

Munawar Iqbal

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1145973/munawar-iqbal-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

428
papers

11,456
citations

54
h-index

90
g-index

496
ext. papers

14,721
ext. citations

3.7
avg, IF

7.22
L-index

#	Paper	IF	Citations
428	Cobalt-doped molecular sieve for efficient degradation of polypropylene into fuel oil: Kinetics and fuel properties of the oil. <i>Chemical Engineering Research and Design</i> , 2022 , 177, 751-758	5.5	0
427	Solar-light-driven photocatalytic performance of Cr and Co doped Sr _{1-x} Co _x Fe _{12-y} Cr _y O ₁₉ and effect of doping on optical, structural and dielectric properties. <i>Optical Materials</i> , 2022 , 124, 111961	3.3	2
426	Band gap tuning by Gd and Fe doping of LaNiO ₃ to boost solar light harvesting for photocatalytic application: A mechanistic approach. <i>Optical Materials</i> , 2022 , 124, 111962	3.3	0
425	Graphene oxide (GO) nanocomposite with Gd and Fe doped LaNiO ₃ and their photocatalyst efficacy for methyl green oxidation under visible light exposure. <i>Diamond and Related Materials</i> , 2022 , 124, 108894	3.5	0
424	Green synthesis of Iron (Fe) nanoparticles using Plumeria obtusa extract as a reducing and stabilizing agent: Antimicrobial, antioxidant and biocompatibility studies. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103764	5.9	0
423	Chitosan-polyvinyl alcohol membranes with improved antibacterial properties contained extract as a robust wound healing agent. <i>Arabian Journal of Chemistry</i> , 2022 , 103766	5.9	3
422	Zn and Mn doped Ba _{1-x} Zn _x Fe _{12-y} Mn _y O ₁₉ as highly photoactive under visible light with enhanced electrochemical and dielectric properties. <i>Materials Science in Semiconductor Processing</i> , 2022 , 139, 106324	4.3	0
421	Dye removal from aqueous solution using nanocomposite synthesized from oxalic acid-modified agricultural solid waste and ZnFe ₂ O ₄ nanoparticles. <i>Nanotechnology for Environmental Engineering</i> , 2022 , 7, 1	5.1	0
420	The electrochemical, dielectric, and ferroelectric properties of Gd and Fe doped LaNiO with an efficient solar-light driven catalytic activity to oxidize malachite green dye. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 568-583	9.3	6
419	HPMC crosslinked chitosan/hydroxyapatite scaffolds containing Lemongrass oil for potential bone tissue engineering applications. <i>Arabian Journal of Chemistry</i> , 2022 , 103850	5.9	3
418	Energy band gap tuning of Ba _{1-x} Zn _x Fe _{12-y} Cr _y O ₁₉ doped with Cr and Zn ions to enhance the optical, dielectric, ferroelectric, and photocatalytic properties. <i>Optical Materials</i> , 2022 , 125, 112090	3.3	0
417	Improving the Structural, Optical and Photovoltaic Properties of Sb- and Bi- Co-Doped MAPbBr ₃ Perovskite Solar Cell. <i>Coatings</i> , 2022 , 12, 386	2.9	0
416	Kinetics of acid blue 40 dye degradation under solar light in the presence of CuO nanoparticles synthesized using Citrullus lanatus seeds extract. <i>Zeitschrift Fur Physikalische Chemie</i> , 2022 , 236, 583-594	3.1	1
415	Superconducting properties of YBCO bulk co-embedded by nano-BaTiO ₃ and WO ₃ particles. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	0
414	Remediation of pesticides using TiO based photocatalytic strategies: A review.. <i>Chemosphere</i> , 2022 , 134525	5.25	3
413	Ethnomedicinal uses of plants for various diseases in the remote areas of Changa Manga Forest, Pakistan.. <i>Brazilian Journal of Biology</i> , 2022 , 84, e255916	1.5	
412	Investigation of electrochemical reduction and monitoring of p-nitrophenol on imprinted polymer modified electrode. <i>Synthetic Metals</i> , 2022 , 287, 117083	3.6	0

411	Biodiesel Production from Alkali-Catalyzed Transesterification of Tamarindus indica Seed Oil and Optimization of Process Conditions. <i>Molecules</i> , 2022 , 27, 3230	4.8	3
410	SnO ₂ /UV/H ₂ O ₂ and TiO ₂ /UV/H ₂ O ₂ Efficiency for the Degradation of Reactive Yellow 160A: By-Product Distribution, Cytotoxicity and Mutagenicity Evaluation. <i>Catalysts</i> , 2022 , 12, 553	4	0
409	Coagulation of Metallic Pollutants from Wastewater Using a Variety of Coagulants Based on Metal Binding Interaction Studies. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 467-481	3.1	10
408	Synthesis and characterization of heterostructured nanoparticle for efficient photocatalytic performance for dye degradation. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1209-1226	3.1	2
407	Kinetic and equilibrium study of (poly amido amine) PAMAM dendrimers for the removal of chromium from tannery wastewater. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1027-1039	3.1	9
406	ZnO, CuO and Fe ₂ O ₃ green synthesis for the adsorptive removal of direct golden yellow dye adsorption: kinetics, equilibrium and thermodynamics studies. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1055-1075	3.1	12
405	Experimental modeling, optimization and comparison of coagulants for removal of metallic pollutants from wastewater. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1041-1053	3.1	7
404	Kinetic and thermodynamic studies for evaluation of adsorption capacity of fungal dead biomass for direct dye. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1077-1097	3.1	6
403	Sustainable Ethanol Production: An Overview 2021 , 1-14		
402	Integrated hydrothermal assisted green synthesis of ZnO nano discs and their water purification efficiency. <i>Journal of Materials Research and Technology</i> , 2021 , 15, 6901-6901	5.5	3
401	Oxidative degradation of erythromycin using calcium carbonate under UV and solar light irradiation: Condition optimized by response surface methodology. <i>Journal of Water Process Engineering</i> , 2021 , 44, 102433	6.7	1
400	Kinetics, equilibrium and thermodynamics of dyes adsorption onto modified chitosan: a review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 1499-1538	3.1	2
399	Biochemical Stress Markers, Antioxidants, and Infectious Wound-Healing Potential of UV Irradiation and Salt Stress Effects on the Pre-Treated Seed of Bitter Melon (L.). <i>Dose-Response</i> , 2021 , 19, 15593258211044062	2.3	10
398	Production of fuel oil and combustible gases from pyrolysis of polystyrene waste: Kinetics and thermodynamics interpretation. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101996	7	1
397	Indonesian Kesambi wood (<i>Schleichera oleosa</i>) activated with pyrolysis and H ₂ SO ₄ combination methods to produce mesoporous activated carbon for Pb(II) adsorption from aqueous solution. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101997	7	8
396	Investigations the structural, optical and photovoltaic properties of La doped TiO ₂ photoanode based dye sensitized solar cells. <i>Optical Materials</i> , 2021 , 122, 111610	3.3	4
395	Structural, electric and dielectric properties of perovskite based nanoparticles for energy applications. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 769-784	3.1	3
394	Band gap tuning of BaFe ₁₂ O ₁₉ with Mg and Mn doping to enhance solar light absorption for photocatalytic application. <i>International Journal of Energy Research</i> , 2021 , 45, 11193-11205	4.5	3

393	Synthesis of Cu-doped MgO and its enhanced photocatalytic activity for the solar-driven degradation of disperse red F3BS with condition optimization. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	5
392	Kinetics and Equilibrium of Radioactive Metal Adsorption onto Sugarcane Bagasse Waste: Comparison of Batch and Column Adsorption Modes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 281-294	3.1	1
391	Enhanced mechanical, UV protection and antimicrobial properties of cotton fabric employing nanochitosan and polyurethane based finishing. <i>Journal of Materials Research and Technology</i> , 2021 , 11, 946-956	5.5	13
390	Graphene oxide nanocomposite with CuSe and photocatalytic removal of methyl green dye under visible light irradiation. <i>Diamond and Related Materials</i> , 2021 , 113, 108254	3.5	11
389	Investigation of optical and thermoelectric properties of PbTiO ₃ under pressure. <i>Physica B: Condensed Matter</i> , 2021 , 615, 412857	2.8	2
388	Micro-emulsion approach for the fabrication of La _{1-x} Gd _x Cr _{1-y} FeyO ₃ : Magnetic, dielectric and photocatalytic activity evaluation under visible light irradiation. <i>Results in Physics</i> , 2021 , 23, 104023	3.7	9
387	Fe ₃ O ₄ /graphene oxide/Fe ₄ [Fe(CN) ₆] ₃ nanocomposite for high performance electromagnetic interference shielding. <i>Ceramics International</i> , 2021 , 47, 11587-11595	5.1	9
386	Cobalt doping of nickel ferrites via sol gel approach: effect of doping on the structural and dielectric properties. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	4
385	Preparation and characterization of guar gum based biopolymeric hydrogels for controlled release of antihypertensive drug. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103111	5.9	14
384	Eco-benign approach to produce biodiesel from neem oil using heterogeneous nano-catalysts and process optimization. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101430	7	14
383	Cationic distribution of nickel doped Ni _x Co _{1-x} Fe ₂ O ₄ nanoparticles prepared by hydrothermal approach: Effect of doping on dielectric properties. <i>Materials Chemistry and Physics</i> , 2021 , 264, 124451	4.4	10
382	Chitin nanofibers trigger membrane bound defense signaling and induce elicitor activity in plants. <i>International Journal of Biological Macromolecules</i> , 2021 , 178, 253-262	7.9	5
381	Effect of silver (Ag) ions irradiation on the structural, optical and photovoltaic properties of Mn doped TiO ₂ thin films based dye sensitized solar cells. <i>Ceramics International</i> , 2021 , 47, 15801-15806	5.1	7
380	State of the art of gold (Au) nanoparticles synthesis via green routes and applications: A review. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021 , 16, 100511	3.3	0
379	Microalgae biosorption, bioaccumulation and biodegradation efficiency for the remediation of wastewater and carbon dioxide mitigation: Prospects, challenges and opportunities. <i>Journal of Water Process Engineering</i> , 2021 , 41, 102009	6.7	33
378	Enhanced antibacterial activity of chitosan, guar gum and polyvinyl alcohol blend matrix loaded with amoxicillin and doxycycline hyclate drugs. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103156	5.9	6
377	Ferroelectric, dielectric, magnetic, structural and photocatalytic properties of Co and Fe doped LaCrO ₃ perovskite synthesized via micro-emulsion route. <i>Ceramics International</i> , 2021 , 47, 16696-16707	5.1	13
376	Kinetics of pyrolysis of sugarcane bagasse: effect of catalyst on activation energy and yield of pyrolysis products. <i>Cellulose</i> , 2021 , 28, 7593-7607	5.5	6

