

INTERNATIONAL PUBLICATIONS

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Sr. No.	Author	Title	Journal	I.F	Vol.	Page No.	Year
	Dr. Sadia Ata	The development of analytical methods for the determination of haloacetic acids compounds (HAAs) in drinking water.	Malaysian Journal of Analytical Science Malaysia	0.20	10(1)	75-80	2006
	Do	Dissolved organic matter and its impact on the chlorine demand of treated water.	The Malaysian Journal of Analytical Sciences	0.20	10	243-250	2006
	Do	Chlorination and chloramines formation.	The Malaysian Journal of Analytical Sciences	0.20	12	528-535	2008
	Do	Development of new water quality model using fuzzy logic system for Malaysia.	Open Environment Sciences	2.865	2	101-106	2008
	Do	SPE-GC-MS for the determination of halogenated acetic acids in drinking water	Chromatographia	2.044	69(11)	1447-1451	2009
	Do	The study of interrelationship between raw water quality parameters, chlorine demand and formation of disinfection byproducts.	Physics and Chemistry of the Earth	2.712	34	806-811	2009
	Do	Comparative study of sample preparation	Journal of Chromatographic	2.1	48	188-	2010

		techniques coupled to gas chromatography for the analysis of halogenated acetic acids in tap water.	Science			193	
	Do	Validation of solid phase extraction technique for the determination of halogenated acetic acids in drinking water.	Sains Malaysiana	1.5	39(2)	227-231	2010
	Do	Elemental profile of 24 Common Medicinal Plants of Pakistan and its Direct Link with Traditional uses.	Journal of medicinal plant research	0.876	5(26)	6164-6168	2011
	Do	Evolution and Fate of Haloacetic Acids before and after Chlorination within the Treatment Plant Using SPE-GC-MS.	American Journal of Analytical Chemistry	1.678	2	522-532	2011
	Do	Optimization of gas chromatographic analysis of halogenated acids in drinking water using full factorial experimental design.	Desalination and water treatment	1.234	49	34-40	2012
	Do	Equilibrium, Thermodynamics, and Kinetic Sorption Studies for the Removal of Coomassie Brilliant Blue on Wheat Bran as a Low-Cost Adsorbent.	Journal of Analytical Methods in Chemistry	2.594	2012	1-8	2012
	Do	Biosorptive removal of lead and cadmium ions from aqueous solution: The use of carrot residues as low cost non-conventional	Turkish journal of Biochemistry	0.353	37(3)	272-279	2012

		adsorbent.					
	Do	Synthesis of Gluconic acid and its salts by using bimetallic catalyst.	Journal of chemical society of Pakistan.	1.35	34	648-650	2012
	Do	Thermodynamic of biosorption for removal of Co (II) ions by an efficient and ecofriendly biosorbent (Saccharum bengalense) kinetic and isotherm modeling.	Journal of chemistry	3.288	2013	1-11	2012
	Do	Evaluation of Trace Elemental Composition of Aerosols in the Atmosphere of Rawalpindi and Islamabad using Radio Analytical Methods.	Applied radiation and isotopes	1.513	77	906-910	2012
	Do	Thermal de-binding study of powder injection molded Fe ⁺ 12% Cu using TG/MS.	Powder Metallurgy	1.93	55	118-123	2012
	Do	Finite element investigation of backbone binder removal from MIM copper compact.	Powder Metallurgy	1.93	55	333-339	2012
	Do	Synthesis, spectroscopic characterization and antibacterial activities of three Schiff bases derived from dehydroacetic acids with various substituted anilines.	Turkish journal of biochemistry	0.353	37(4)	386-391	2012
	Do	Monitoring of anthropogenic influences on underground and surface water quality of Indus River at district	Turkish journal of biochemistry	0.353	38(1)	9-13	2013

