

**DR. NADIA JAMIL**  
Associate Professor

**PUBLISHED PAPERS**

**2019**

- 1) *Occurrence, fate and adverse effects of residual levels of preservatives and active whitening agents from wastewater of personal care products industries*  
**JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY**  
*Impact Factor Journal*
- 2) *Assessment of Milk Quality by Analyzing Aflatoxin M1 in Branded and Non-Branded Milk Samples Collected from Different Shops/Areas in Lahore, Pakistan*  
**PAKISTAN JOURNAL OF ZOOLOGY**  
*Impact Factor Journal*
- 3) *Environment Friendly Synthesis of N'-(1,3-Diphenylallylidene)-1-ethyl-7-methyl-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carbohydrazides: Crystal Structure and Their Anti-oxidant Potential.*  
**CHEMICAL AND PHARMACEUTICAL BULLETIN**  
*Impact Factor Journal*
- 4) *Synthesis and Characterization of Sawdust Biochar/Fe<sub>3</sub>O<sub>4</sub> Nanocomposites Potential Application in Textile Wastewater Treatment.*  
**POLISH JOURNAL OF ENVIRONMENTAL STUDIES**  
*Impact Factor Journal*
- 5) *Synthesis and characterization of environmentally friendly corncob biochar-based nano-composite–A potential slow release nano-fertilizer for sustainable agriculture.*  
**ENVIRONMENTAL NANOTECHNOLOGY, MONITORING & MANAGEMENT**  
*Impact Factor Journal*

**2018**

- 6) *Production of Cellulases by Bacillus cellulosilyticus Using Lignocellulosic Material.*  
**POLISH JOURNAL OF ENVIRONMENTAL STUDIES**  
*Impact Factor Journal*

**2017**

- 7) *Potential of Energy from the Dentistry Solid Waste of Lahore.*  
**TRANSYLVANIAN REVIEW**  
*Impact Factor Journal*
- 8) *Reactive Dye Removal by a Novel Biochar/ MgO Nanocomposite.*  
**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**  
*Impact Factor Journal*

- 9) *Risk Profile and Health Vulnerability of Female Workers who pick cotton by Organanochlorine Pesticides from Southern Punjab, Pakistan.*  
**ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY**  
*Impact Factor Journal*
- 10) *Heavy metal toxicity and human health risk surveillances of wastewater irrigated vegetables in Lahore District, Pakistan*  
**CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES**  
*Impact Factor Journal*
- 11) *Comparative Analysis of Brown and White Rice Samples For the Presence of Aflatoxin B1 Contamination and Effect of Environment Temperature on Aflatoxin Concentration during Storage.*  
**TRANSYLVANIAN REVIEW**  
*Impact Factor Journal*
- 12) *End- of- Life Scenarios for Municipal Solid Waste of Defence Housing Authority Lahore, Pakistan*  
**POLISH JOURNAL OF ENVIRONMENTAL STUDIES**  
*Impact Factor Journal*

## **2016**

- 13) *Synthesis and characterization of zeolite based nanoecomposite: An environment friendly slow release fertilizer*  
**MICROPOROUS AND MESOPOROUS MATERIALS**  
*Impact Factor Journal*
- 14) *Use of Mercury in Dental Silver Amalgam: An Occupational and Environmental Assessment.*  
**BIOMED RESEARCH INTERNATIONAL**  
*Impact Factor Journal*
- 15) *Environment friendly approach to simultaneously remove unfixed dyes from textile fabric and wash-off liquor*  
**FIBRES & TEXTILES IN EASTERN EUROPE**  
*Impact Factor Journal*
- 16) *Assessment of key parameters in tannery sludge management: A prerequisite for energy recovery*  
**ENERGY SOURCES, PART A: RECOVERY, UTILIZATION, AND ENVIRONMENTAL EFFECTS**  
*Impact Factor Journal*

17) *Ochratoxin: A Potent Carcinogen : A review Article*  
**INTERNATIONAL RESEARCH JOURNAL OF BIOLOGICAL SCIENCES**

**2015**

18) *Assessment of Mercury Contamination in Water and Soil Surrounding a Chlor-Alkali Plant: A case study*  
**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**  
***Impact Factor Journal***

19) *Prevalence of Work-Related Musculoskeletal Symptoms (WMSS) among the Motorcycle Mechanics of Lahore, Pakistan*  
**IRANIAN JOURNAL OF PUBLIC HEALTH**  
***Impact Factor Journal***