375	Synthesis of a novel nanocomposite based on date stones/CuFe ₂ O ₄ nanoparticles for eliminating cationic and anionic dyes from aqueous solution. <i>International Journal of Environmental Studies</i> , 2021 , 1-19	1.8	8
374	Pressure induced electronic, optical and thermoelectric properties of cubic SrZrO ₃ : DFT investigation. <i>Physica B: Condensed Matter</i> , 2021 , 612, 412626	2.8	3
373	Structural, electronic, half metallic ferromagnetic and optical properties of cubic MAIO ₃ (M=Ce, Pr) perovskites: A DFT study. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 154, 110084	3.9	13
372	Structural, electrochemical and photocatalytic properties of zinc doped Co _{1-x} Zn _{1.5x} FeO ₃ perovskites prepared by auto combustion sol-gel approach. <i>Results in Physics</i> , 2021 , 26, 104392	3.7	3
371	Sodium alginate blended membrane with polyurethane: Desalination performance and antimicrobial activity evaluation. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 72-81	7.9	8
370	SiO ₂ -KHSO ₄ catalyst based rapid synthesis of structurally modified bis(3-indolyl)methanes via N-substituted indole. <i>Inorganic Chemistry Communication</i> , 2021 , 129, 108620	3.1	1
369	Synthesis and characterization of NiFe ₂ O ₄ ferrite: Sol-gel and hydrothermal synthesis routes effect on magnetic, structural and dielectric characteristics. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123888	4.4	20
368	Microalgae an ecofriendly and sustainable wastewater treatment option: Biomass application in biofuel and bio-fertilizer production. A review. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 137, 110603	16.2	76
367	Effect of dopant on ferroelectric, dielectric and photocatalytic properties of chromium-doped cobalt perovskite prepared via micro-emulsion route. <i>Results in Physics</i> , 2021 , 20, 103726	3.7	8
366	La _{1-x} Gd _x Cr _{1-y} Ni _y O ₃ perovskite nanoparticles synthesis by micro-emulsion route: Dielectric, magnetic and photocatalytic properties evaluation. <i>Ceramics International</i> , 2021 , 47, 5822-5831	5.1	14
365	Graphene oxide nanocomposite with Co and Fe doped LaCrO ₃ perovskite active under solar light irradiation for the enhanced degradation of crystal violet dye. <i>Journal of Molecular Liquids</i> , 2021 , 322, 114895	6	31
364	Structural and optical properties of Ti and Cu co-doped ZnO thin films for photovoltaic applications of dye sensitized solar cells. <i>International Journal of Energy Research</i> , 2021 , 45, 2445-2459	4.5	14
363	Charcoal Prepared from Bougainvillea spectabilis Leaves as Low Cost Adsorbent: Kinetic and Equilibrium Studies for Removal of Iron from Aqueous Solution. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 , 235, 265-279	3.1	9
362	Visible-light-driven photocatalytic efficiency of Co- and Gd-doped LaNiO ₃ and effect of doping on photochemical, electrochemical, and ferroelectric properties. <i>International Journal of Energy Research</i> , 2021 , 45, 8971-8991	4.5	3
361	The effect of temperature on the structural, dielectric and magnetic properties of cobalt ferrites synthesized via hydrothermal method. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	5
360	Kinetics, equilibrium and thermodynamics of dyes adsorption onto modified chitosan: a review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	4
359	Hetero-functional azo reactive dyes applied on cellulosic fabric and dyeing conditions optimization to enhance the dyeing properties. <i>Journal of Engineered Fibers and Fabrics</i> , 2021 , 16, 155892502199671	0.9	3
358	Synthesis and characterization of magnetically separable La _{1-x} BixCr _{1-y} FeyO ₃ and photocatalytic activity evaluation under visible light. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	4

357	Hydrothermal route for the synthesis of manganese ferrite nanoparticles and photocatalytic activity evaluation for the degradation of methylene blue dye. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	5
356	Phase transition and thermoelectric properties of cubic KNbO ₃ under pressure: DFT approach. <i>Journal of Materials Research and Technology</i> , 2021 , 11, 2106-2113	5.5	10
355	Kinetic study of the pyrolysis of polypropylene over natural clay. <i>Journal of Polymer Engineering</i> , 2021 , 41, 646-653	1.4	1
354	Cellulosic biomass biocomposites with polyaniline, polypyrrole and sodium alginate: Insecticide adsorption-desorption, equilibrium and kinetics studies. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103227	5.9	6
353	Versatility and effectiveness of the commercial composts for ecological restoration of heavy metal contaminated soil for sunflower crop. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 34, 102025	4.2	2
352	Desorption of crystal violet from alkali-treated agricultural material waste: an experimental study, kinetic, equilibrium and thermodynamic modeling. <i>Pigment and Resin Technology</i> , 2021 , ahead-of-print,	1	1
351	Progress on CEPC 650 MHz klystron. <i>International Journal of Modern Physics A</i> , 2021 , 36, 2142011	1.2	1
350	Aluminum nanoparticles, chitosan, acrylic acid and vinyltrimethoxysilane based hybrid hydrogel as a remarkable water super-absorbent and antimicrobial activity. <i>Surfaces and Interfaces</i> , 2021 , 25, 101285	4.1	3
349	Ce and Fe doped LaNiO ₃ synthesized by micro-emulsion route: Effect of doping on visible light absorption for photocatalytic application. <i>Materials Research Express</i> , 2021 , 8, 085009	1.7	2
348	Sodium alginate and polypyrrole composites with algal dead biomass for the adsorption of Congo red dye: Kinetics, thermodynamics and desorption studies. <i>Surfaces and Interfaces</i> , 2021 , 25, 101183	4.1	18
347	Pressure induced electronic, optical and thermoelectric properties of cubic BaZrO ₃ : A first principle calculations. <i>Optik</i> , 2021 , 239, 166694	2.5	4
346	Eco-benign biodiesel production from waste cooking oil using eggshell derived MM-CaO catalyst and condition optimization using RSM approach. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103263	5.9	8
345	Zinc oxide nanoparticles fabrication using Eriobotrya japonica leaves extract: Photocatalytic performance and antibacterial activity evaluation. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103251	5.9	9
344	Evaluation of magnetic material IIP@GO-Fe ₃ O ₄ based on Kesambi wood (<i>Schleichera oleosa</i>) as a potential adsorbent for the removal of Cr(VI) from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2021 , 166, 105000	4.6	21
343	Bionanocomposite of Au decorated MnO ₂ via in situ green synthesis route and antimicrobial activity evaluation. <i>Arabian Journal of Chemistry</i> , 2021 , 103415	5.9	5
342	Study on the addition of SiO ₂ nanowires to BaTiO ₃ : Structure, morphology, electrical and dielectric properties. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 156, 110183	3.9	11
341	Graphene oxide and Fe ₃ O ₄ composite synthesis, characterization and adsorption efficiency evaluation for NO ₃ ⁻ and PO ₄ ³⁻ ions in aqueous medium. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116746 ⁶		7
340	Design, simulation and analysis of beam optics and solenoid of high-power gun for RF power source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021 , 1014, 165703	1.2	1

