# Lect. MUHAMMAD SAQAF JAGIRANI

## Personal Information

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## Education Information

Post Doctorate, Erciyes University, Fen Fakültesi, Kimya, Turkey 2020 - Continues
Doctorate, Science, National Center of Excellence in Analytical Chemistry University of Sindh, Pakistan 2016 - 2020
Postgraduate, Science, National Center of Excellence in Analytical Chemistry , Pakistan 2013 - 2016
Undergraduate, University of Sindh Jamshoro, Science, Dr. MA Kazi Institute of Chemistry, Pakistan 2010 - 2011

## Dissertations

Doctorate, SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF MOLECULAR AND ION IMPRINTED POLYMER, Science, National Center of Excellence in Analytical Chemistry , 2020
Postgraduate, Application of Gold Nanoparticles for the Sensing of Anti-Cancer Drugs, Science, National Center of Excellence in Analytical Chemistry , 2016

## Academic Titles / Tasks

Other, Science, National Center of Excellence in Analytical Chemistry , 2016 - 2020
Researcher, Scence, National Center of Excellence in Analytical Chemistry, 2013 - 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

I. **Exploration of the applications of micro/nanomotors-based smart devices in solid-phase extraction techniques**
Jagirani M. S., Soylak M.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.170, 2024 (SCI-Expanded)

II. **Covalent Organic Frameworks, a Renewable and Emergent Source for the Separation and Pre-concentration of the Traces of Targeted Species**
JAGIRANI M. S., GÜMÜŞ Z. P., SOYLAK M.
Microchemical Journal, vol.191, 2023 (SCI-Expanded)

III. **Graphene-Based Nanomaterials: A Sustainable Material for Solid-Phase Microextraction (SPME) for Environmental Applications**
Kori A. H., JAGIRANI M. S., SOYLAK M.
Analytical Letters, vol.56, no.15, pp.2385-2400, 2023 (SCI-Expanded)

IV. **Arsenic speciation by using emerging sample preparation techniques: a review**
JAGIRANI M. S., SOYLAK M.
Turkish Journal of Chemistry, vol.47, no.5, pp.991-1006, 2023 (SCI-Expanded)

V. **Deep eutectic solvents-based adsorbents in environmental analysis**

Jagirani M. S., Soylak M.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.157, 2022 (SCI-Expanded)

VI. **New Trend in the Extraction of Pesticides from the Environmental and Food Samples Applying Microextraction Based Green Chemistry Scenario: A Review**
JAGIRANI M. S., ÖZALP Ö., SOYLAK M.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.52, no.6, pp.1343-1369, 2022 (SCI-Expanded)

VII. **Assessment of environmental pollutants at trace levels using ionic liquids-based liquid-phase microextraction**
UZCAN F., JAGIRANI M. S., SOYLAK M.
Turkish Journal of Chemistry, vol.46, no.6, pp.1755-1775, 2022 (SCI-Expanded)

VIII. **Metal decorated silica-based core-shell magnetic nanocomposite for the solid-phase microextraction of cadmium(II) with determination by high-resolution continuum source flame atomic absorption spectrometry**
JAGIRANI M. S., UZCAN F., SOYLAK M.
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.50, no.6, pp.637-653, 2022 (SCI-Expanded)

IX. **A selective and sensitive procedure for magnetic solid-phase microextraction of lead(II) on magnetic cellulose nanoparticles from environmental samples prior to its flame atomic absorption spectrometric detection**
JAGIRANI M. S., UZCAN F., SOYLAK M.
Journal of the Iranian Chemical Society, vol.18, no.5, pp.1005-1013, 2021 (SCI-Expanded)

X. **Supramolecular solvents: a review of a modern innovation in liquid-phase microextraction technique**
JAGIRANI M. S., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, vol.45, pp.1651-1677, 2021 (SCI-Expanded)

XI. **A review: Recent advances in solid phase microextraction of toxic pollutants using nanotechnology scenario**
JAGIRANI M. S., SOYLAK M.
MICROCHEMICAL JOURNAL, vol.159, 2020 (SCI-Expanded)

XII. **Fabrication of cadmium tagged novel ion imprinted polymer for detoxification of the toxic Cd2+ ion from aqueous environment**
JAGIRANI M. S., Balouch A., Mahesar S. A., Kumar A., Baloch A. R., Abdullah A., Bhanger M. I.
MICROCHEMICAL JOURNAL, vol.158, 2020 (SCI-Expanded)

## Articles Published in Other Journals

I. **Extraction Techniques Used for the Removal of Pharmaceuticals from Environmental Samples**
SOYLAK M., JAGIRANI M. S.
PHARMACEUTICAL SCIENCES, vol.27, no.4, pp.450-452, 2021 (ESCI)

## Metrics

Publication: 13
Citation (WoS): 51
Citation (Scopus): 86
H-Index (WoS): 3
H-Index (Scopus): 4