

PUBLICATIONS of PROF. DR. IRFAN AHMED SHAIKH

1. Published Papers in HEC Recognized National Journals and International Impact Factor Journals

Sr. No.	Title of Paper	Name of Publishing Journal / ISSN #	Year	Vol. (issue)	Pages	HEC Recognized/ Category	Impact Factor
1	Performance assessment of alum as coagulant for degradation of disperse dyes from aqueous medium	International Journal of Environmental Analytical Chemistry	2020	10.1080/03067319.2020.1806254		W	1.43
2	Application of Ozone in Stripping of Cotton Fabric Dyed with Reactive Dyes	Ozone: Science & Engineering ISSN: 0191-951	2019	42 (4)	319-330	W	2.082
3	A new approach for the removal of unfixed dyes from reactive dyed cotton by Fenton oxidation	Journal of Water Reuse and Desalination ISSN: 2220-1319	2019	9(2)	133-141	W	1.538
4	Development of a high efficiency rice husk based adsorbent for removal of dyes from wastewater: application to Everzol Black GR and Reactive Orange 113	Desalination and Water Treatment ISSN: 1944-3994	2018	135	279-289	W	1.234
5	Effects of Different Parameters on Photocatalytic Oxidation of Slaughterhouse Wastewater Using TiO ₂ and Silver-Doped TiO ₂ Nanoparticles	Polish Journal of Environmental Studies ISSN: 1230-1485	2019	28(3)	1591-1600	W	0.793
6	Detection of heavy metals in River Harrow at Kharala Khyber Pakhtunkhwa, Pakistan	Journal of Biodiversity and Environmental Sciences	2018	13 (1)	175-179	X	
7	Performance Evaluation of Selected Coagulants for the	AATCC Journal of Research	2018	5(5)	9-14	W	0.364

	Removal and Reuse of Textile Wastewater Containing C.I. Reactive Black 5	ISSN: 2330-5517					
8	Decolorization of Reactive Azo Dye Remazol Black B by Using Advanced Oxidation Processes (AOPs)	Journal of The Chemical Society Of Pakistan ISSN: 0253-5106	2018	40(5)	828-833	W	0.280
9	Detection of heavy metals in River Harrow at Kharala Khyber Pakhtunkhwa, Pakistan	Journal of Biodiversity and Environmental Sciences ISSN: 2220-6663	2018	13(1)	175-179	X	
10	Dyeing and characterization of regenerated cellulose nanofibers with vat dyes	Carbohydrate Polymers ISSN: 0144-8617	2017	174	443-449	W	5.158
11	Environment Friendly Approach to Simultaneously Remove Unfixed Dyes from Textile Fabric and Wash-off Liquor	FIBRES & TEXTILES in Eastern Europe ISSN: 230-3666	2016	3(117)	124-129	W	0.626
12	Photocatalytic degradation of synthetic textile Effluent by Modified Sol -Gel synthesized mobilized and Immobilized TiO ₂ and Ag doped TiO ₂	Polish Journal of Environmental Studies ISSN: 1230-1485	2016	25(4)	1391-1402	W	0.793
13	Application of ozone in cotton bleaching with multiple reuse of a water bath	Textile Research Journal ISSN: 0040-5175	2014	84(5)	527-538	W	1.599
14	End of life scenarios for Municipal Solid Waste of Defence Housing Authority Lahore, Pakistan	Polish Journal of Environmental Studies ISSN: 1230-1485	2017	26(3)	961-968	W	1.120
15	Human health risk assessment, congener specific analysis and spatial distribution pattern of organochlorine pesticides (OCPs)	Science of the Total Environment ISSN: 0048-9697	2015	511	354-361	W	3.976

	through rice crop from selected districts of Punjab Province, Pakistan						
16	Assessment of Mercury Contamination in Water and Soil Surrounding a Chlor-Alkali Plant: A Case Study	Journal of The Chemical Society Of Pakistan ISSN: 0253-5106	2015	37(1)	173-178	W	0.612
17	Pilot-scale Study: Hydrolyzed Reactive Dye Removal Using Direct Ozone Injection in Jet Dyeing Machine	AATCC Review ISSN: 1532-8813	2013	13(4)	41-46	W	0.254
18	Improved Deep Shade Reactive Dyeing Colorfastness Using Ozone During Wash-off	AATCC Review ISSN: 1532-8813	2010	10(6)	73-77	W	0.315
19	Modeling Greenhouse Gases Emissions from MSW of Lahore	Technical Journal ISSN: 1813-1786	2015	20 (1)	50-53	Y	-
20	Accumulation of Heavy Metals in Edible Organs of Different Meat Product Available in the Markets of Lahore, Pakistan	Pakistan Journal of Scientific and Industrial Research Series B: Biological Sciences ISSN: 2221-6413	2015	58(2)	92-97	X	-
21	Adsorption of Acid Yellow-73 and Direct Violet-51 Dyes from Textile Wastewater by using Iron Doped Corncob Charcoal	Pakistan Journal of Analytical and Environmental Chemistry ISSN: 1996-918X	2015	16(1)	31-38	Y	-
22	A Novel Approach for the Reuse of the Textile Bleaching Wastewater	Technical Journal ISSN: 1813-1786	2015	20(1)	18-25	Y	-
23	Fenton Oxidation Treatment of Spent Wash-Off Liquor for Reuse in Reactive Dyeing	Technical Journal ISSN: 1813-1786	2014	19(4)	43-47	Y	-
24	An Investigation to Adopt Zero Liquid Discharge Textile Dyeing	Mehran University Research Journal of Engineering &	2015	34(2)	196-201	X	-