339	Physical characteristics of NaTaO ₃ Under pressure for electronic devices. <i>Materials Science in Semiconductor Processing</i> , 2021 , 133, 105976	4.3	2
338	Template free zinc vanadate flower synthesis, characterization and efficiency for cetirizine-dihydrochloride degradation under UV light irradiation. <i>Materials Chemistry and Physics</i> , 2021 , 272, 124968	4.4	4
337	Effect of doping on dielectric and optical properties of barium hexaferrite: Photocatalytic performance under solar light irradiation. <i>Ceramics International</i> , 2021 , 47, 31518-31526	5.1	5
336	YBCO superconductor added with one-dimensional TiO ₂ nanostructures: Frequency dependencies of AC susceptibility, FC-ZFC magnetization, and pseudo-gap studies. <i>Journal of Alloys and Compounds</i> , 2021 , 883, 160887	5.7	0
335	Composite of polypyrrole with sugarcane bagasse cellulosic biomass and adsorption efficiency for 2,4-dichlorophenoxy acetic acid in column mode. <i>Journal of Materials Research and Technology</i> , 2021 , 15, 2016-2025	5.5	3
334	Effect of Ce doping on the structural, optical, and photovoltaic properties of TiO ₂ based dye-sensitized solar cells. <i>Materials Chemistry and Physics</i> , 2021 , 274, 125177	4.4	4
333	Green synthesis of biodegradable polyurethane and castor oil-based composite for benign transformation of methylene blue. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103417	5.9	0
332	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>Journal of Molecular Liquids</i> , 2021 , 343, 117581	6	4
331	Improved photovoltaic properties of dye sensitized solar cell by irradiations of Ni ²⁺ ions on Ag-doped TiO ₂ photoanode. <i>International Journal of Energy Research</i> , 2021 , 45, 9685-9693	4.5	1
330	Anti-hyperglycemic and anti-hyperlipidemic effects of a methanolic extract of <i>Debregeasia salicifolia</i> in Alloxan-induced diabetic albino mice.. <i>Brazilian Journal of Biology</i> , 2021 , 84, e251046	1.5	
329	Biocomposite of polyaniline and sodium alginate with <i>Oscillatoria</i> biomass: a potential adsorbent for the removal of basic blue 41. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 14729-14741	5.5	20
328	A DFT study of structural, magnetic, elastic and optoelectronic properties of lanthanide based XAlO ₃ (X=Nd, Gd) compounds. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 16488-16496	5.5	16
327	Magnetic behavior of Ga doped yttrium iron garnet ferrite thin films deposited by sol-gel technique. <i>Ceramics International</i> , 2020 , 46, 27318-27325	5.1	5
326	The adsorption of Cr(VI) from water samples using graphene oxide-magnetic (GO-Fe ₃ O ₄) synthesized from natural cellulose-based graphite (kusambi wood or <i>Schleichera oleosa</i>): Study of kinetics, isotherms and thermodynamics. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 6544-6556	5.5	57
325	Structural, morphological, optical, and photocatalytic properties of Ag-doped MoS ₂ nanoparticles. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128735	3.4	15
324	Biocomposite of sodium-alginate with acidified clay for wastewater treatment: Kinetic, equilibrium and thermodynamic studies. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 1272-1285	7.9	53
323	Green versus sol-gel synthesis of ZnO nanoparticles and antimicrobial activity evaluation against panel of pathogens. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 7817-7827	5.5	43
322	Structural, electrical and mechanical behavior evaluation of palladium doped diamond like carbon thin films. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 8289-8295	5.5	3

321	Iron oxide (Fe ₂ O ₃) prepared via green route and adsorption efficiency evaluation for an anionic dye: kinetics, isotherms and thermodynamics studies. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 4206-4217	5.5	30
320	Fe/ZnO@ceramic fabrication for the enhanced photocatalytic performance under solar light irradiation for dye degradation. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 4218-4229	5.5	19
319	Microwave-Assisted Extraction and Dyeing of Cotton Fabric with Mixed Natural Dye from Pomegranate Rind (<i>Punica Granatum L.</i>) and Turmeric Rhizome (<i>Curcuma Longa L.</i>). <i>Journal of Natural Fibers</i> , 2020 , 1-8	1.8	13
318	Pyrolysis of polystyrene waste for recovery of combustible hydrocarbons using copper oxide as catalyst. <i>Waste Management and Research</i> , 2020 , 38, 1269-1277	4	10
317	Biogenic and eco-benign synthesis of platinum nanoparticles (Pt NPs) using plants aqueous extracts and biological derivatives: environmental, biological and catalytic applications. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 9093-9107	5.5	35
316	Green synthesis, characterization and photocatalytic applications of silver nanoparticles using <i>Diospyros lotus</i> . <i>Green Processing and Synthesis</i> , 2020 , 9, 87-96	3.9	28
315	Synthesis, characterization and photocatalytic performance of iron molybdate (Fe ₂ (MoO ₄) ₃) for the degradation of endosulfan pesticide. <i>Materials Research Express</i> , 2020 , 7, 035016	1.7	10
314	Biocomposites of polypyrrole, polyaniline and sodium alginate with cellulosic biomass: Adsorption-desorption, kinetics and thermodynamic studies for the removal of 2,4-dichlorophenol. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 146-157	7.9	49
313	Efficient removal of dyes using carboxymethyl cellulose/alginate/polyvinyl alcohol/rice husk composite: Adsorption/desorption, kinetics and recycling studies. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 861-870	7.9	125
312	Microwave assisted synthesis of zinc vanadate nanoparticles and photocatalytic application. <i>Materials Research Express</i> , 2020 , 7, 015070	1.7	8
311	Polypyrrole, polyaniline and sodium alginate biocomposites and adsorption-desorption efficiency for imidacloprid insecticide. <i>International Journal of Biological Macromolecules</i> , 2020 , 147, 217-232	7.9	50
310	Development of new organic-inorganic, hybrid bionanocomposite from cellulose and clay for enhanced removal of Drimarine Yellow HF-3GL dye. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 1059-1071	7.9	55
309	300 keV cobalt ions irradiations effect on the structural, morphological, optical and photovoltaic properties of Zn doped TiO ₂ thin films based dye sensitized solar cells. <i>Ceramics International</i> , 2020 , 46, 16813-16819	5.1	13
308	ZnO, MgO and FeO adsorption efficiencies for direct sky Blue dye: equilibrium, kinetics and thermodynamics studies. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 5881-5893	5.5	39
307	Determination of Pesticide Residue in Brinjal Sample Using HPTLC and Developing a Cost-Effective Method Alternative to HPLC. <i>Journal of Chemistry</i> , 2020 , 2020, 1-12	2.3	5
306	Green synthesis and characterization of carboxymethyl guar gum: Application in textile printing technology. <i>Green Processing and Synthesis</i> , 2020 , 9, 212-218	3.9	8
305	Hetero-structured Iron Molybdate Nanoparticles: Synthesis, Characterization and Photocatalytic Application. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	6
304	Micro-emulsion synthesis of La _{1-x} Cr _x FeO ₃ nanoparticles: effect of Cr doping on ferroelectric, dielectric and photocatalytic properties. <i>International Journal of Chemical Reactor Engineering</i> , 2020	1.2	1

303	Structural, electric and dielectric properties of perovskite based nanoparticles for energy applications. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 ,	3.1	1
302	Kinetics and equilibrium studies of copper, zinc, and nickel ions adsorptive removal on to <i>Archontophoenix alexandrae</i> : conditions optimization by RSM 2020 , 201, 289-300		11
301	Evaluation of Antioxidant Potential and Cytotoxic Behavior of Different Varieties of <i>Allium sativum</i> . <i>Polish Journal of Environmental Studies</i> , 2020 , 29, 4447-4451	2.3	2
300	UV/H ₂ O ₂ , UV/H ₂ O ₂ /SnO ₂ and Fe/H ₂ O ₂ based advanced oxidation processes for the degradation of disperse violet 63 in aqueous medium. <i>Materials Research Express</i> , 2020 , 7, 015531	1.7	12
299	Synthesis of immobilized ZnO over polyurethane and photocatalytic activity evaluation for the degradation of azo dye under UV and solar light irradiation. <i>Materials Research Express</i> , 2020 , 7, 025033	1.7	13
298	Loading of Cefixime to pH sensitive chitosan based hydrogel and investigation of controlled release kinetics. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 1236-1244	7.9	36
297	Evaluation of source, depositional environment, thermal maturity and biodegradation of organic matter from Kohat-Potwar Basin, Pakistan. <i>Petroleum Science and Technology</i> , 2020 , 38, 106-115	1.4	4
296	Kinetic Study of Degradation of Basic Turquoise Blue X-GB and Basic Blue X-GRRL using Advanced Oxidation Process. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 1803-1817	3.1	11
295	Effect of Ni doping on the structural, optical and photocatalytic activity of MoS ₂ , prepared by Hydrothermal method. <i>Materials Research Express</i> , 2020 , 7, 015061	1.7	16
294	Chitosan, starch, polyaniline and polypyrrole biocomposite with sugarcane bagasse for the efficient removal of Acid Black dye. <i>International Journal of Biological Macromolecules</i> , 2020 , 147, 439-452	7.9	115
293	Photocatalytic degradation of disperse dye Violet-26 using TiO ₂ and ZnO nanomaterials and process variable optimization. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 1119-1128	5.5	46
292	Graphene oxide supported Fe ₂ (MoO ₄) ₃ nano rods assembled round-ball fabrication via hydrothermal route and photocatalytic degradation of nonsteroidal anti-inflammatory drug. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112343	6	31
291	Gamma radiation induced degradation of anthraquinone Reactive Blue-19 dye using hydrogen peroxide as oxidizing agent. <i>Radiation Physics and Chemistry</i> , 2020 , 168, 108637	2.5	28
290	Synthesis and characterization of Zn doped WO ₃ nanoparticles: photocatalytic, antifungal and antibacterial activities evaluation. <i>Materials Research Express</i> , 2020 , 7, 015407	1.7	23
289	Synthesis and characterization of chitosan and guar gum based ternary blends with polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 546-554	7.9	46
288	Polyamidoamine (PAMAM) dendrimers synthesis, characterization and adsorptive removal of nickel ions from aqueous solution. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 498-506	5.5	39
287	Indian Mustard Brassica juncea efficiency for the accumulation, tolerance and translocation of zinc from metal contaminated soil. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 23, 101489	4.2	11
286	Facile synthesis of zero valent iron and photocatalytic application for the degradation of dyes. <i>Materials Research Express</i> , 2020 , 7, 015802	1.7	18

