

Imran Hashmi

Professor

Institute of Environmental Sciences & Engineering

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About

Dr. Imran Hashmi is working as Professor in the Institute of Environmental Sciences & Engineering. Dr. Imran Hashmi has a PhD in Environmental Sciences. Dr. Imran Hashmi has published 156 research articles & conference papers having a citation count of 1661, carried out 4 projects and filed 0 intellectual property.

Qualifications

PhD in Environmental Sciences University of Karachi , Pakistan	1994 - 2001
MSc in Biochemistry University of Karachi , Pakistan	1994 - 1995
B.Sc (Hon) in Biochemistry University of Karachi , Pakistan	1990 - 1994

Experience

Professor Institute of Environmental Sciences & Engineering	2021- Present
Professor Institute of Environmental Sciences & Engineering	2015 - 2021
Professor Institute of Environmental Sciences & Engineering	2013 - 2015
Associate Professor Institute of Environmental Sciences & Engineering	2012 - 2013
Assistant Professor Institute of Environmental Sciences & Engineering	2004 - 2012
World Wide Fund for Nature, Pakistan (WWF-P) World Wide Fund for Nature, Pakistan (WWF-P) , WWF-P, Islamabad	2002 - 2004
Cooperative Teacher University of Karachi, Pakistan , University of Karachi, Pakistan	2001 - 2001
Research Fellow University of Karachi, Pakistan , University of Karachi, Pakistan	1994 - 2001

Awards

Research Fellowship Research Fellowship Institute of Environmental Studies, University of Karachi (1994-2000)
Postdoctoral Fellowship Postdoctoral Fellowship, Chonbuk National University, South Korea (2001-2002)
Short term Exchange Program Short term Exchange Program (STEP) by Higher Education Commission (HEC) (2005)
Postdoctoral Fellowship Postdoctoral Fellowship, Michigan State University, USA (2006-2007)

Research Projects

National Projects

Kinetics of drinking water disinfection byproduct (chlorine) at Lab Scale and within the distribution network Funding Agency: NUST Amount: PKR 0.29 Status: Completed	2012
Mycelium-Based Bioplastic: An Alternative to Polystyrene Funding Agency: Pakistan Engineering Council Amount: PKR 200,000.00 Status: Completed	2023
Prevalence of antibacterial resistance (ABR) in Environmental Samples Funding Agency: HEC Amount: PKR 19,727,000.00 Status: Completed	2022
Quantifying the transmission routes of gastroenteritis in Pakistan and developing targeted interventions Funding Agency: Grand Challenge Research Fund, UK Amount: PKR 110,950,000.00 Status: Approved_inprocess	2020

International Projects

Research Articles

Monitoring of bacterial and potentially toxic elements contamination in the Rawal Lake tributaries and filtration plant <i>Ghazi Akbar Joanna Kimberley Summers Imran Hashmi Christopher Quince Elizabeth Wellington Ahmed Waleed Ebadat ur Rehman Namra Tariq Zaib Un Nisa Anam Fatima Huma Zaheer Sahaab Farooq Izzah Ilyas Sana Ali Aneela Javed Environmental Monitoring and Assessment</i> , Volume:197, Article Number:632, Page:16 Impact Factor: 3.0 Quartile: 3 DOI: 10.1007/s10661-025-14069-4	2025
Investigating the influence of tank material and residual chlorine on the proliferation of bacterial biofilm growth in the drinking water storage systems <i>Aiza Javed Hira Amjad Imran Hashmi Waheed Miran Journal of Water Sanitation and Hygiene for Development</i> , Volume:15, Issue:4, Pages 305-321 Impact Factor: 1.4 Quartile: 4 Citations: 1 DOI: https://doi.org/10.2166/washdev.2025.285	2025
Treatment Efficiency of Integrated Constructed Wetland for Domestic Wastewater <i>Faria Javed Sumbal Fazakat Imran Hashmi Hamza Farooq Gabriel NUST Journal of Engineering Sciences</i> , Volume 17, No. 1, Pages 39-48 Impact Factor: N/A DOI: https://doi.org/10.24949/njes.v17i1.741	2024
An integrated assessment of fecal sludge management (FSM) in Islamabad, Pakistan: challenges and treatment solutions <i>Nida Maqbool Sher Jamal Khan Imran Hashmi International Journal of Environmental Science and Technology</i> , Pages 1-14 Impact Factor: 3.000 Quartile: 2 DOI: https://doi.org/10.1007/s13762-024-05752-z	2024
Monitoring of university wastewater within the sewage system and its performance evaluation through integrated constructed wetlands <i>Talyaa Najam Imran Hashmi Environmental Monitoring and Assessment</i> , Volume:196, Issue:4, Article Number 403 Impact Factor: 2.9 Quartile: 3 DOI: 10.1007/s10661-024-12575-5	2024
Sulfamethoxazole (SMX) Alters Immune and Apoptotic Endpoints in Developing Zebrafish (Danio rerio)	2023