	Using AOPS	Technology ISSN: 0254-7821					
25	Isolation and its Purification of Laccic Acid Dye from Stick Lac and study of its (Colour Fastness) Properties and Reflectance on Silk Fabric Dyed with Heavy Metal Mordants	Technical Journal ISSN: 1813-1786	2014	19(1)	6-11	Y	-
26	Characterization of Rotor Spun Knitting Yarn at High Rotor Speeds	Technical Journal ISSN: 1813-1786	2014	19(4)	73-78	Y	-
27	An Eco-friendly Approach for Sodium Chloride Free Cotton Dyeing	Technical Journal ISSN: 1813-1786	2014	19(3)	13-17	Y	-
28	An Attempt to Improve Wash Fastness of Red Dyes using Real Textile Wastewater	Pakistan Journal of Science ISSN: 0030-9877	2014	66(4)	368-372	Y	-
29	In-situ Decolorization of Residual Dye Effluent in Textile Jet Dyeing Machine by Ozone	Pakistan Journal of Analytical and Environmental Chemistry ISSN: 1996-918X	2014	15(2)	71-76	Y	-
30	Reuse of Beverage Industry Wastewater in Textile Dyeing after its Treatment with Ozone	Pakistan Journal of Nutrition ISSN: 1680-5194	2014	13(11)	653-656	Y	-
31	Eco-Friendly Approach to Remove COD, TSS and Colour from the Effluent Originating from the Pharmaceutical Industry	Pakistan Journal of Nutrition ISSN: 1680-5194	2015	14(3)	146-149	Y	-
32	Design and Development of Environment Friendly Textile Dyeing Machine	Technical Journal ISSN: 1813-1786	2014	19(3)	45-49	Y	-

33	Developments in Health Care and Medical Textiles - A Mini Review-1	Pakistan Journal of Nutrition ISSN: 1680-5194	2014	13(12)	780-783	Y	-
34	Recycling of Washing and Rinsing Textile Waste Water in Cotton Dyeing following an O ₃ Treatment	Pakistan Journal of Science ISSN: 0030-9877	2014	66(4)	373-376	Y	-
35	Advanced Oxidative Removal of C.I. Food Red 17 Dye from an Aqueous Solution	Pakistan Journal of Nutrition ISSN: 1680-5194	2014	13(11)	631-634	Y	-
36	Detection of heavy metals in River Harrow at Kharala Khyber Pakhtunkhwa, Pakistan	Journal of Biodiversity and Environmental Sciences ISSN: 2220-6663	2018	13 (1)	175-179	Y	-
37	Characterization and optimization of Photocatalytic activity of Sol Gel Synthesized TiO ₂ and Ag doped TiO ₂ through degradation of Synthetic textile effluent by UV lamp assisted experimental setup	Polish Journal of Environmental Studies ISSN: 1230-1485	ACCEPTED PAPER			W	1.120
38	Effect of Different Parameters on Photocatalytic Oxidation of Slaughterhouse Wastewater by Using TiO ₂ and Silver Doped TiO ₂ nanoparticles	Polish Journal of Environmental Studies ISSN: 1230-1485	ACCEPTED PAPER			W	1.120
39	A new approach for the removal of unfixed dyes from reactive dyed cotton by Fenton oxidation	Journal of Water Reuse and Desalination ISSN: 2220-1319	ACCEPTED PAPER			W	0.688
40	Reuse of textile wastewater after	Polish Journal of	ACCEPTED			W	1.120

	treating with combined process of chemical coagulation and electrocoagulation	Environmental Studies ISSN: 1230-1485	PAPER		
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2. Published Papers in Other National and International Journals

Sr. No.	Title of Paper	Name of Publishing Journal / ISSN #	Year	Vol. (issue)	Pages	HEC Recognized/ Category	Impact Factor
41	Removal of Hydrolyzed Reactive Dyes from Cotton Fabric Using Spent H ₂ O ₂ -A Green Approach	Asian Journal of Chemistry ISSN: 0970-7077	2015	27(6)	2129-2132	-	-
42	A Pilot-Scale Application of O ₃ in Machine Cleaning to Replace Na ₂ S ₂ O ₄	Asian Journal of Chemistry ISSN: 0970-7077	2015	27(6)	2171-2174	-	-
43	Isolation and Management of Drinking Water Mycoflora by Ozone Treatment	Mycopath ISSN: 0970-7077	2012	10(1)	25-30	-	-

4. Published Papers in Proceedings

Sr. No.	Title of Paper	Name of Publishing Journal / ISSN #	Year	Vol. (issue)	Pages	HEC Recognized/ Category	Impact Factor
44	An Eco-Friendly Approach- Ozone Based Treatment of Wastewater for Multiple Reuse	Proceedings of the 2nd Environment and Natural Resources International Conference (ENRIC 2016): Interdisciplinary Approaches to Save Future Earth Environment 16 – 17 November, Ayutthaya, Thailand	2016		26	-	-
45	A Pilot-scale Study to Reduce Water Consumption in Cotton Dyeing Using Ozone- A Green Approach	Proceedings of Phuket International Conference ISSN: 2203-9449	2014		1-8	-	-

46	Need of R&D: Post W.T.O. Scenario	Processing of Research & Development Needs in Textile processing Industries, Institute of Chemical Engineering, University of the Punjab	2006		55-61	-	-
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