285	Synthesis, characterization and evaluation of swelling ratio on magnetic p53-poly(MAA-co-EGDMA)@GO-Fe ₃ O ₄ (MIP@GO-Fe ₃ O ₄)-based p53 protein and graphene oxide from kusambi wood (<i>Schleichera oleosa</i>). <i>Journal of Materials Research and Technology</i> , 2020 , 9, 11060-11068	5.5	8
284	Gamma and UV radiations induced treatment of anti-cancer methotrexate drug in aqueous medium: Effect of process variables on radiation efficiency evaluated using bioassays. <i>Applied Radiation and Isotopes</i> , 2020 , 166, 109371	1.7	3
283	Method validation for bifenthrin emulsifiable concentrate and uncertainty calculation using gas chromatographic approach. <i>Future Journal of Pharmaceutical Sciences</i> , 2020 , 6,	2.1	3
282	Gd and Co-substituted LaNiO ₃ and their nanocomposites with r-GO for photocatalytic applications. <i>Diamond and Related Materials</i> , 2020 , 110, 108119	3.5	16
281	Pyrolysis of waste tire rubber: a comparative kinetic study using different models. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-11	1.6	2
280	Synthesis of La _{1-x} Cox Fe _{1-y} CryO ₃ nano crystallites for enhanced ferroelectric, magnetic and photocatalytic properties. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 12031-12042	5.5	7
279	Application of Multifunctional Reactive Dyes on the Cotton Fabric and Conditions Optimization by Response Surface Methodology. <i>Journal of Natural Fibers</i> , 2020 , 1-13	1.8	6
278	Novel chitosan/guar gum/PVA hydrogel: Preparation, characterization and antimicrobial activity evaluation. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 499-509	7.9	26
277	Development of regression model for bacteriocin production from local isolate of <i>Lactobacillus acidophilus</i> MS1 using Box-Behnken design. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 24, 101542	4.2	10
276	High energy radiation induced degradation of reactive yellow 145 dye: A mechanistic study. <i>Radiation Physics and Chemistry</i> , 2020 , 177, 109115	2.5	4
275	Monitoring of anti-aflatoxigenic activity of medicinal plants against <i>Aspergillus flavus</i> to protect stored layer hens feed. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-12	1.8	0
274	Synthesis of Stable and Monodispersed Cobalt Nanoparticles and Their Application as Light-Driven Photocatalytic Agents for Dye Degradation 2020 , 123-150		1
273	Thermodynamic and kinetic approach of biodiesel production from waste cooking oil using nano-catalysts. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 ,	3.1	6
272	A method for determination of acetaldehyde in bottled waters and the effect of time and temperature on concentrations. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 100, 55-64	1.8	
271	Metallurgical Processing Strategies for Metals Recovery from Industrial Slags. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 201-231	3.1	19
270	Gamma Radiation and Hydrogen Peroxide Based Advanced Oxidation Process for the Degradation of Disperse Dye in Aqueous Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 279-294	3.1	20
269	Effect of Hydrothermal Reaction Time on Electrical, Structural and Magnetic Properties of Cobalt Ferrite. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 323-353	3.1	14
268	ZnO/UV/H ₂ O ₂ Based Advanced Oxidation of Disperse Red Dye. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 129-143	3.1	23

267	Decomposition Kinetics of Levofloxacin: Drug-Excipient Interaction. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 117-128	3.1	3
266	Production and characterization of organic manure from liquorice residues. <i>Information Processing in Agriculture</i> , 2020 , 7, 233-241	4.2	1
265	A novel method for the estimation of cobalt (II) in practical samples using ammonium pyrrolidine dithiocarbamate. <i>Environmental Progress and Sustainable Energy</i> , 2020 , 39, e13348	2.5	1
264	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models. <i>Waste Management and Research</i> , 2020 , 38, 202-212	4	26
263	Kinetics of the pyrolysis of cobalt-impregnated sesame stalk biomass. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 1179-1187	2.3	11
262	Improved photovoltaic performance of dye-sensitized solar cells by Au-ion implantation of titania film electrodes. <i>Results in Physics</i> , 2020 , 17, 103093	3.7	10
261	Wound healing potential of curcumin cross-linked chitosan/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 871-876	7.9	56
260	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. <i>Journal of Polymer Engineering</i> , 2019 , 39, 785-793	1.4	9
259	Pyrolysis of polypropylene over a LZ-Y52 molecular sieve: kinetics and the product distribution. <i>Iranian Polymer Journal (English Edition)</i> , 2019 , 28, 839-847	2.3	7
258	Effect of Fe and Bi doping on LaCoO ₃ structural, magnetic, electric and catalytic properties. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 4831-4842	5.5	39
257	Ethanol production from molasses: Environmental and socioeconomic prospects in Pakistan: Feasibility and economic analysis. <i>Environmental Technology and Innovation</i> , 2019 , 14, 100317	7	14
256	Double Beltrami states and loss of equilibrium in electron, positron and ion plasmas. <i>Journal of Plasma Physics</i> , 2019 , 85,	2.7	6
255	Phytomanagement of lead-contaminated soils: critical review of new trends and future prospects. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 6473-6488	3.3	23
254	Design and beam dynamics of a Transmission Electron Microscope electron gun assembly. <i>Vacuum</i> , 2019 , 165, 283-289	3.7	3
253	Green Synthesis of Metal Nanoparticles and their Applications in Different Fields: A Review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1325-1349	3.1	62
252	Graphene oxide decorated ZnWO ₄ architecture synthesis, characterization and photocatalytic activity evaluation. <i>Journal of Molecular Liquids</i> , 2019 , 285, 778-789	6	57
251	Laser ablation assisted preparation of MnO ₂ nanocolloids from waste battery cell powder: Evaluation of physico-chemical, electrical and biological properties. <i>Journal of Molecular Structure</i> , 2019 , 1191, 284-290	3.4	15
250	4-Acetamidophenol Binding Mechanism with DNA by UV-Vis and FTIR Techniques Based on Binding Energy, LUMO and HOMO Orbitals and Geometry of Molecule. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1645-1657	3.1	2

249	Fuel production from waste polystyrene via pyrolysis: Kinetics and products distribution. <i>Waste Management</i> , 2019 , 88, 236-247	8.6	56
248	A Novel Approach for Modification of Biosorbent by Silane Functionalization and its Industrial Application for Single and Multi-Component Solute System. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1603-1623	3.1	24
247	Hydrothermal Synthesis of Zinc Doped Nickel Ferrites: Evaluation of Structural, Magnetic and Dielectric Properties. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1411-1430	3.1	18
246	Effective adsorptive removal of azo dyes over spherical ZnO nanoparticles. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 713-725	5.5	117
245	Application of Godunov Type 2D Model for Simulating Sediment Flushing in a Reservoir. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 4289-4307	2.5	2
244	Decolorization of Basic Turquoise Blue X-GB and Basic Blue X-GRRL by the Fenton [®] Process and its Kinetics. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 361-373	3.1	53
243	Synthesis of fluorescent di-dansyl substituted ethoxy compound: A selective sensor for antimony and thallium metals detection. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 1576-1580	5.5	15
242	Fenton and Photo-Fenton Oxidation for the Remediation of Textile Effluents: An Experimental Study 2019 , 235-251		3
241	Formation of large-scale structures in four-component dusty plasmas. <i>Contributions To Plasma Physics</i> , 2019 , 59, e201900063	1.4	5
240	Highly efficient removal of crystal violet dye from water by MnO ₂ based nanofibrous mesh/photocatalytic process. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 5149-5159	5.5	48
239	Irradiation enhanced electric property of Palladium doped diamond like carbon thin films. <i>Materials Research Express</i> , 2019 , 6, 116447	1.7	3
238	Biodegradation of synthetic orange G dye by <i>Pleurotus sojar-caju</i> with <i>Punica granatum</i> peel as natural mediator. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 22, 101420	4.2	8
237	Statistical Modeling for the Extraction of Dye from Natural Source and Industrial Applications. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 2145-2150	2.3	20
236	Investigating the Antibacterial Activity of POMA Nanocomposites. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 4191-4198	2.3	12
235	Structural, Dielectric and Magnetic Studies of Perovskite [Gd _{1-x} M _x CrO ₃ (M = La, Co, Bi)] Nanoparticles: Photocatalytic Degradation of Dyes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1431-1445	3.1	38
234	Pyrolysis of Expanded Waste Polystyrene: Influence of Nickel-Doped Copper Oxide on Kinetics, Thermodynamics, and Product Distribution. <i>Energy & Fuels</i> , 2019 , 33, 12666-12678	4.1	24
233	Structural, morphological, electrical and optical properties of Cu doped DLC thin films. <i>Materials Research Express</i> , 2019 , 6, 126420	1.7	7
232	Green synthesis of iron oxide nanoparticles using pomegranate seeds extract and photocatalytic activity evaluation for the degradation of textile dye. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 6115-6124	5.5	109