<i>Nazish Iftikhar Imran Hashmi Isaac Konig Cole English Emma Ivantsova Christopher L. Souders II Christopher J. Martyniuk</i> <i>Toxics</i> , Volume 11, Issue 2, Article Number 178 Impact Factor: 4.472 Quartile: 2 Citations: 24 DOI: https://doi.org/10.3390/toxics11020178	
Drinking water quality monitoring of centralized water storage reservoirs in various zones of the National University in semi-arid region of Pakistan <i>Aiza Javed Hira Amjad Imran Hashmi</i> <i>NUST Journal of Engineering Science (NJES)</i> , Volume 15, No. 2, Pages 44-52 Impact Factor: 0 DOI: https://doi.org/10.24949/njes.v15i2.721	2022
Photodegradation and toxicity assessment of lambda cyhalothrin demonstrated by histopathological and biochemical indices in grass carp <i>Mehwish Niaz Mehwish Khalid Nazish Iftikhar Imran Hashmi</i> <i>Journal of Environmental Treatment Techniques</i> , Volume 10, Issue 4, Pages 295-302 Impact Factor: N/A DOI: https://doi.org/10.47277/JETT/10(4)302	2022
Comprehensive analysis of spatial distribution of microplastics in Rawal Lake, Pakistan using trawl net and sieve sampling methods <i>Rabia Nausheen Imran Hashmi Daniel Rittschof Angela Capper</i> <i>Chemosphere</i> , Volume 308, Part 1, Article Number 136111 Impact Factor: 8.943 Quartile: 1 Citations: 24 DOI: https://doi.org/10.1016/j.chemosphere.2022.136111	2022
Bioremediation of Synthetic Pyrethroid by Hydrolases of Bacillus aryabhatai and Bacillus circulans Derived from Indigenous Soil <i>Huma Farooq Mehwish Khalid Imran Hashmi</i> <i>Journal of Environmental Treatment Techniques</i> , Volume 10(3), Pages 187-194 Impact Factor: N/A DOI: https://doi.org/10.47277/JETT/10(3)194	2022
Central composite rotatable design for optimization of trihalomethane extraction and detection through gas chromatography: a case study <i>Sajida Rasheed Imran Hashmi Q. Zhou J. K. Kim L. C. Campos</i> <i>International Journal of Environmental Science and Technology</i> , Pages 1-14 Impact Factor: 3.519 Quartile: 3 Citations: 13 DOI: https://doi.org/10.1007/s13762-022-04070-6	2022
Detection in influx sources and estimation of microplastics abundance in surface waters of Rawal Lake, Pakistan <i>Atif Bashir Imran Hashmi</i> <i>Heliyon</i> , Volume 8, Issue 3, Article Number e09166 Impact Factor: 3.776 Quartile: 2 Citations: 28 DOI: https://doi.org/10.1016/j.heliyon.2022.e09166	2022
Multi-biomarkers approach to determine the toxicological impacts of sulfamethoxazole antibiotic on freshwater fish Cyprinus carpio <i>Nazish Iftikhar Rabeea Zafar Imran Hashmi</i> <i>Ecotoxicology and Environmental Safety</i> , Volume 233, Article Number 113331 Impact Factor: 7.129 Quartile: 1 Citations: 34 DOI: https://doi.org/10.1016/j.ecoenv.2022.113331	2022
Chemical and Biological Food Safety Threats Associated with Fresh Juices Consumed in Capital Territory Islamabad, Pakistan <i>Dr. Imran Hashmi Shaista Zahoor Shazia Iqbal Ali Akbar Hamid Ullah Hamida Panezai Anwar Khan Sadia Majid</i> <i>Progress in Nutrition</i> , Volume 23(4), Article Number e2021144 Impact Factor: N/A Citations: 2 DOI: https://doi.org/10.23751/pn.v23i4.9012	2022
Performance efficiency of a large-scale integrated constructed wetland <i>Kanza naseer Imran Hashmi Muhammad Arshad Hamza Farooq Gabriel</i> <i>Journal of Environmental Treatment Techniques</i> , Volume 9(3), Pages 629-635 Impact Factor: -	2021