		Mianwali-Pakistan.					
	Do	Analytical investigation of selected pesticide residues from fruits and vegetables by an improved extraction method using reverse phase high performance chromatography.	Ethopian journal of environmental studies and management	0.23	6	342-347	2013
	Do	Evaluation of Acacia nilotica as a Non-Conventional low cost Biosorbent for the elimination of Pb (II) and Cd (II) ions from Aqueous Solutions.	Arabian Journal of Chemistry	5.165	7	1091-1098	2014
	Do	Evaluation of conductive polymers as an adsorbent for eradication of As (III) from aqueous solution using inductively coupled plasma optical emission spectroscopy (ICP-OES).	International Journal of Science and Engineering	2.85	6(2)	154-162	2014
	Do	An investigation of toxic heavy metals (Pb,Cd,Cu,Cr and Zn)In Garlic(<i>Allium Sativum</i> L.) and soil samples collected from different locations of Punjab, Pakistan using atomic absorption spectroscopy.	Mediterranean Journal of Chemistry	1.102	2(5)	667-678	2014
	Do	A method optimization study for atomic absorption spectrophotometric determination of total zinc in insulin using direct aspiration technique.	Alexandria Journal of Medicine	0.67	51	19-23	2015

	Do	In vitro-binding assay study of ^{99m} Tc-flouroquinolene with E.Coli Salmowella and Ps aeruginera.	Alexandria Journal of Medicine	0.67	51	47-52	2015
	Do	Critical Study of Multiple Regressions Modelling for Monitoring of Haloacetic Acids in Water Reservoirs.	Arabian Journal of Science and Engineering	2.334	40	101-108	2015
	Do	Amidine sulfonamides and benzene sulfonamides: Synthesis and their biological evaluation.	Journal of Chemistry	3.288	2015	1-8	2015
	Do	Injectable biopolymer based hydrogels for drug delivery applications.	International journal of biological Macromolecules	8.025	80	240-245	2015
	Do	Novel sonochemical single step fabrication of NiO Nanoparticles.	Digest Journal of Nanomaterials and Biostructures	0.963	11(1)	65-80	2016
	Do	Assessment of antioxidant and antimicrobial activities of Ginger.	Pakistan Journal of Chemistry	0.4	6(3-4)	67-70	2016
	Do	Photosensitization of TiO ₂ nanofibers by Ag ₂ S with the synergistic effect of excess surface Ti ³⁺ states for enhanced photocatalytic activity under simulated sunlight.	Scientific report	4.996	7	255-265	2017

	Do	Green and eco-friendly synthesis of cobalt-oxide nanoparticle: Characterization and photo-catalytic activity.	Advanced Powder Technology	4.833	28	2035-2043	2017
	Do	Nickel nanoparticle synthesis using Camellia Sinensis as reducing and capping agent: Growth mechanism and photo-catalytic activity evaluation.	International Journal of Biological Macromolecules	8.025	103	783-790	2017
	Do	Synthesis of carboxyl-modified Fe ₃ O ₄ nanoparticles and their utilization for the remediation of cadmium and nickel from aqueous solution.	Journal of Chili Chemical Society	1.034	62(3)	3588-3592	2017
	Do	Synthesis, Characterization, and Application Studies of Polyurethane Acrylate Thermoset Coatings: Effect of Hard Segment.	Polymer-Plastics Technology and Engineering	3.267	56	1608-1618	2017
	Do	Single step facile synthesis of super paramagnetic Iron Oxide nanoparticles for catalytic pyrolysis applications.	Digest journal of Nanomaterials and Biostructures	0.963	12	1197-1203	2017
	Do	Cu nanoparticles synthesis using biological molecule of P. granatum seeds extract as reducing and capping agent: Growth mechanism and photocatalytic activity.	International Journal of Biological Macromolecules	8.025	106	1203-1210	2018
	Do	Photo-reduction of heavy metal ions and	RSC Advances	4.036	8	20354-	2018