231	Structural and Optical Properties of Multilayer Heterostructure of CdTe/CdSe Thin Films. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1215-1231	3.1	7
230	Biogenic synthesis, characterization and investigation of photocatalytic and antimicrobial activity of manganese nanoparticles synthesized from Cinnamomum verum bark extract. <i>Journal of Molecular Structure</i> , 2019 , 1179, 532-539	3.4	106
229	Confined focused sheet beam flow of a thermionic linear electron source. <i>Journal of Instrumentation</i> , 2019 , 14, P01001-P01001	1	
228	Kinetics and Equilibrium Studies of Eriobotrya Japonica: A Novel Adsorbent Preparation for Dyes Sequestration. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1469-1484	3.1	27
227	Lead Remediation Using Smart Materials. A Review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1377-1409	3.1	25
226	Preparation and characterization of chitosan/clay composite for direct Rose FRN dye removal from aqueous media: comparison of linear and non-linear regression methods. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 1161-1174	5.5	80
225	Adsorption efficiency of Pitpapa biomass under single and binary metal systems. <i>Surfaces and Interfaces</i> , 2019 , 14, 138-145	4.1	8
224	Synthesis and Characterization of ZnO Nanorods as an Adsorbent for Cr(VI) Sequestration. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 995-1017	3.1	17
223	Synthesis and characterization of SiO ₂ doped Fe ₂ O ₃ nanoparticles: Photocatalytic and antimicrobial activity evaluation. <i>Journal of Molecular Structure</i> , 2019 , 1180, 244-250	3.4	26
222	The utilization of leaf-based adsorbents for dyes removal: A review. <i>Journal of Molecular Liquids</i> , 2019 , 276, 728-747	6	188
221	Planning of Hydraulic Flushing Schedule for Prolonging the Life of a Hydropower Plant. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019 , 43, 487-501	1.1	1
220	Efficiency of immobilized Zea mays biomass for the adsorption of chromium from simulated media and tannery wastewater. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 75-86	5.5	27
219	Vibrio fischeri bioluminescence inhibition assay for ecotoxicity assessment: A review. <i>Science of the Total Environment</i> , 2018 , 626, 1295-1309	10.2	307
218	A green approach for the removal of Sr(II) from aqueous media: Kinetics, isotherms and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2018 , 257, 164-172	6	43
217	Phytochemical and cytotoxic evaluation of Medicago monantha: In vivo protective potential in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 1052-1063	7.5	8
216	Friedel-Crafts reactions in aqueous media and their synthetic applications. <i>Journal of Molecular Liquids</i> , 2018 , 255, 26-42	6	14
215	Eco-friendly synthesis of pyrimidines and its derivatives: A review on broad spectrum bioactive moiety with huge therapeutic profile. <i>Synthetic Communications</i> , 2018 , 48, 601-625	1.7	19
214	Dyes adsorption using clay and modified clay: A review. <i>Journal of Molecular Liquids</i> , 2018 , 256, 395-407	6	405

213	Mixed microalgae consortia growth under higher concentration of CO from unfiltered coal fired flue gas: Fatty acid profiling and biodiesel production. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 179, 126-133	6.7	45
212	Zn-doped SiO nanoparticles preparation and characterization under the effect of various solvents: Antibacterial, antifungal and photocatalytic performance evaluation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 185, 176-183	6.7	63
211	Influence of different solvents on portrayal and photocatalytic activity of tin-doped zinc oxide nanoparticles. <i>Journal of Molecular Liquids</i> , 2018 , 260, 272-278	6	61
210	Comparative Study of Kinetics of the Thermal Decomposition of Polypropylene Using Different Methods. <i>Advances in Polymer Technology</i> , 2018 , 37, 1168-1175	1.9	15
209	Thermal decomposition study of polyvinyl chloride in the presence of commercially available oxides catalysts. <i>Advances in Polymer Technology</i> , 2018 , 37, 2336-2343	1.9	10
208	Microwave Assisted Modulation of Vat Dyeing of Cellulosic Fiber: Improvement in Color Characteristics. <i>Journal of Natural Fibers</i> , 2018 , 15, 517-526	1.8	19
207	Cu nanoparticles synthesis using biological molecule of P. granatum seeds extract as reducing and capping agent: Growth mechanism and photo-catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 1203-1210	7.9	103
206	Electricity generation from biogas of poultry waste: An assessment of potential and feasibility in Pakistan. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 81, 1241-1246	16.2	53
205	Synthesis, quality control, and bio-evaluation of Tc-cyclophosphamide. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 456-462	2.9	8
204	Influence of proline priming on antioxidative potential and ionic distribution and its relationship with salt tolerance of wheat. <i>Cereal Research Communications</i> , 2018 , 46, 287-300	1.1	9
203	Fortification of phenolics, antioxidant activities and biochemical attributes of radish root by plant leaf extract seed priming. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018 , 16, 115-120	4.2	9
202	Mutagenicity, cytotoxic and antioxidant activities of Ricinus communis different parts. <i>Chemistry Central Journal</i> , 2018 , 12, 3		21
201	Evaluation of Antioxidant Potential of Vegetables Waste. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 947-952	2.3	18
200	Variations in the Physicochemical Profile of Khushab Coal under Various Environmental Conditions. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 987-992	2.3	4
199	Role of Graph Theory to Facilitate Landscape Connectivity: Subdivision of a Harary Graph. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 993-999	2.3	3
198	Vitality and Implication of Natural Products from Viburnum Grandiflorum: an Eco-Friendly Approach. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 1407-1411	2.3	9
197	Estimating Total Phenolics in Taraxacum officinale (L.) Extracts. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 497-501	2.3	4
196	Enhancing Profitability of Ethanol Fermentation through Gamma Ray Mutagenesis of Saccharomyces cerevisiae. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 35-41	2.3	4

195	Sweet Lime-Mediated Decolorization of Textile Industry Effluents. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 283-289	2.3	12
194	Managing Paper and Pulp Industry By-Product Waste Utilizing Sludge as a Bio-Fertilizer. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 83-90	2.3	6
193	essential oil anticancer activity and chemical composition evaluation. <i>EXCLI Journal</i> , 2018 , 17, 233-245	2.4	13
192	Hydrothermal synthesis of molybdenum trioxide, characterization and photocatalytic activity. <i>Materials Research Bulletin</i> , 2018 , 100, 120-130	5.1	39
191	Biocomposite application for the phosphate ions removal in aqueous medium. <i>Journal of Materials Research and Technology</i> , 2018 , 7, 300-307	5.5	50
190	Brassicaceae family oil methyl esters blended with ultra-low sulphur diesel fuel (ULSD): Comparison of fuel properties with fuel standards. <i>Renewable Energy</i> , 2018 , 117, 393-403	8.1	19
189	Graphene and silver decorated ZnO composite synthesis, characterization and photocatalytic activity evaluation. <i>Diamond and Related Materials</i> , 2018 , 90, 26-31	3.5	42
188	Biodiesel production from waste cooking oil: An efficient technique to convert waste into biodiesel. <i>Sustainable Cities and Society</i> , 2018 , 41, 220-226	10.1	200
187	Pyrolysis of waste tire rubber: Influence of temperature on pyrolysates yield. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 3469-3473	6.8	25
186	Role of phytase supplementation in improving nutrient digestibility and growth performance for Labeo rohita fingerlings fed on canola meal-based diet. <i>Journal of Applied Animal Research</i> , 2017 , 45, 15-21	1.7	5
185	Sunflower germination and growth behavior under various gamma radiation absorbed doses. <i>Acta Ecologica Sinica</i> , 2017 , 37, 48-52	2.7	8
184	Fungal infestation and aflatoxins synthesis control in stored poultry feed using medicinal plants. <i>Environmental Technology and Innovation</i> , 2017 , 7, 194-202	7	4
183	Uranium remediation using modified Vigna radiata waste biomass. <i>Applied Radiation and Isotopes</i> , 2017 , 123, 94-101	1.7	54
182	Simulation and test of a point focused electron beam emitter. <i>Instruments and Experimental Techniques</i> , 2017 , 60, 87-90	0.5	
181	Native, acidic pre-treated and composite clay efficiency for the adsorption of dicationic dye in aqueous medium. <i>Water Science and Technology</i> , 2017 , 75, 753-764	2.2	18
180	Anti-aflatoxigenic activity of Punica granatum and Ziziphus jujuba leaves against Aspergillus parasiticus inoculated poultry feed: Effect of storage conditions. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017 , 10, 104-112	4.2	2
179	Microwave-assisted desulfurization of coal by photo-catalytic oxidation treatment. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017 , 39, 1043-1049	1.6	10
178	Nickel adsorption onto polyurethane ethylene and vinyl acetate sorbents. <i>Water Science and Technology</i> , 2017 , 76, 219-235	2.2	24

177	Relationship between structure and dyeing properties of reactive dyes for cotton dyeing. <i>Journal of Molecular Liquids</i> , 2017 , 241, 839-844	6	62
176	Detoxification of photo-catalytically treated 2-chlorophenol: optimization through response surface methodology. <i>Water Science and Technology</i> , 2017 , 76, 323-336	2.2	20
175	Adsorptive behavior of rice bran-based composites for malachite green dye: Isotherm, kinetic and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2017 , 237, 322-333	6	114
174	Nickel nanoparticle synthesis using <i>Camellia Sinensis</i> as reducing and capping agent: Growth mechanism and photo-catalytic activity evaluation. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 783-790	7.9	81
173	Chromium adsorption using waste tire and conditions optimization by response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 2740-2751	6.8	50
172	Aflatoxin, proximate composition and mineral profile of stored broiler feed treated with medicinal plant leaves. <i>Journal De Mycologie Medicale</i> , 2017 , 27, 325-333	3	0
171	Coal desulphurization and conditions optimization through response surface methodology, Khushab mines, Pakistan. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017 , 39, 1235-1241	1.6	7
170	Batch versus column modes for the adsorption of radioactive metal onto rice husk waste: conditions optimization through response surface methodology. <i>Water Science and Technology</i> , 2017 , 76, 1035-1043	2.2	28
169	Comparison of HeNe laser and sinusoidal non-uniform magnetic field seed pre-sowing treatment effect on Glycine max (Var 90-I) germination, growth and yield. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 166, 212-219	6.7	26
168	Mucilage characterization, biochemical and enzymatic activities of laser irradiated <i>Lagenaria siceraria</i> seedlings. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 173, 344-352	6.7	14
167	Low temperature nucleation of Griffiths Phase in Co doped LaMnO ₃ nanostructures. <i>Applied Surface Science</i> , 2017 , 422, 184-191	6.7	3
166	Measurement of cytotoxicity and heavy metal load in drains water receiving textile effluents and drinking water in vicinity of drains. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 109, 88-99	4.6	43
165	Basic Dye Adsorption onto Clay/MnFeO Composite: A Mechanistic Study. <i>Water Environment Research</i> , 2017 , 89, 301-311	2.8	49
164	Green and eco-friendly synthesis of cobalt-oxide nanoparticle: Characterization and photo-catalytic activity. <i>Advanced Powder Technology</i> , 2017 , 28, 2035-2043	4.6	132
163	Coal desulfurization using gamma and ultraviolet radiation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017 , 39, 1109-1115	1.6	12
162	Microalgae screening under CO stress: Growth and micro-nutrients removal efficiency. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 170, 91-98	6.7	37
161	Enhanced ethanol production at commercial scale from molasses using high gravity technology by mutant <i>S. cerevisiae</i> . <i>Brazilian Journal of Microbiology</i> , 2017 , 48, 403-409	2.2	54
160	Low power continuous wave-laser seed irradiation effect on <i>Moringa oleifera</i> germination, seedling growth and biochemical attributes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 170, 314-323	6.7	23