DOI: https://doi.org/10.47277/JETT/9(3)635	
Water quality assessment of Raw and Chlorinated drinking water of a Residential University <i>Huda Kamal Dr. Imran Hashmi</i> <i>NUST Journal of Engineering Sciences</i>, Volume 14, No. 1, Pages 12-19 Impact Factor: N/A DOI: https://doi.org/10.24949/njes.v14i1.633	2021
Physico-chemical and Bacteriological analysis of Tap water of a Residential University of Pakistan <i>Huda Kamal Imran Hashmi</i> <i>International Research Journal of Environmental Sciences</i>, Volume 10(3), Article Number 15-29 Impact Factor: N/A DOI: -	2021
Vermiremediation – Remediation of Soil Contaminated with Oil Using Earthworm (Eisenia fetida) <i>Fria Javed Imran Hashmi</i> <i>Soil and Sediment Contamination: An International Journal</i>, Volume 30, Issue 6, Pages 639-662 Impact Factor: 2.061 Quartile: 3 Citations: 17 DOI: https://doi.org/10.1080/15320383.2021.1885343	2021
Assessment of immunohematological, hematological and biochemical responses in cultivable fish Cyprinus carpio exposed to an antibiotic sulfamethoxazole (SMX) <i>Nazish Iftikhar Imran Hashmi</i> <i>Journal of Water and Health</i>, Volume 19 (1), Pages 108–119 Impact Factor: 1.744 Quartile: 4 Citations: 26 DOI: https://doi.org/10.2166/wh.2020.183	2021
Quorum quenching specific genes screening among indigenous bacteria from full-scale membrane bioreactor and its application for biofouling control in a laboratory-scale <i>Sher Jamal Khan Shabila Perveen Talha Bin Umeed Imran Hashmi</i> <i>Desalination and Water Treatment</i>, Volume 211, Pages 399–410 Impact Factor: 1.273 Quartile: 4 DOI: -	2021
Inactivation Dynamics of Gram-negative and Gram-positive Microbes in Drinking Water: a Comparative Study of Chlorine and Monochloramine Disinfection <i>Amrah Qureshi Imran Hashmi Romana Khan Sajida Rasheed</i> <i>Journal of Water Chemistry and Technology</i>, Volume 42, Pages 381-389 Impact Factor: 0.669 Quartile: 4 DOI: 10.3103/S1063455X20050112	2020
Biocidal potential of electrochemically activated solutions (ECAS) against Aeromonas sp. Enterobacter sp. and Escherichia coli in tap water <i>Sabtain Ali Sher Jamal Khan Richard Allan Imran Hashmi</i> <i>Journal of Water Process Engineering</i>, Volume 36, Article Number 101328 Impact Factor: 5.485 Quartile: 1 Citations: 2 DOI: 10.1016/j.jwpe.2020.101328	2020
Comparison of chlorination and chloramination practices on microbial inactivation efficiencies within a scaled-up water distribution network using central composite design <i>Romana Khan Imran Hashmi Amrah Qureshi Sajida Rasheed</i> <i>Water and Environment Journal</i>, Pages 1-16 Impact Factor: 2.070 Quartile: 2 Citations: 3 DOI: https://doi.org/10.1111/wej.12625	2020
The selective pressure of quorum quenching on microbial communities in membrane bioreactors <i>Hira Waheed Imran Hashmi Yeyuan Xiao Yan Zhou</i> <i>Chemosphere</i>, Volume 247, Article Number 125953 Impact Factor: 7.086 Quartile: 1 Citations: 31 DOI: https://doi.org/10.1016/j.chemosphere.2020.125953	2020
Plant uptake and leaching potential upon application of amendments in soils spiked with heavy metals (Cd and Pb) <i>Muhammad Arshad Imran Hashmi Muhammad Faraz Bhatti Iram Gul Maria Manzoor Jean Kallerhof</i> <i>Journal of Environmental Management</i>, Volume 249, Article Number UNSP 109408	2019