		photo disinfection of pathogenic bacteria under simulated solar light using photosensitized TiO ₂ nanofibers				20362	
	Do	Controlled release of Montelukast Sodium from pH-sensitive injectable hydrogels	Polymer-Plastics Technology and Engineering	3.267	58(9)	948- 956	2018
	Do	Grafting of Silica Particles with Linoleic Acid via Modified Stober' s Method for Preconcentration of Pesticides in Drinking Water	Key Engineering Materials	0.49	778	316- 324	2018
	Do	Graphene and silver decorated ZnO composite synthesis, characterization and photocatalytic activity evaluation	Diamond & Related Materials	3.315	90	26-31	2018
	Do	Novel synthesis and enhanced catalytic performance of stable nano-scale FeO , Ag ₀ and ZnO nanoparticles: photo-degradation under mercury lamp	Desalination and Water Treatment	1.234	131	212- 219	2018
	Do	Stimuli responsive biopolymer (chitosan) based blend hydrogels for wound healing application	Carbohydrate Polymers	10.72	203	423- 429	2019

	Do	Fabrication of novel carrageenan based stimuli-responsive injectable hydrogels for controlled release of cephadrine	RSC Advances	4.036	9	12282-12290	2019
	Do	Hydrothermal synthesis of zinc doped nickel ferrites: evaluation of structural, magnetic and dielectric properties	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	233	1411-1430	2019
	Do	Lead remediation using smart materials: a review	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	233	1377-1409	2019
	Do	Structural , dielectric and magnetic studies of Pervoskite [$Gd_{1-x}M_xCrO_3$ (M=La, Co, Bi)] Nanoparticles, photocatalytic degradation of dyes	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	233	1431-1445	2019
	Do	Effect of Fe and Bi doping on $LaCoO_3$ structural, magnetic, electric and	Journal of Materials Research and Technology	6.267	8(5)	4831-4842	2019

		catalytic properties					
	Do	Impact of soft segmentsize on physio-chemical and antimicrobial properties of waterborne polyurethane dispersions for textile applications	Progress in Organic Coatings	5.161	133	174-179	2019
	Do	First-Principle simulations of XIn_2S_4 ($X=Zn, Cd$) thiospinels for energy harvesting devices	Chemical Physics Letters	2.328	723	44-50	2019
	Do	Synthesis and Characterization of ZnO Nanorods as an Adsorbent for Cr (VI) Sequestration	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	233	995-1017	2019
	Do	Recent developments in the synthesis and stability of metal ferrite nanoparticles	Science Progress	1.44	102	61-72	2019
	Do	Structural and Optical Properties of Multilayer heterostructure of CdTe/CdSe Thin Films	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	233	1215-1231	2019
	Do	Biodegradation of synthetic orange G dye	Biocatalysis and Agricultural	3.281	22	101420	2019

		by Pleurotus sojar-caju with Punica granatum peel as natural mediator	Biotechnology				
	Do	Green Synthesis of Iron oxide nanoparticles using pomegranate seeds extract and photocatalytic activity evaluation for the degradation of textile dye	Journal of Materials Research and Technology	6.267	8(6)	6115-6124	2019
57	Do	Evaluation studies for the eradication of lead ions from aqueous system using <i>Salvadora persica</i> as a potential biosorbent material	Journal of Applied Agriculture and Biotechnology	0.2	3(1)	53-61	2019
58	Do	Kinetics and controlled release of lidocaine from novel carrageenan and alginate-based blend hydrogels	International Journal of Biological Macromolecules	8.025	147	67-78	2020
59	Do	Loading of Cefixime to pH sensitive chitosan based hydrogel and investigation of controlled release kinetics	International Journal of Biological Macromolecules	8.025	155	1236-1244	2020
60	Do	Effect of Hydrothermal Reaction Time on Electrical, Structural and Magnetic Properties of Cobalt Ferrite	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	234(2)	323-353	2020