159	Aflatoxin biosynthesis control produced by <i>Aspergillus flavus</i> in layer hens feed during storage period of six months. <i>Journal De Mycologie Medicale</i> , 2017 , 27, 203-209	3	1
158	An eco-friendly approach to control <i>Oxya velox</i> infestation: <i>Mangifera indica</i> exoglucanase and endoglucanase cellulose ingestion inhibition activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017 , 10, 209-215	4.2	
157	Biocomposite efficiency for Cr(VI) adsorption: Kinetic, equilibrium and thermodynamics studies. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 400-411	6.8	120
156	Total phenolic, chromium contents and antioxidant activity of raw and processed sugars. <i>Information Processing in Agriculture</i> , 2017 , 4, 83-89	4.2	24
155	Structural and magnetic investigations of Cr substituted NiFe ₂ O ₄ nanostructures. <i>Journal of Alloys and Compounds</i> , 2017 , 698, 228-233	5.7	7
154	Mutagenicity and cytotoxicity evaluation of photo-catalytically treated petroleum refinery wastewater using an array of bioassays. <i>Chemosphere</i> , 2017 , 168, 590-598	8.4	87
153	Bioremediation: A Green, Sustainable and Eco-Friendly Technique for the Remediation of Pollutants 2017 , 263-311		2
152	Agro-Industrial Wastes Composites as Novel Adsorbents 2017 , 391-431		
151	Quadruple Beltrami fields in three component plasmas. <i>Physics of Plasmas</i> , 2017 , 24, 062903	2.1	9
150	Fungal strains isolation, identification and application for the recovery of Zn(II) ions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 175, 282-290	6.7	18
149	The beam energy feedback system for Beijing electron positron collider II linac. <i>Review of Scientific Instruments</i> , 2017 , 88, 035116	1.7	
148	A review on ⁹⁰ Y-labeled compounds and biomolecules. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 1487-1496	1.5	4
147	Comparative study of heavy metals distribution in soil, forage, blood and milk. <i>Acta Ecologica Sinica</i> , 2017 , 37, 207-212	2.7	21
146	Fertilizer industrial effluents: Physico-chemical characterization and water quality parameters evaluation. <i>Acta Ecologica Sinica</i> , 2017 , 37, 236-239	2.7	15
145	Enhanced biodiesel production from <i>Jatropha</i> oil using calcined waste animal bones as catalyst. <i>Renewable Energy</i> , 2017 , 101, 111-119	8.1	190
144	Mango stone biocomposite preparation and application for crystal violet adsorption: A mechanistic study. <i>Microporous and Mesoporous Materials</i> , 2017 , 239, 180-189	5.3	159
143	Biopolymers composites with peanut hull waste biomass and application for Crystal Violet adsorption. <i>International Journal of Biological Macromolecules</i> , 2017 , 94, 210-220	7.9	177
142	Application of ANFIS-based subtractive clustering algorithm in soil Cation Exchange Capacity estimation using soil and remotely sensed data. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 95, 173-180	4.6	42

141	By-product identification and phytotoxicity of biodegraded Direct Yellow 4 dye. <i>Chemosphere</i> , 2017 , 169, 474-484	8.4	77
140	Tyrosine-priming modulates phenylpropanoid pathway in maize grown under different pH regimes. <i>Cereal Research Communications</i> , 2017 , 45, 214-224	1.1	2
139	Hard Water and Dyeing Properties: Effect of Pre- and Post-Mordanting on Dyeing Using Eucalyptus globulus and Curcuma longa Extracts. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 747-753	2.3	4
138	Cytotoxicity and Antimicrobial Activity of Pivalic and Benzoic Acid-Complexed Cu and Mn Complexes. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 2861-2867	2.3	2
137	Redox Mediators Assisted-degradation of Direct Yellow 4. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 2885-2890	2.3	3
136	Survey of Residual Pesticides in Various Fresh Fruit Crops: A Case Study. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 2703-2709	2.3	10
135	Biological approach to aflatoxin control in stored poultry feed. <i>Acta Veterinaria Brno</i> , 2017 , 86, 19-28	0.8	2
134	Reducing water salinity using effective microorganisms. <i>Net Journal of Agricultural Science</i> , 2017 , 5, 114-120		4
133	Salinity tolerance at seedling stage for rice genotypes: In vitro analysis. <i>Net Journal of Agricultural Science</i> , 2017 , 5, 126-130	1	3
132	Variation in biochemical and antioxidant attributes of in response to foliar application of plant leaf extracts as plant growth regulator. <i>Journal of Genetic Engineering and Biotechnology</i> , 2016 , 14, 1-8	3.1	18
131	Kinetics of the gas-phase thermal decomposition of 3-chloropropene. <i>Chemical Physics Letters</i> , 2016 , 661, 200-205	2.5	4
130	Magnetic and Dielectric Investigations of Mn-Doped Ba Hexaferrite Nanoparticles by Hydrothermal Approach. <i>Journal of Electronic Materials</i> , 2016 , 45, 5853-5859	1.9	6
129	Structural and magnetic response of Mn substituted Co ₂ Y-type barium hexaferrites. <i>Journal of Alloys and Compounds</i> , 2016 , 686, 1017-1024	5.7	24
128	Laser light and magnetic field stimulation effect on biochemical, enzymes activities and chlorophyll contents in soybean seeds and seedlings during early growth stages. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 165, 283-290	6.7	43
127	Online beam energy measurement of Beijing electron positron collider II linear accelerator. <i>Review of Scientific Instruments</i> , 2016 , 87, 023301	1.7	1
126	Modeling of soil exchangeable sodium percentage using easily obtained indices and artificial intelligence-based models. <i>Modeling Earth Systems and Environment</i> , 2016 , 2, 1	3.2	5
125	Mutagenicity, cytotoxicity and phytotoxicity evaluation of biodegraded textile effluent by fungal ligninolytic enzymes. <i>Water Science and Technology</i> , 2016 , 73, 2332-44	2.2	31
124	Gamma Irradiation induced degradation of diclofenac in aqueous solution: Kinetics, role of reactive species and influence of natural water parameters. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 2573-2584	6.8	38

123	Mutagenicity and cytotoxicity assessment of biodegraded textile effluent by Ca-alginate encapsulated manganese peroxidase. <i>Biochemical Engineering Journal</i> , 2016 , 109, 153-161	4.2	86
122	Biocatalytic transesterification of Eruca sativa oil for the production of biodiesel. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 5, 162-167	4.2	30
121	Response surface methodology application in optimization of cadmium adsorption by shoe waste: A good option of waste mitigation by waste. <i>Ecological Engineering</i> , 2016 , 88, 265-275	3.9	128
120	Pyrolysis-Gas Chromatography of Sugar Beet Bagasse. <i>Waste and Biomass Valorization</i> , 2016 , 7, 79-85	3.2	10
119	Physicochemical characterization, microbial decontamination and shelf life analysis of walnut (Juglans regia L) oil extracted from gamma radiation treated seeds. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 6, 116-122	4.2	10
118	Fungal biomass composite with bentonite efficiency for nickel and zinc adsorption: A mechanistic study. <i>Ecological Engineering</i> , 2016 , 91, 459-471	3.9	128
117	Response of iron oxide on hetero-nanostructures of soft and hard ferrites. <i>Superlattices and Microstructures</i> , 2016 , 92, 374-379	2.8	6
116	Pre-sowing seed magnetic field stimulation: A good option to enhance bitter melon germination, seedling growth and yield characteristics. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 5, 30-37	4.2	23
115	Biosorption of Pb(II) onto immobilized and native Mangifera indica waste biomass. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 35, 185-194	6.3	119
114	Simulation and test of a thermionic hairpin source DC electron beam gun. <i>Optik</i> , 2016 , 127, 1905-1908	2.5	3
113	Vicia faba bioassay for environmental toxicity monitoring: A review. <i>Chemosphere</i> , 2016 , 144, 785-802	8.4	286
112	COMPARITIVE STUDY OF PARTICULATE MATTER (PM10 AND PM2.5) IN DALIAN-CHINA AND FAISALABAD-PAKISTAN. <i>Pakistan Journal of Agricultural Sciences</i> , 2016 , 53, 97-106	1.5	4
111	Longitudinal Jitter Analysis of a Linear Accelerator Electron Gun. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 350	2.6	
110	Structural and Magnetic Response in Bimetallic Core/Shell Magnetic Nanoparticles. <i>Nanomaterials</i> , 2016 , 6,	5.4	11
109	Temperature-Dependent Magnetic Response of Antiferromagnetic Doping in Cobalt Ferrite Nanostructures. <i>Nanomaterials</i> , 2016 , 6,	5.4	49
108	Ag TiO ₂ nanocomposite for environmental and sensing applications. <i>Materials Chemistry and Physics</i> , 2016 , 181, 194-203	4.4	22
107	Efficient remediation of Zr(IV) using citrus peel waste biomass: Kinetic, equilibrium and thermodynamic studies. <i>Ecological Engineering</i> , 2016 , 95, 216-228	3.9	45
106	Synthesis, characterization and photocatalytic activity of ZnO flower and pseudo-sphere: Nonylphenol ethoxylate degradation under UV and solar irradiation. <i>Journal of Alloys and Compounds</i> , 2016 , 678, 126-136	5.7	84