20) *Human health risk assessment, congener specific analysis and spatial distribution pattern of organochlorine pesticides (OCPs) through rice crop from selected districts of Punjab Province, Pakistan*  
**SCIENCE OF THE TOTAL ENVIRONMENT**  
***Impact Factor Journal***

21) *Potential of biogas in waste activated tannery sludge by anaerobic co-digestion.*  
**ASIAN JOURNAL OF CHEMISTRY**

22) *Removal of hydrolyzed reactive dyes from cotton fabric using spent H<sub>2</sub>O<sub>2</sub> – A green approach*  
**ASIAN JOURNAL OF CHEMISTRY**

23) *A Pilot scale Application of O<sub>3</sub> in Machine Cleaning to Replace Na<sub>2</sub>S<sub>2</sub>O<sub>4</sub>*  
**ASIAN JOURNAL OF CHEMISTRY**

24) *Accumulation of Heavy Metals in Edible Organs of Different Meat Products Available in the Markets of Lahore, Pakistan.*  
**PAKISTAN JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**

25) *Adsorption Studies of Phosphate ions on alginate –Calcium carbonate composite beads.*  
**AFRICAN JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY**

26) *Detection of Bacterial load in drinking water samples by 16s rRNA ribotyping and RAPD analysis.*  
**ADVANCEMENTS IN LIFE SCIENCES**

27) *MgO Nanoparticles for the Removal of Reactive dyes from Waste water.*

**TECHCONNECT WORLD INNOVATION CONFERENCE & EXPO JUNE 14-17**  
**2105 WASHINGTON DC**

**2014**

- 28) Removal of Direct Red 16 (Textile Dye) from Industrial Effluent by using Feldspar.

**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**

***Impact Factor Journal***

- 29) Treatability study of arsenic, fluoride and nitrate from drinking water by adsorption process

**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**

***Impact Factor Journal***

- 30) Comparative study of metal contents in soil and plant being irrigated by tannery treated and fresh water.

**ASIAN JOURNAL OF CHEMISTRY**

**2013**

- 31) Spatiotemporal distribution of contaminants in Nullah Palkhu -highly polluted stream of Pakistan

**JOURNAL OF ENVIRONMENTAL SCIENCE AND WATER RESOURCES**

- 32) Potential effects of human and climate change on freshwater resources in Pakistan

**UNDERSTANDING FRESHWATER QUALITY PROBLEMS IN A CHANGING**  
**WORLD PROCEEDINGS OF H04, IAHS-IAPSO-IASPEI ASSEMBLY,**  
**GOTHENBURG, SWEDEN, JULY 2013 (IAHS PUBL. 361, 2013)**

**2012**

- 33) Lawrencepur Sand- a highly efficient adsorbent for the removal of Cr(VI) from waste water.

**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**

***Impact Factor Journal***

- 34) Removal of Arsenic from water using Pine Leaves.

**JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS.**

***Impact Factor Journal***

- 35) Forced migration of soluble and suspended materials in water by freezing front in aqueous system.

**JOURNAL OF HYDRO-ENVIRONMENT RESEARCH.**

*Impact Factor Journal*  
**2011**

- 36) Removal of toxic dichlorophenol from water by sorption with chemically activated carbon of almond shells.

**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN**  
*Impact Factor Journal*

- 37) Removal of chromium on polyalthia longifolia leaves biomass.

**INTERNATIONAL JOURNAL OF PHYTOREMEDIATION.**  
*Impact Factor Journal*

- 38) Chemistry of ice: Migration of ions and gases by directional freezing of water

**ARABIAN JOURNAL OF CHEMISTRY**  
*Impact Factor Journal*

**2010**

- 39) Removal of chromium from waste water using pea waste- a green approach.

**GREEN CHEMISTRY LETTERS AND REVIEWS**  
*Impact Factor Journal*

- 40) Biosorption of aqueous lead (II) on Rice Straws (oryza sativa) by Flash Column Process.

**JOURNAL OF SCIENTIFIC RESEARCH**

**2009**

- 41) Biosorption of Hg (II) and Cd(II) from waste water by using Zea Mays waste.

**JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN.**  
*Impact Factor Journal*

- 42) Biosorption of Chromium (VI) a low cost milling agro waste Black Gram (Cicer Arientenum) husk by Flash column process.

**JOURNAL OF SCIENTIFIC RESEARCH**

**2001**

- 43) Treatment of Sulfide and chromium contents in Tannery wastes.

**PAKISTAN JOURNAL OF ENVIRONMENTAL SCIENCE**

**BOOK**

Title: **“Biosorption of Toxins from Waste Water- A Green Approach”** published by Lap Lambert Academic Publishing