Impact Factor: 5.647 Quartile: 1 Citations: 69 DOI: 10.1016/j.jenvman.2019.109408	
Evaluation of genotoxicity and hematological effects in common carp (Cyprinus carpio) induced by disinfection by-products <i>Samina Perveen Imran Hashmi Romana Khan</i> <i>Journal of Water and Health</i> , Volume: 17 Issue: 5 Pages: 762-776 Impact Factor: 1.349 Quartile: 4 Citations: 20 DOI: 10.2166/wh.2019.261	2019
Metal tolerant bacteria enhanced phytoextraction of lead by two accumulator ornamental species <i>Maria Manzoor Iram Gul Iftikhar Ahmed Muhammad Zeeshan Ali Khan Imran Hashmi Bilal Ahmad Zafar Amin Jean Kallerhoff Muhammad Arshad</i> <i>Chemosphere</i> , Volume 227, Page 561-569 Impact Factor: 5.778 Quartile: 1 Citations: 52 DOI: 10.1016/j.chemosphere.2019.04.093	2019
Antibacterial behaviour of surface modified composite polyamide nanofiltration (NF) membrane by immobilizing Ag-doped TiO₂ nanoparticles <i>Zunaira Habib Sher Jamal Khan Nasir Mehmood Ahmad Hafiz Muhammad Aamir Shahzad Imran Hashmi Yousuf Jamal</i> <i>Environmental Technology</i> , Pages 1-49 Impact Factor: 2.213 Quartile: 3 Citations: 29 DOI: 10.1080/09593330.2019.1617355	2019
Carbon storage and allocation pattern in plant biomass under drought stress and nitrogen supply in eucalyptus camaldulensis and populus deltoides <i>Saira Kanwal Sofia Baig Imran Hashmi</i> <i>Pakistan Journal of Botany</i> , Volume 51, Issue 5, Pages 1605-1614 Impact Factor: 0.800 Quartile: 4 Citations: 3 DOI: 10.30848/PJB2019-5(14)	2019
Species-specific interaction of trihalomethane (THM) precursors in a scaled-up distribution network using response surface methodology (RSM) <i>Sajida Rasheed Imran Hashmi Jong. K. Kim Qizhi Zhou Luiza C. Campos Luiza C. Campos</i> <i>Environmental Technology</i> , Volume: 39 Issue: 3 Pages: 346-355, Published: 2018 Impact Factor: 1.918 Quartile: 3 Citations: 9 DOI: 10.1080/09593330.2017.1301564	2018
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
Strengthening calcium alginate microspheres using polysulfone and its performance evaluation: Preparation, characterization and application for enhanced biodegradation of chlorpyrifos <i>Jong-In Han Imran Hashmi Sher Jamal Khan Muhammad Arshad Saira Khalid Ghalib Hasnain Muhammad Ajaz Ahmed</i> <i>Science of The Total Environment</i> , ISSN:0048-9697, Volumes 631–632, Pages 1046-1058, 1 August 2018, NULL Impact Factor: 5.589 Quartile: 1 Citations: 15 DOI: 10.1016/j.scitotenv.2018.03.101	2018
Impact of meteorological conditions on the water quality of wastewater treatment systems: a comparative study of phytoremediation and membrane bioreactor system <i>Khushbakht Andaleeb Imran Hashmi</i> <i>Water Sci Technol</i> , Volume 77, Pages 718-728, Special Issue 3 Impact Factor: 1.624 Quartile: 3 Citations: 2 DOI: 10.2166/wst.2018.247	2018
Impact of quorum quenching bacteria on biofouling retardation in submerged membrane bioreactor (SMBR) <i>Saimar Pervez Sher Jamal Khan Hira Waheed Imran Hashmi Chung-Hak Lee</i> <i>Membrane Water Treatment</i> , Volume: 9, Issue: 4, Pages: 279-284, Impact Factor: 0.975 Quartile: 4 Citations: 7 DOI: 10.12989/mwt.2018.9.4.279	2018