105	Noble metal nanoparticle-functionalized ZnO nanoflowers for photocatalytic degradation of RhB dye and electrochemical sensing of hydrogen peroxide. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	44
104	Magnetically treated water irrigation effect on turnip seed germination, seedling growth and enzymatic activities. <i>Information Processing in Agriculture</i> , 2016 , 3, 99-106	4.2	19
103	Eriobotrya japonica seed biocomposite efficiency for copper adsorption: Isotherms, kinetics, thermodynamic and desorption studies. <i>Journal of Environmental Management</i> , 2016 , 176, 21-33	7.9	155
102	Solar Red and Brittle Blue direct dyes adsorption onto Eucalyptus angophoroides bark: Equilibrium, kinetics and thermodynamic studies. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 2431-2439	6.8	128
101	Chitosan beads immobilized manganese peroxidase catalytic potential for detoxification and decolorization of textile effluent. <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 181-9	7.9	121
100	Pre-sowing seed magnetic field treatment influence on germination, seedling growth and enzymatic activities of melon (<i>Cucumis melo</i> L.). <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 6, 176-183	4.2	20
99	Effect of gravistimulation on amino acid profile of pea, rice, corn, wheat during early growth stages. <i>Information Processing in Agriculture</i> , 2016 , 3, 244-251	4.2	3
98	Gamma radiation/H ₂ O ₂ treatment of a nonylphenol ethoxylates: Degradation, cytotoxicity, and mutagenicity evaluation. <i>Journal of Hazardous Materials</i> , 2015 , 299, 351-60	12.8	133
97	Fabrication and temperature dependent magnetic properties of nickel nanowires embedded in alumina templates. <i>Ceramics International</i> , 2015 , 41, 12081-12086	5.1	18
96	Cytotoxicity and mutagenicity evaluation of gamma radiation and hydrogen peroxide treated textile effluents using bioassays. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 1912-1917	6.8	89
95	Self-organized field structures in electron-depleted multi-ion dusty plasma. <i>Journal of Plasma Physics</i> , 2015 , 81,	2.7	7
94	Impact of UV/TiO ₂ /H ₂ O ₂ on Degradation of Disperse Red F3BS. <i>Asian Journal of Chemistry</i> , 2015 , 27, 282-286	0.4	14
93	Seismic Evaluation of Repaired and Retrofitted Circular Bridge Piers of Low-Strength Concrete. <i>Arabian Journal for Science and Engineering</i> , 2015 , 40, 3057-3066		4
92	Influence of cobalt doping on structural and magnetic properties of BiFeO ₃ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	41
91	A neural network model for estimating soil phosphorus using terrain analysis. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2015 , 18, 127-135	3.4	23
90	Application of Response Surface Methodology for the Extraction of Dye from Henna Leaves. <i>Asian Journal of Chemistry</i> , 2015 , 27, 1707-1710	0.4	2
89	Adsorption of Ag(I), Cr(VI) and Pb(II) from Aqueous Media onto Different Adsorbent Types. <i>Asian Journal of Chemistry</i> , 2015 , 27, 3308-3314	0.4	12
88	Gamma Radiation Treatment for Reducing Cytotoxicity and Mutagenicity in Industrial Wastewater. <i>Polish Journal of Environmental Studies</i> , 2015 , 24, 2745-2750	2.3	60

87	Preparation, biodistribution and scintigraphic evaluation of (99m)Tc-lincomycin. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 1965-70	0.4	1
86	The role of green tea extract and powder in mitigating metabolic syndromes with special reference to hyperglycemia and hypercholesterolemia. <i>Food and Function</i> , 2014 , 5, 545-56	6.1	39
85	Finite element analyses of a linear-accelerator electron gun. <i>Review of Scientific Instruments</i> , 2014 , 85, 023304	1.7	4
84	Optimization of the hairpin-source electron gun using EGUN. <i>Vacuum</i> , 2014 , 101, 157-162	3.7	2
83	DAIRY MANURE AND NITROGEN FERTILIZER EFFECTS ON RESIDUAL NITRATE AND PHOSPHATE, AND WHEAT YIELD IN A SANDY CLAY LOAM SOIL. <i>Journal of Plant Nutrition</i> , 2014 , 37, 562-574	2.3	2
82	Enhanced photocatalytic and electrochemical properties of Au nanoparticles supported TiO ₂ microspheres. <i>New Journal of Chemistry</i> , 2014 , 38, 1424	3.6	43
81	Enhancement in the multiferroic properties of BiFeO ₃ by charge compensated aliovalent substitution of Ba and Nb. <i>AIP Advances</i> , 2014 , 4, 037113	1.5	49
80	Application of Advanced Oxidations Processes for the Treatments of Textile Effluents. <i>Asian Journal of Chemistry</i> , 2014 , 26, 1882-1886	0.4	25
79	Efficiency of Advanced Oxidation Processes for Detoxification of Industrial Effluents. <i>Asian Journal of Chemistry</i> , 2014 , 26, 4291-4296	0.4	29
78	Note: Simulation and test of a strip source electron gun. <i>Review of Scientific Instruments</i> , 2014 , 85, 0661067	0.4	1
77	Electron gun jitter effects on beam bunching. <i>Review of Scientific Instruments</i> , 2014 , 85, 023303	1.7	1
76	Relaxed states in electron-depleted electronegative dusty plasmas with two-negative ion species. <i>Journal of Plasma Physics</i> , 2014 , 80, 59-65	2.7	4
75	Evaluation of carrier added and no carrier added 90Y-EDTMP as bone seeking therapeutic radiopharmaceutical. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014 , 27, 813-8	0.4	2
74	Note: Thermal analysis of the long line source electron gun. <i>Review of Scientific Instruments</i> , 2013 , 84, 056113	1.7	4
73	Biosorption of chromium onto native and immobilized sugarcane bagasse waste biomass. <i>Ecological Engineering</i> , 2013 , 60, 99-107	3.9	161
72	Multiscale structures in a two-temperature relativistic electron-positron-ion plasma. <i>Journal of Plasma Physics</i> , 2013 , 79, 715-720	2.7	4
71	Organic acids pretreatment effect on Rosa bourbonia phyto-biomass for removal of Pb(II) and Cu(II) from aqueous media. <i>Bioresource Technology</i> , 2013 , 132, 446-52	11	141
70	Quality characteristics and microbiological safety evaluation of oils extracted from gamma irradiated almond (<i>Prunus dulcis</i> Mill.) seeds. <i>Grasas Y Aceites</i> , 2013 , 64, 68-76	1.3	15

69	Rice cultures and nitrogen rate effects on yield and quality of rice (<i>Oryza sativa</i> L.). <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2013 , 37, 665-673	2.2	7
68	Note: Characteristic beam parameter for the line electron gun. <i>Review of Scientific Instruments</i> , 2013 , 84, 116107	1.7	1
67	HeNe laser-induced changes in germination, thermodynamic parameters, internal energy, enzyme activities and physiological attributes of wheat during germination and early growth. <i>Laser Physics Letters</i> , 2013 , 10, 045606	1.5	33
66	Photo-degradation of the methyl blue: Optimization through response surface methodology using rotatable center composite design. <i>International Journal of Basic and Applied Sciences</i> , 2013 , 2,	0.1	4
65	Kinetic Study of Cr(III) and Cr(VI) Biosorption Using <i>Rosa damascena</i> Phytomass: A Rose Waste Biomass. <i>Asian Journal of Chemistry</i> , 2013 , 25, 2099-2103	0.4	47
64	Measurement of Electron Density and Temperature of Laser-Induced Copper Plasma. <i>Asian Journal of Chemistry</i> , 2013 , 25, 2192-2198	0.4	8
63	Degradation Study of C.I. Reactive Yellow 145 by Advanced Oxidation Process. <i>Asian Journal of Chemistry</i> , 2013 , 25, 8668-8672	0.4	13
62	Optimization of pre-sowing magnetic field doses through RSM in pea. <i>International Agrophysics</i> , 2013 , 27, 265-273	2	5
61	Design modification in rotor blade of turbo molecular pump. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 678, 88-90	1.2	12
60	Beltrami Fields in Partially Ionized Plasmas. <i>Journal of Fusion Energy</i> , 2012 , 31, 44-46	1.6	4
59	Optimization of Electrostatic Focusing for Line Source Electron Beam Emitter Assembly. <i>Physics Procedia</i> , 2012 , 32, 891-895		1
58	Relaxation of a magnetized two ion species dusty plasma. <i>Physics of Plasmas</i> , 2012 , 19, 033517	2.1	15
57	Influence of annealing on structural, morphological and optical properties of Cd x Zn _{1-x} O nanopowder prepared by Co-precipitation method. <i>Materials Science-Poland</i> , 2012 , 30, 248-253	0.6	6
56	Measurement of electron number density and temperature of laser-induced Silver plasma. <i>International Journal of Engineering and Technology(UAE)</i> , 2012 , 2, 32	0.8	8
55	Beltrami fields in a hot electron-positron plasma. <i>Journal of Plasma Physics</i> , 2012 , 78, 207-210	2.7	8
54	Relaxed magnetic field structures in multi-ion plasmas. <i>Astrophysics and Space Science</i> , 2012 , 339, 19-23	1.6	6
53	Enhancement in growth and yield of mushroom using magnetic field treatment. <i>International Agrophysics</i> , 2012 , 26, 375-380	2	11
52	Effect of presowing magnetic treatment on properties of pea. <i>International Agrophysics</i> , 2012 , 26,	2	31