61	Do	A new approach of photocatalytic degradation of remazol brilliant blue by environment friendly fabricated zinc oxide nanoparticle	International Journal of Environmental Science and Technology	2.86	17	1765-1772	2020
62	Do	Stability-indicating HPLC-DAD assay for simultaneous quantification of hydrocortisone 21 acetate, dexamethasone, and fluocinolone acetonide in cosmetics	Open Chemistry	1.977	18	962-973	2020
63	Do	A novel molecular imprinted polymer layer electrode for enhanced sensitivity electrochemical determination of the antidepressant fluoxetine	Journal of Electroanalytical Chemistry	4.464	878	1-8	2020
64	Do	Gd and Co-substituted LaNiO_3 and their nanocomposites with r-GO for photocatalytic applications	Diamond and related materials	3.315	110	108119	2020
65	Do	Micro-emulsion synthesis of $\text{La}_{1-x}\text{Cr}_x\text{FeO}_3$ nanoparticles: effect of Cr doping on ferroelectric, dielectric and photocatalytic properties	International Journal of Chemical Reactor Engineering	1.51	18	10-11	2020
66	Do	Synthesis of $\text{La}_{1-x}\text{Co}_x\text{Fe}_{1-y}\text{Cr}_y\text{O}_3$ nano crystallites for enhanced ferroelectric, magnetic	Journal of Materials Research and		9	12031-12042	2020

		and photocatalytic properties	Technology	6.267			
67	Do	Synthesis and characterization of NiFe ₂ O ₄ ferrite: Sol– gel and hydrothermal synthesis routes effect on magnetic, structural and dielectric characteristics	Materials Chemistry and Physics	4.094	258	123888	2021
68	Do	Effect of dopant on ferroelectric, dielectric and photocatalytic properties of chromium-doped cobalt perovskite prepared via micro-emulsion route	Results in Physics	4.62	20	103726	2021
69	Do	Cationic distribution of nickel doped Ni _x Co _{x-1} Fe ₂ O ₄ nanoparticles prepared by hydrothermal approach: Effect of doping on dielectric properties	<u>Materials Chemistry and Physics</u>	4.094	264	124451	2021
70	Do	Graphene oxide nanocomposite with Co and Fe doped LaCrO ₃ perovskite active under solar light irradiation for the enhanced degradation of crystal violet dye	Journal of Molecular Liquids	6.165	322	114895	2021
71	Do	The effect of temperature on the structural, dielectric and magnetic properties of cobaltferrites synthesized via hydrothermal method	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical	4.315	235(10)	1279-1296	2021

			Chemistry and Chemical Physics OR Z. Phys. Chem.				
72	Do	Synthesis and characterization of magnetically separable $\text{La}_{1-x}\text{Bi}_x\text{Cr}_{1-y}\text{Fe}_y\text{O}_3$ and photocatalytic activity evaluation under visible light	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	235 (11)	1413-1431	2021
73	Do	Ferroelectric, dielectric, magnetic, structural and photocatalytic properties of Co and Fe doped LaCrO_3 perovskite synthesized via micro-emulsion route	Ceramics International	4.527	47(12)	16696-16707	2021
74	Do	Fe_3O_4 /graphene oxide/ $\text{Fe}_4[\text{Fe}(\text{CN})_6]_3$ nanocomposite for high performance electromagnetic interference shielding	Ceramics International	4.527	47	11587 – 11595	2021
75	Do	Hydrothermal route for the synthesis of manganese ferrite nanoparticles and photocatalytic activity evaluation for the degradation of methylene blue dye	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	235(11)	1433-1445	2021
76	Do	Band gap tuning of $\text{BaFe}_{12}\text{O}_{19}$ with Mg and Mn doping	International Journal of Energy Research	5.164	45 (7)	11193–11205	2021