Biodegradation of phenol and benzene by endophytic bacterial strains isolated from refinery wastewater-fed Cannabis sativa <i>Aneela Iqbal Muhammad Arshad Imran Hashmi Raghupathy Karthikeyan Terry J. Gentry Arthur Paul Schwab</i> <i>Environmental Technology</i> , Volume 39, Issue 13, Pages 1705-1714 Impact Factor: 1.918 Quartile: 3 Citations: 41 DOI: 10.1080/09593330.2017.1337232	2018
In tandem effects of activated carbon and quorum quenching on fouling control and simultaneous removal of pharmaceutical compounds in membrane bioreactors <i>Imran Hashmi Yan Zhou Yeyuan Xiao Hira Waheed Keke Xiao</i> <i>Chemical Engineering Journal</i> , Volume 341, Pages 610-617 Impact Factor: 8.355 Quartile: 1 Citations: 42 DOI: 10.1016/j.cej.2018.02.073	2018
Microbial quality assessment of indoor air in a large hospital building during winter and spring seasons <i>Ayesha Asif Muhammad Zeeshan Ali Khan Imran Hashmi Uzma Zahid Muhammad Faraz Bhatti</i> <i>Building and Environment</i> , NULL Impact Factor: 4.820 Quartile: 1 Citations: 53 DOI: 10.1016/j.buildenv.2018.03.010	2018
High-performing antifouling bacterial consortium for submerged membrane bioreactor treating synthetic wastewater <i>Hira Waheed Saimar Pervez Imran Hashmi S.R. Kim Sher Jamal Khan</i> <i>International Journal of Environmental Science and Technology</i> , Volume 15, Issue 2, Pages 395-404 Impact Factor: 2.031 Quartile: 3 Citations: 11 DOI: 10.1007/s13762-017-1392-1	2018
Photocatalytic Inactivation of Hospital-Associated Bacteria using Titania Nanoparticle Coated Textiles <i>Tehseen Tahir Ishtiaq Ahmed Qazi Imran Hashmi Muhammad Anwar Baig</i> <i>Journal of the Chemical Society of Pakistan</i> , NULL Impact Factor: 0.28 Quartile: 4 Citations: 175 DOI: 10.1016/j.jhin.2015.02.017	2017
Insights into quorum quenching mechanisms to control membrane biofouling under changing organic loading rates <i>Hira Waheed Yeyuan Xiao Imran Hashmi David Stuckey Yan Zhou</i> <i>Chemosphere</i> , Volume 182, Pages 40-47 Impact Factor: 4.427 Quartile: 1 Citations: 42 DOI: https://doi.org/10.1016/j.chemosphere.2017.04.151	2017
Performance Evaluation of Membrane-Based Septic Tank and Its Reuse Potential for Irrigating Crops <i>Mehwish Khalid Imran Hashmi Sher Jamal Khan</i> <i>Water Environment Research</i> , Volume: 89 Issue: 8 Pages: 744-751 Impact Factor: 0.825 Quartile: 4 Citations: 3 DOI: 10.2175/106143017X14902968254674	2017
Effects of selective meteorological parameters on water quality of wastewater treatment systems <i>Khushbakht Andleeb Khushbakht Andleeb Imran Hashmi</i> <i>Pakistan Journal of Meteorology</i> , Volume 14, Issue 27, Pages 13-23 Impact Factor: N/A DOI: -	2017
Ozone Disinfection Efficiency for Indicator Microorganisms at Different pH Values and Temperatures <i>Asma Jamil Shaukat Farooq Imran Hashmi</i> <i>Ozone: Science & Engineering</i> , Volume 39, Issue 6, Pages 407-416 Impact Factor: 1.232 Quartile: 4 Citations: 31 DOI: 10.1080/01919512.2017.1322489	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

