

Ahsan Habib

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

812
citations

623188

14
h-index

500791

28
g-index

33
all docs

33
docs citations

33
times ranked

1080
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hollow Cathode Discharge Ionization Mass Spectrometry: Detection, Quantification and Gas Phase Ion-Molecule Reactions of Explosives and Related Compounds. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 148-174. | 1.8 | 3 |
| 2 | Gas phase ion-molecule reactions of nitroaromatic explosive compounds studied by hollow cathode discharge ionization-mass spectrometry. <i>Talanta</i> , 2022, 236, 122834. | 2.9 | 6 |
| 3 | Poly- and Perfluorinated Alkyl Substances in Air and Water from Dhaka, Bangladesh. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 334-342. | 2.2 | 10 |
| 4 | Source identification, contamination status and health risk assessment of heavy metals from road dusts in Dhaka, Bangladesh. <i>Journal of Environmental Sciences</i> , 2022, 121, 159-174. | 3.2 | 19 |
| 5 | Ultra-trace level detection of nonvolatile compounds studied by ultrasonic cutter blade coupled with dielectric barrier discharge ionization-mass spectrometry. <i>Talanta</i> , 2021, 222, 121673. | 2.9 | 12 |
| 6 | Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104975. | 3.3 | 30 |
| 7 | Kinetics and mechanism of formation of nickel(II)porphyrin and its interaction with DNA in aqueous medium. <i>Journal of Chemical Sciences</i> , 2021, 133, 83. | 0.7 | 2 |
| 8 | Is haem the real target of COVID-19?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102381. | 1.3 | 14 |
| 9 | Simultaneous detection and quantification of explosives by a modified hollow cathode discharge ion source. <i>Talanta</i> , 2021, 233, 122596. | 2.9 | 7 |
| 10 | Status of multielement in water of the river Buriganga, Bangladesh: Aquatic chemistry of metal ions in polluted river water. <i>Emerging Contaminants</i> , 2021, 7, 99-115. | 2.2 | 16 |
| 11 | Analysis of amphetaminic drug compounds in urine by headspace-dielectric barrier discharge ionization-mass spectrometry. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2162-2170. | 2.3 | 11 |
| 12 | Human health risk assessment of toxic elements in fish species collected from the river Buriganga, Bangladesh. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 120-146. | 1.7 | 14 |
| 13 | Plant Part-Derived Carbon Dots for Biosensing. <i>Biosensors</i> , 2020, 10, 68. | 2.3 | 55 |
| 14 | Kinetics and mechanism of incorporation of zinc(II) into tetrakis(1-methylpyridium-4-yl)porphyrin in aqueous solution. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6552-6558. | 2.3 | 4 |
| 15 | New classes of organic pollutants in the remote continental environment – Chlorinated and brominated polycyclic aromatic hydrocarbons on the Tibetan Plateau. <i>Environment International</i> , 2020, 137, 105574. | 4.8 | 36 |
| 16 | Polychlorinated Naphthalene Congener Profiles in Common Vegetation on the Tibetan Plateau as Biomonitor of Their Sources and Transportation. <i>Environmental Science & Technology</i> , 2020, 54, 2314-2322. | 4.6 | 20 |
| 17 | Challenges and Strategies of Chemical Analysis of Drugs of Abuse and Explosives by Mass Spectrometry. <i>Frontiers in Chemistry</i> , 2020, 8, 598487. | 1.8 | 12 |
| 18 | Multielement analysis in sediments of the River Buriganga (Bangladesh): potential ecological risk assessment. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1663-1676. | 1.8 | 11 |

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|----|---|-----|-----------|
| 19 | Desorption in Mass Spectrometry. <i>Mass Spectrometry</i> , 2017, 6, S0059-S0059. | 0.2 | 9 |
| 20 | Detection of explosives using a hollow cathode discharge ion source. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 601-610. | 0.7 | 18 |
| 21 | Desorption Mass Spectrometry for Nonvolatile Compounds Using an Ultrasonic Cutter. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1177-1180. | 1.2 | 17 |
| 22 | Alternating current corona discharge/atmospheric pressure chemical ionization for mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2760-2766. | 0.7 | 18 |
| 23 | Passive air monitoring of PCBs and PCNs across East Asia: A comprehensive congener evaluation for source characterization. <i>Chemosphere</i> , 2012, 86, 718-726. | 4.2 | 92 |
| 24 | Observation and Analysis of Small Inclination of Thymine Molecules on Graphite. <i>Journal of Physical Chemistry C</i> , 2011, 115, 511-515. | 1.5 | 5 |
| 25 | Formation of Gold Nanoparticles by Goodâ€™s Buffers. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 262-269. | 2.0 | 91 |
| 26 | DNA Cleavage by Goodâ€™s Buffers in the Presence of Au(III). <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1263-1269. | 2.0 | 7 |
| 27 | Kinetics and mechanism of gold(III) incorporation into tetrakis(1-methylpyridium-4-yl)porphyrin in aqueous solution. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004, 08, 1269-1275. | 0.4 | 5 |
| 28 | In vitro toxicity of palladium(II) and gold(III) porphyrins and their aqueous metal ion counterparts on <i>Trypanosoma brucei brucei</i> growth. <i>Chemico-Biological Interactions</i> , 2004, 148, 19-25. | 1.7 | 72 |
| 29 | Fluorescence and phosphorescence spectra of Au(III), Pt(II) and Pd(II) porphyrins with DNA at room temperature. <i>Inorganica Chimica Acta</i> , 2004, 357, 739-745. | 1.2 | 112 |
| 30 | Oxidative DNA damage induced by HEPES (2-[4-(2-hydroxyethyl)-1-piperazinyl]ethanesulfonic acid) buffer in the presence of Au(III). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1696-1702. | 1.5 | 83 |