51	Enhancement in the germination, growth and yield of okra (<i>Abelmoschus esculentus</i>) using pre-sowing magnetic treatment of seeds. <i>Indian Journal of Biochemistry and Biophysics</i> , 2012 , 49, 211-4		17
50	He-Ne laser-induced improvement in biochemical, physiological, growth and yield characteristics in sunflower (<i>Helianthus annuus</i> L.). <i>Photochemistry and Photobiology</i> , 2011 , 87, 1453-63	3.6	43
49	Cadmium causes oxidative stress in mung bean by affecting the antioxidant enzyme system and ascorbate-glutathione cycle metabolism. <i>Russian Journal of Plant Physiology</i> , 2011 , 58, 92-99	1.6	82
48	Protection of growth and photosynthesis of Brassica juncea genotype with dual type sulfur transport system against sulfur deprivation by coordinate changes in the activities of sulfur metabolism enzymes and cysteine and glutathione production. <i>Russian Journal of Plant Physiology</i> , 2011 , 58, 92-99	1.6	6
47	Electrostatic focusing of directly heated linear filament gun using EGUN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 641, 1-4	1.2	5
46	Optimal welding parameters with 10 keV point source electron gun. <i>Vacuum</i> , 2011 , 85, 654-656	3.7	6
45	Changes in Hormonal Balance: A Possible Mechanism of Pre-Sowing Chilling-Induced Salt Tolerance in Spring Wheat. <i>Journal of Agronomy and Crop Science</i> , 2010 , 196, 440-454	3.9	34
44	Laser-induced forward transfer (LIFT) of material using ablation of thin films. <i>Radiation Effects and Defects in Solids</i> , 2010 , 165, 501-508	0.9	
43	Diallelic analysis of quantitative traits in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Plant Biosystems</i> , 2010 , 144, 373-380	1.6	1
42	Surface modification of mild steel with Boron Carbide reinforcement by electron beam melting. <i>Vacuum</i> , 2010 , 85, 45-47	3.7	11
41	Microstructure and hardness studies of electron beam melted surface of mild steel. <i>Applied Surface Science</i> , 2009 , 255, 6721-6723	6.7	9
40	Sulphur protects mustard (<i>Brassica campestris</i> L.) from cadmium toxicity by improving leaf ascorbate and glutathione. <i>Plant Growth Regulation</i> , 2008 , 54, 271-279	3.2	145
39	Taxonomic Significance of Sclerenchyma Distribution in the Secondary Phloem of Some Indian Tropical Trees. <i>Feddes Repertorium</i> , 2008 , 90, 173-178	0.4	1
38	Seed Preconditioning Modulates Growth, Ionic Relations, and Photosynthetic Capacity in Adult Plants of Hexaploid Wheat under Salt Stress. <i>Journal of Plant Nutrition</i> , 2007 , 30, 381-396	2.3	41
37	Microstructure and characterization of phases in TIG welded joints of Zircaloy-4 and stainless steel 304L. <i>Journal of Materials Science</i> , 2007 , 42, 328-331	4.3	26
36	Microwave roasting effects on the physico-chemical composition and oxidative stability of sunflower seed oil. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2006 , 83, 777-784	1.8	110
35	Theoretical model for heat conduction in metals during interaction with ultra short laser pulse. <i>Laser and Particle Beams</i> , 2006 , 24, 347-353	0.9	13
34	Design and performance of high uniformity linear filament electron gun. <i>Review of Scientific Instruments</i> , 2006 , 77, 106101	1.7	9

33	Design optimization of a hairpin electron source for electron beam welding. <i>Vacuum</i> , 2006 , 81, 499-501	3.7	1
32	Microstructure and hardness studies of the electron beam welded zone of Hastelloy C-276. <i>Journal of Alloys and Compounds</i> , 2005 , 390, 88-93	5.7	84
31	Formation of dendritic structure in the diffusion zone of the bonded Zircaloy-4 and stainless steel 316L in the presence of Ti interlayer. <i>Journal of Alloys and Compounds</i> , 2005 , 399, 96-100	5.7	28
30	Surface modification of Hastelloy C-276 by SiC addition and electron beam melting. <i>Journal of Nuclear Materials</i> , 2005 , 336, 120-124	3.3	31
29	Microstructure and non-equilibrium phases in electron beam-welded joints of AlBeCu and Zircaloy-4. <i>Journal of Nuclear Materials</i> , 2005 , 341, 164-168	3.3	3
28	Changes in growth, photosynthetic capacity and ionic relations in spring wheat (<i>Triticum aestivum</i> L.) due to pre-sowing seed treatment with polyamines. <i>Plant Growth Regulation</i> , 2005 , 46, 19-30	3.2	60
27	Theory And Design Of Thermionic Electron Beam Guns 2005 ,		2
26	Ameliorative Effects of CaCl ₂ on Growth, Ionic Relations, and Proline Content of Senna Under Salinity Stress. <i>Journal of Plant Nutrition</i> , 2005 , 28, 101-125	2.3	34
25	Removal and recovery of nickel(II) from aqueous solution by loofa sponge-immobilized biomass of <i>Chlorella sorokiniana</i> : characterization studies. <i>Journal of Hazardous Materials</i> , 2004 , 108, 85-94	12.8	213
24	The electron beam gun with thermionic hairpin-like cathode for welding and surface modifications. <i>Vacuum</i> , 2004 , 77, 19-26	3.7	8
23	Diffusion bonding of stainless steel to Zircaloy-4 in the presence of a Ta intermediate layer. <i>Journal of Nuclear Materials</i> , 2003 , 317, 212-216	3.3	25
22	An electromagnetically focused electron beam line source. <i>Review of Scientific Instruments</i> , 2003 , 74, 4616-4619	1.7	13
21	An indirectly heated electron beam emitter assembly. <i>Review of Scientific Instruments</i> , 2003 , 74, 1196-1199		13
20	Hardness and microstructural studies of electron beam welded joints of Zircaloy-4 and stainless steel. <i>Journal of Nuclear Materials</i> , 2002 , 301, 118-121	3.3	36
19	Precipitation hardening in Inconel* 625. <i>Materials Science and Technology</i> , 2000 , 16, 129-132	1.5	22
18	Evidence that ferric nitrilotriacetate mediates oxidative stress by down-regulating DT-diaphorase activity: implications for carcinogenesis. <i>Cancer Letters</i> , 1999 , 141, 151-7	9.9	30
17	Age-dependent renal accumulation of 4-hydroxy-2-nonenal (HNE)-modified proteins following parenteral administration of ferric nitrilotriacetate commensurate with its differential toxicity: implications for the involvement of HNE-protein adducts in oxidative stress and carcinogenesis. <i>Archives of Biochemistry and Biophysics</i> , 1999 , 365, 101-12	4.1	41
16	Aluminium-induced morphogenic and biochemical variations of <i>Bacopa Monniera</i> 1998 , 41, 240-245		9

15	Attenuation of iron-nitritotriacetate (Fe-NTA)-mediated renal oxidative stress, toxicity and hyperproliferative response by the prophylactic treatment of rats with garlic oil. <i>Food and Chemical Toxicology</i> , 1998 , 36, 485-95	4-7	91
14	alpha-Tocopherol (vitamin-E) ameliorates ferric nitritotriacetate (Fe-NTA)-dependent renal proliferative response and toxicity: diminution of oxidative stress. <i>Human and Experimental Toxicology</i> , 1998 , 17, 163-71	3-4	45
13	Evidence that Fe-NTA-induced renal prostaglandin F2 alpha is responsible for hyperplastic response in kidney: implications for the role of cyclooxygenase-dependent arachidonic acid metabolism in renal tumor promotion. <i>IUBMB Life</i> , 1997 , 42, 1115-24	4-7	4
12	Micropropagation of <i>Tribulus terrestris</i> L., an important medicinal plant 1997 , 40, 202-205		4
11	Glutathione metabolizing enzymes and oxidative stress in ferric nitritotriacetate mediated hepatic injury. <i>Redox Report</i> , 1996 , 2, 385-91	5-9	151
10	Ferric nitritotriacetate (Fe-NTA) is a potent hepatic tumor promoter and acts through the generation of oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 212, 557-63	3-4	73
9	Compatibility Relationships in Some Non-Tuberous Species of <i>Solanum</i> . <i>The Journal of Horticultural Science</i> , 1979 , 54, 163-163		6
8	Pyrolysis of juice-squeezed grapefruit waste: effect of nickel oxide on kinetics and bio-oil yield. <i>International Journal of Environmental Science and Technology</i> , 1	3-3	1
7	Adsorption of non-steroidal anti-inflammatory drugs (diclofenac and ibuprofen) from aqueous medium onto activated onion skin 95 , 274-285		13
6	Native clay, MnFe ₂ O ₄ /clay composite and bio-composite efficiency for the removal of synthetic dye from synthetic solution: column versus batch adsorption studies 187 , 219-231		9
5	FeVO ₄ nanoparticles synthesis, characterization and photocatalytic activity evaluation for the degradation of 2-chlorophenol 187 , 399-409		7
4	Production of Liquid Fuel from Polystyrene Waste: Process Optimization and Characterization of Pyrolyzates. <i>Combustion Science and Technology</i> , 1-14	1-5	2
3	Pyrolysis of almond shells waste: effect of zinc oxide on kinetics and product distribution. <i>Biomass Conversion and Biorefinery</i> , 1	2-3	12
2	Desorption study and reusability of raw and H ₂ SO ₄ modified jujube shells (<i>Zizyphus lotus</i>) for the methylene blue adsorption. <i>International Journal of Environmental Analytical Chemistry</i> , 1-17	1-8	5
1	Enhanced adsorption of Foron Black RD 3GRN dye onto sugarcane bagasse biomass and Na-alginate composite 216 , 423-435		3