Performance and optimization of lab-scale membrane bioreactors for synthetic municipal wastewater <i>Rita Henderson Sher Jamal Khan Sara Imran Khan Imran Hashmi</i> <i>Desalination and Water Treatment</i> , Volume 57, Issue 60, Pages 29193-29200 Impact Factor: 1.631 Quartile: 2 Citations: 3 DOI: 10.1080/19443994.2016.1165148	2016
Biodegradation of low density polyethylene (LDPE) modified with dye sensitized titania and starch blend using <i>Stenotrophomonas pavanii</i> <i>Ch Tahir Mehmood Ishtiaq A Qazi Imran Hashmi Samarth Bhargava Sriramulu Deepa</i> <i>International Biodeterioration & Biodegradation</i> , Volume 113, Pages 276-286 Impact Factor: 2.962 Quartile: 2 Citations: 88 DOI: 10.1016/j.ibiod.2016.01.025	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
Biomonitoring of Toxic Effects of Pesticides in Occupationally Exposed Individuals <i>Muhammad Arshad Maryam Siddiqa Saddaf Rashid Imran Hashmi Muhammad Ali Awan Muhammad Arif Ali</i> <i>Safety and Health at Work</i> , Volume 7, Issue 2, Pages 156-160 Impact Factor: 0 Citations: 18 DOI: 10.1016/j.shaw.2015.11.001	2016
Optimization of total trihalomethanes'(TTHMs) and their precursors' removal by granulated activated carbon (GAC) and sand dual media by response surface methodology (RSM) <i>Sajida Rasheed Luiza Campos Jong Kim Qizhi Zhou Imran Hashmi</i> <i>Water Science and Technology: Water Supply</i> , Volume 16, Issue 3, Pages 783-793 Impact Factor: 0.573 Quartile: 4 Citations: 19 DOI: 10.2166/ws.2015.175	2016
Bacterial assisted degradation of chlorpyrifos: The key role of environmental conditions, trace metals and organic solvents <i>Saira Khalid Imran Hashmi Sher Jamal Khan</i> <i>Journal of Environmental Management</i> , Volume 168, Pages 1-9 Impact Factor: 4.010 Quartile: 1 Citations: 30 DOI: 10.1016/j.jenvman.2015.11.030	2016
Biotreatment of chlorpyrifos in a bench scale bioreactor using <i>Psychrobacter alimentarius</i> T14 <i>Saira Khalid Imran Hashmi</i> <i>Environmental Technology</i> , Volume 37, Issue 3, Pages 316-325 Impact Factor: 1.751 Quartile: 3 Citations: 11 DOI: 10.1080/09593330.2015.1069406	2016
Inactivation of <i>Escherichia coli</i> and <i>Salmonella</i> with chlorine in drinking waters at various pH and temperature levels <i>Sajida Rasheed Imran Hashmi Luiza Campos</i> <i>Proceedings of the Pakistan Academy of Sciences</i> , Volume 53, Issue 2B, Pages 83-92 Impact Factor: 0 DOI: https://pdfs.semanticscholar.org/a2d1/56d5f0008320f9b19a86c990c133fdb3b2f.pdf	2016
Monitoring of chlorination disinfection by-products and their associated health risks in drinking water of Pakistan <i>Sidra Abbas Imran Hashmi Muhammad Saif Ur Rehman Ishtiaq Ahmed Qazi Mohammad A. Awan Habib Nasir</i> <i>Journal of Water and Health</i> , Volume 13, Issue 1, Pages 270-284 Impact Factor: 1.025 Quartile: 4 Citations: 31	2015

DOI: 10.2166/wh.2014.096

Efficacy of UV-C photolysis of bisphenol A on transcriptome alterations of genes in zebrafish embryos

2015

Asma Saeed Imran Hashmi Ava Zare Mitra Mehrabani-Zeinabad Gopal Achari Hamid R Habibi

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING Volume 51, Issue 11, Pages 877-883

Impact Factor: 1.276 | Quartile: 3 | Citations: 3

DOI: 10.1080/10934529.2016.1191296

Assessment of surface water quality of River Korang

2015

Arshad Ali Shajeha Shahzad Imran Hashmi

The Holistic Approach to Environment, Volume 5(4), Pages 191-209

Impact Factor: -

DOI: -

Membrane biofouling retardation and improved sludge characteristics using quorum quenching bacteria in submerged membrane bioreactor

2015

Tahir Maqbool Sher Jamal Khan Hira Waheed Imran Hashmi Hamid Iqbal Chung-Hak Lee

Journal of Membrane Science, Volume 483, Pages 75-83

Impact Factor: 5.557 | Quartile: 1 | Citations: 74

DOI: <https://doi.org/10.1016/j.memsci.2015.02.011>

Amine-Based Carbon Capture Technology: CO2 scrubber prototype fabrication and amine scrubbing efficiency testing

