

Ahsan Habib

List of Publications by Year in descending order

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30
papers

812
citations

623734

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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.	3.5	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.	5.5	6
3	Poly- and Perfluorinated Alkyl Substances in Air and Water from Dhaka, Bangladesh. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 334-342.	4.3	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.	6.1	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.	5.5	12
6	Novel silica sand hollow fibre ceramic membrane for oily wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104975.	6.7	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.	1.5	2
8	Is haem the real target of COVID-19?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102381.	2.6	14
9	Simultaneous detection and quantification of explosives by a modified hollow cathode discharge ion source. <i>Talanta</i> , 2021, 233, 122596.	5.5	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.	4.9	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.	4.9	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.	3.4	14
13	Plant Part-Derived Carbon Dots for Biosensing. <i>Biosensors</i> , 2020, 10, 68.	4.7	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.	4.9	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.	10.0	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.	10.0	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.	3.6	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.	3.5	11

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19	Desorption in Mass Spectrometry. Mass Spectrometry, 2017, 6, S0059-S0059.	0.6	9
20	Detection of explosives using a hollow cathode discharge ion source. Rapid Communications in Mass Spectrometry, 2015, 29, 601-610.	1.5	18
21	Desorption Mass Spectrometry for Nonvolatile Compounds Using an Ultrasonic Cutter. Journal of the American Society for Mass Spectrometry, 2014, 25, 1177-1180.	2.8	17
22	Alternating current corona discharge/atmospheric pressure chemical ionization for mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 2760-2766.	1.5	18
23	Passive air monitoring of PCBs and PCNs across East Asia: A comprehensive congener evaluation for source characterization. Chemosphere, 2012, 86, 718-726.	8.2	92
24	Observation and Analysis of Small Inclination of Thymine Molecules on Graphite. Journal of Physical Chemistry C, 2011, 115, 511-515.	3.1	5
25	Formation of Gold Nanoparticles by Goodâ€™s Buffers. Bulletin of the Chemical Society of Japan, 2005, 78, 262-269.	3.2	91
26	DNA Cleavage by Goodâ€™s Buffers in the Presence of Au(III). Bulletin of the Chemical Society of Japan, 2005, 78, 1263-1269.	3.2	7
27	Kinetics and mechanism of gold(III) incorporation into tetrakis(1-methylpyridium-4-yl)porphyrin in aqueous solution. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1269-1275.	0.8	5
28	In vitro toxicity of palladium(II) and gold(III) porphyrins and their aqueous metal ion counterparts on Trypanosoma brucei brucei growth. Chemico-Biological Interactions, 2004, 148, 19-25.	4.0	72
29	Fluorescence and phosphorescence spectra of Au(III), Pt(II) and Pd(II) porphyrins with DNA at room temperature. Inorganica Chimica Acta, 2004, 357, 739-745.	2.4	112
30	Oxidative DNA damage induced by HEPES (2-[4-(2-hydroxyethyl)-1-piperazinyl]ethanesulfonic acid) buffer in the presence of Au(III). Journal of Inorganic Biochemistry, 2004, 98, 1696-1702.	3.5	83