		to enhance solar light absorption for photocatalytic application					
77	Do	Micro-emulsion approach for the fabrication of La _{1-x} Gd _x Cr _{1-y} Fe _y O ₃ : Magnetic, dielectric and photocatalytic activity evaluation under visible light irradiation	Results in Physics	4.62	23	104023	2021
78	Do	Structural, electrochemical and photocatalytic properties of zinc doped Co _{1-x} Zn _{1.5x} FeO ₃ perovskites prepared by auto combustion sol-gel approach	Results in Physics	4.62	26	104392	2021
79	Do	Cobalt doping of nickel ferrites via sol gel approach: effect of doping on the structural and dielectric properties	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	235 (12)	1811-1829	2021
80	Do	Energy band gap tuning of LaNiO ₃ by Gd, Fe and Co ions doping to enhance solar light absorption for efficient photocatalytic degradation of RhB dye: A mechanistic approach	<i><u>Journal of Molecular Liquids</u></i>	6.165	343	117581	2021
81	Do	Aluminum nanoparticles, chitosan, acrylic acid and	<i><u>Surfaces and Interfaces</u></i>	4.837	25	101285	2021

		vinyltrimethoxysilane based hybrid hydrogel as a remarkable water super-absorbent and antimicrobial activity					
82	Do	Ce and Fe doped LaNiO ₃ synthesized by micro-emulsion route: Effect of doping on visible light absorption for photocatalytic application	Materials Research Express	1.941	8(8)	085009	2021
83	Do	The electrochemical, dielectric, and ferroelectric properties of Gd and Fe doped LaNiO ₃ with an efficient solar-light driven catalytic activity to oxidize malachite green dye	Journal of Colloid and Interface Science	9.965	607	568-583	2022
84	Do	Highly photosensitized Mg₄ Si₆O₁₅ (OH) 2·6H₂O@ guar gum nanofibers for the removal of methylene blue under solar light irradiation	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	236 (2)	181-196	2022
85	Do	Magnetite/graphene oxide/Prussian blue composite with robust effectiveness for electromagnetic interference shielding	Ceramics International	4.527	48 (2)	1690-1698	2022

86	Do	Kinetics of methylene blue dye adsorptive removal using halloysite nanocomposite hydrogels	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	236 (3)	373-385	2022
87	Do	Effect of dopant on ferroelectric, dielectric and photocatalytic properties of Co– La-doped dysprosium chromite prepared via microemulsion route	<u><i>Ceramics International</i></u>	4.527	48 (21)	31763-31772	2022
88	Do	<u>Size controlled synthesis of silver nanoparticles: a comparison of modified Turkevich and BRUST methods</u>	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	236 (9)	1173-1189	2022
89	Do	<u>Investigation of electrochemical reduction and monitoring of p-nitrophenol on imprinted polymer modified electrode</u>	Synthetic Metals	4	287	117083	2022
90	Do	Yttrium and Cobalt doped LaNiO₃ nanoparticles synthesis and solar light driven photocatalytic removal of Rhodamine B	<u><i>Materials Research Bulletin</i></u>	5.6	<u>159</u>	112112	2023

91	Do	Solar light-based photocatalytic removal of CV and RhB dyes using Bi and Al doped SrFe₁₂O₁₉NPs and antibacterial properties	<i><u>Journal of Industrial and Engineering Chemistry</u></i>	6.76	118	469-482	2023
92	Do	Cationic distributions and dielectric properties of magnesium ferrites fabricated by sol-gel route and photocatalytic activity evaluation	Zeitschrift für Physikalische Chemie OR International Journal of Research in Physical Chemistry and Chemical Physics OR Z. Phys. Chem.	4.315	237(1-2)	67-86	2023
93	Do	Barium and strontium doped La-based perovskite synthesis via sol-gel route and photocatalytic activity evaluation for methylene blue	Results in Physics	4.565	45	106235	2023
94	Do	Adsorption Thermodynamics, Modeling, and Kinetics Studies for the Removal of Lead Ions Using ZnO Nanorods	Adsorption Science & Technology	2.9	2023	10	2023
95	Do	Zn/Mn co- doped NiO synthesized by sol- gel route for the photocatalytic degradation of methylene blue dye	ChemistrySelect	2.1	08	10	2023