2015

Sana Rasool Seemal Mushtaq Syed Aon Bukhari Fatima tu-Zahra Zaman Imran Hashmi

NUST Journal of Engineering Sciences, Volume 8, Issue 1, Pages 14-18

Impact Factor: 0

DOI: 10.24949%2Fnjes.v8i1.148

Physico-chemical and Microbiological Performance Evaluation of Phytoremediation Plant

2015

Talha Zulfiqar Mudassir Hussain Alvi Harris Bin Khawar Muhammad Abdullah Imran Hashmi

NUST Journal of Engineering Sciences, Volume 8, Issue 1, Pages 32-37

Impact Factor: 0

DOI: 10.24949%2Fnjes.v8i1.144.g78

Photocatalytic Degradation of 2, 4-D and Transition of Endocrine Disruptive Activity Using Transcriptome Based Bioassay in Zebrafish Embryos

2015

G. Achari Asma Jamil Imran Hashmi HR Habibi L Yu

International Journal of Environmental Science and Development, Volume 6, Issue 2, Pages 128-132

Impact Factor: 0

DOI: 10.7763/IJESD.2015.V6.574

Combating Accidental Microbial Episodes by Back-Ground Chlorine Residuals in a Scaled-up Distribution Network (Rig) Using a Central Composite Design (CCD)

2015

G. K. Kim Sajida Rasheed Imran Hashmi Q Zhou LC Campos

International Journal of Environmental Science and Development, Volume 6, Issue 2, Pages 122-127

Impact Factor: 0

DOI: 10.7763/IJESD.2015.V6.573

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 Muhammad 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

Chlorination at Treatment Plant and Drinking Water Quality: A Case Study of Different Sectors of Islamabad, Pakistan

2014

Sara Kaiser Imran Hashmi Habib Nasir

Arabian Journal for Science and Engineering, Volume 39, Issue 7, Pages 5665-5675

Impact Factor: N/A | Citations: 7

DOI: 10.1007/s13369-014-1097-4

Evaluation of anthropogenic effects on water quality and bacterial diversity in Rawal Lake, Islamabad

