j.diamond.2017.05.014	2017
Effect of trihalomethanes (chloroform and bromoform) on human haematological count <i>Asna Lodhi Imran Hashmi Habib Nasir Romana Khan</i> <i>Journal of Water and Health</i> , Volume 15, Issue 3, Pages 367-373 Impact Factor: 1.352 Quartile: 3 Citations: 12 DOI: 10.2166/wh.2017.207	2017
Liquid-Phase Exfoliation of Few-Layer Graphene and Effect of Sonication Time on Concentration of Produced Few Layer Graphene <i>Syed Sajid Ali Shah Habib Nasir</i> <i>Nano Hybrids and Composites</i> , Volume: 14 Pages: 17-24 Impact Factor: 0 DOI: 10.4028/www.scientific.net/NHC.14.17	2017
Polyionic hybrid nano-engineered systems comprising alginate and chitosan for antihypertensive therapeutics <i>Taskeen Niaz Habib Nasir Saima Shabbir Asma Rehman Muhammad Imran</i> <i>International Journal of Biological Macromolecules</i> , Volume 91, Pages 180-187 Impact Factor: 3.671 Quartile: 1 Citations: 29 DOI: 10.1016/j.ijbiomac.2016.05.055	2016
Exfoliation of Graphene and Its Application as Filler in Reinforced Polymer Nanocomposites <i>Syed Sajid Ali Shah Habib Nasir</i> <i>Nano Hybrids and Composites</i> , Volume 11, Pages 7-21 Impact Factor: 0 DOI: 10.4028/www.scientific.net/NHC.11.7	2016
Microbial population dynamics and profiling of quorum sensing agents in membrane bioreactor <i>Hira Waheed Imran Hashmi Sher Jamal Khan Sang Ryoung Kim Muhammad Arshad Habib Nasir</i> <i>International Biodeterioration & Biodegradation</i> , Volume 113, Pages 66-73 Impact Factor: 2.962 Quartile: 2 Citations: 31 DOI: 10.1016/j.ibiod.2015.12.014	2016
Effect of metal ions and petrochemicals on bioremediation of chlorpyrifos in aerobic sequencing batch bioreactor (ASBR) <i>Saira Khalid Imran Hashmi Sher Jamal Khan Ishtiaq Ahmad Qazi Habib Nasir</i> <i>Environmental Science and Pollution Research</i> , Volume 23, Pages 20646–20660 Impact Factor: 2.741 Quartile: 2 Citations: 10 DOI: 10.1007/s11356-016-7153-8	2016
Antihypertensive nano-ceuticals based on chitosan biopolymer: Physico-chemical evaluation and release kinetics <i>Taskeen Niaz Saima Shabbir Shahid Manzoor Asma Rehman Abdur Rahman Habib Nasir Muhammad Imran</i> <i>Carbohydrate Polymers</i> , Volume 142, Pages 268-274 Impact Factor: 4.811 Quartile: 1 Citations: 53 DOI: 10.1016/j.carbpol.2016.01.047	2016
Synthesis of Ion Imprinted Polymers by Copolymerization of Zn(II) and Al(III)8-hydroxy Quinolone Complexes with Divinylbenzene and Methacrylic Acid <i>Behisht Ara Mian Muhammad Hira Amin Noori Robina Begum Salma Jabeen Sana Gul Tanveer ul Haq Zia Habib Nasir</i> <i>Polymer-Plastics Technology and Engineering</i> , Volume 55, Issue 14, Pages 1460-1473 Impact Factor: 1.232 Quartile: 3 Citations: 5 DOI: 10.1080/03602559.2015.1132462	2016
Development of Cefotaxime Impregnated Chitosan as Nano-antibiotics: De Novo Strategy to Combat Biofilm Forming Multi-drug Resistant Pathogens <i>Bushra Jamil Huma Habib Shahid A. Abbasi Ayesha Ihsan Habib Nasir Muhammad Imran</i> <i>Frontiers in Microbiology</i> , Volume 7, Article Number 330	2016

- Impact Factor:** 4.076 | **Quartile:** 1 | **Citations:** 65
DOI: 10.3389/fmicb.2016.00330
- Cefazolin loaded chitosan nanoparticles to cure multi drug resistant Gram-negative pathogens** 2016
Bushra Jamil Huma Habib Shahid Abbasi Habib Nasir Abdur Rahman Asma Rehman Habib Bokhari Muhammad Imran Carbohydrate Polymers , Volume 136, Pages 682-691
Impact Factor: 4.811 | **Quartile:** 1 | **Citations:** 74
DOI: 10.1016/j.carbpol.2015.09.078
- Monitoring of chlorination disinfection by-products and their associated health risks in drinking water of Pakistan** 2015
Sidra Abbas Imran Hashmi Muhammad Saif Ur Rehman Ishtiaq Ahmed Qazi Mohammad A. Awan Habib Nasir Journal of Water and Health , Volume 13, Issue 1, Pages 270-284
Impact Factor: 1.025 | **Quartile:** 4 | **Citations:** 31
DOI: 10.2166/wh.2014.096
- Synthesis of composites by doping of CNTs with nano Fe particles and its ignition through photo flashing** 2015
S. SHAH H. NASIR A. MATEEN F. AZIZ CHISHTI F. KHATTAK I. YOUSAF S. ULLAH A. QADEER MALIK Journal of Optoelectronics and Advanced Materials , Volume 17, Issue 1-2, Pages 127-132
Impact Factor: 0.383 | **Quartile:** 4
DOI:
[https://www.researchgate.net/publication/282680823_Synthesis_of_composites_by_doping_of_CNTs_with_nano_Fe_particles_and_its_ignition_through_ph](https://www.researchgate.net/publication/282680823_Synthesis_of_composites_by_doping_of_CNTs_with_nano_Fe_particles_and_its_ignition_through_photo_flashing)
oto_flashing
- Novel Method for Preparation of Pure and Iron-Doped Titania Nanotube Coated Wood Surfaces to Disinfect Airborne Bacterial Species Pseudomonas aeruginosa and Staphylococcus aureus** 2014
Waqas Latif Ishtiaq Ahmed Qazi Imran Hashmi Muhmmad Arshad Habib Nasir Amir Habib Environmental Engineering Science , Volume 31, Issue 12, Pages 681-688
Impact Factor: 0.991 | **Quartile:** 3 | **Citations:** 5
DOI: 10.1089/ees.2014.0231
- Process Design Analyses of CO2 Capture from Natural Gas by Polymer Membrane** 2014
Arshad Hussain Habib Nasir Muhammad Ahsan Journal of the Chemical Society of Pakistan , Volume 36, Issue 3, Pages 411-421
Impact Factor: 0.345 | **Quartile:** 4
- Distribution, toxicity level, and concentration of polycyclic aromatic hydrocarbons (PAHs) in surface soil and groundwater of Rawalpindi, Pakistan** 2012
Beenish Saba Imran Hashmi Muhammad Ali Awan Habib Nasir Sher Jamal Khan Desalination and Water Treatment, ISSN: 1944-3994, , Volume 49 Issue 1-3 Pages 240-247
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Status: Filed

CoTe/MoS2 Composites for Efficient Photoelectrochemical Water Splitting

2020

Status: Filed

Industrial Designs

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