2014

Asma Saeed Imran Hashmi

Environmental Monitoring and Assessment, Volume 186, Issue 5, Pages 2785-2793

Impact Factor: 1.679 Quartile: 2 Citations: 18 DOI: 10.1007/s10661-013-3579-3	
Occupational Health and Safety Issues in the Marble Industry and their Potential Measures <i>zahra imran hashmi Nadia Akhtar</i> <i>International Journal of Scientific and Engineering Research</i> , Volume 5, Issue 2, Pages 1137-1140 Impact Factor: 0 DOI: -	2014
Visible light photocatalytic water disinfection and its kinetics using Ag-doped titania nanoparticles <i>Hassan Younas Ishtiaq A. Qazi Imran Hashmi M. Ali Awan Asif Mahmood Hafiz Adil Qayyum</i> <i>Environmental Science and Pollution Research</i> , Volume 21, Issue 1, Pages 740-752 Impact Factor: 2.828 Quartile: 2 Citations: 52 DOI: 10.1007/s11356-013-1980-7	2014
Molecular detection of microbial community in a nitrifying–denitrifying activated sludge system <i>Hira Waheed Imran Hashmi Abdul Khaliq Naveed Sher Jamal Khan</i> <i>International Biodeterioration & Biodegradation</i> , Volume 85, Pages 527-532 Impact Factor: 2.235 Quartile: 2 Citations: 30 DOI: 10.1016/j.ibiod.2013.05.009	2013
Performance Evaluation and Bacterial Characterization of Membrane Bioreactors <i>Sher Jamal Khan Fozia Parveen Aman Ahmad Imran Hashmi Nicholas Hankins</i> <i>Bioresource Technology</i> , Volume 141, Pages 2-7 Impact Factor: 5.039 Quartile: 1 Citations: 11 DOI: 10.1016/j.biortech.2013.01.140	2013
Cancer and non-cancer risk assessment of trihalomethanes in urban drinking water supplies of Pakistan <i>Hira Amjad Imran Hashmi Muhammad Saif Ur Rehman M. Ali Awan Sajeela Ghaffar Zahiruddin Khan</i> <i>Ecotoxicology and Environmental Safety</i> , Volume 91, Pages 25-31 Impact Factor: 2.482 Quartile: 2 Citations: 70 DOI: 10.1016/j.ecoenv.2013.01.008	2013
Synthesis of silver-doped titanium TiO₂ powder-coated surfaces and its ability to inactivate pseudomonas aeruginosa and bacillus subtilis <i>Saman Khan Ishtiaq A Qazi Imran Hashmi M. Ali Awan Najum-us-Sehar Sadaf Zaidi</i> <i>Journal of Nanomaterials</i> , Article No.531010 Impact Factor: 1.611 Quartile: 2 Citations: 32 DOI: 10.1155/2013/531010	2013
Acetanilide herbicide degradation using indigenous soil microorganisms <i>S Farooq Imran Hashmi Muhammad Arshad Ishtiaq A Qazi</i> <i>WIT Transactions on the Built Environment</i> , Volume 134, Pages 685-690 Impact Factor: 0 DOI: 10.2495/SAFE1306 1	2013
Development of PCR protocol for detection of escherichia coli in drinking water <i>Imran Hashmi J. Imtiaz I. A. Qazi M. Arshad</i> <i>WIT Transactions on Ecology and the Environment</i> , Volume 171, Pages 225-234, 2013 Impact Factor: 0 Citations: 6 DOI: 10.2495/WRM130201	2013
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Science of the Total Environment Reviewed Papers for Journals Impact Factor: 9.8	2023
Environmental Pollution Reviewed Papers for Journals Impact Factor: 8.9	2023
Water Research Reviewed Papers for Journals Impact Factor: 13.400	2023
Soil & Sediment Contamination Reviewed Papers for Journals Impact Factor: 0.042	2023
Environmental Monitoring and Assessment Reviewed Papers for Journals Impact Factor: 3.307	2023
Science of the Total Environment Reviewed Papers for Journals Impact Factor: 10.753	2023
Comparative Biochemistry ND Physiology C-Toxicology & Pharmacology Reviewed Papers for Journals Impact Factor: 4.520	2022
Frontiers in Marine Science Reviewed Papers for Journals Impact Factor: 5.247	2022
International Journal of Environmental Science and Technology Reviewed Papers for Journals Impact Factor: 3.519	2022
International Journal of Environmental Science and Technology Reviewed Papers for Journals Impact Factor: 2.86	2022
Journal of Membrane Science Reviewed Papers for Journals Impact Factor: 10.530	2022
Journal of Membrane Science Reviewed Papers for Journals Impact Factor: 10.530	2022
International Journal of Environmental Science and Technology Reviewed Papers for Journals	2022

Impact Factor: 3.519	
Urban Water Journal	2022
Reviewed Papers for Journals	
Impact Factor: 2.675	
Journal of Environmental Engineering	2022
Reviewed Papers for Journals	
Impact Factor: 2.479	
Science of The Total Environment	2022
Reviewed Papers for Journals	
Impact Factor: 10.75	
Chemosphere	2022
Reviewed Papers for Journals	
Impact Factor: 8.943	
Journal of Environmental Management	2022
Reviewed Papers for Journals	
Impact Factor: 8.910	
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Reviewed Papers for Journals	
Impact Factor: 4.527	
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Impact Factor: 7.086	
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Reviewed Papers for Journals Impact Factor: 0.854	
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Reviewed Papers for Journals Impact Factor: 2.528	
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Reviewed Papers for Journals Impact Factor: 5.778	
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Reviewed Papers for Journals Impact Factor: 2.54	
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Reviewed Papers for Journals Impact Factor: 2.031	

Reviewed Papers for Journals	2019
Reviewed Papers for Journals Impact Factor: 5.108	2019
Reviewed Papers for Journals Impact Factor: 7.913	2019
Reviewed Papers for Journals Impact Factor: 2.567	2019
Reviewed Papers for Journals Impact Factor: 5.108	2019
Reviewed Papers for Journals Impact Factor: 6.578	2018
Reviewed Papers for Journals Impact Factor: 1.804	2018
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Reviewed Papers for Journals	2018