

Munawar Iqbal

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428
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11,456
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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	Dyes adsorption using clay and modified clay: A review. <i>Journal of Molecular Liquids</i> , 2018 , 256, 395-407	6	405
427	<i>Vibrio fischeri</i> bioluminescence inhibition assay for ecotoxicity assessment: A review. <i>Science of the Total Environment</i> , 2018 , 626, 1295-1309	10.2	307
426	Vicia faba bioassay for environmental toxicity monitoring: A review. <i>Chemosphere</i> , 2016 , 144, 785-802	8.4	286
425	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
424	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
423	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
422	The utilization of leaf-based adsorbents for dyes removal: A review. <i>Journal of Molecular Liquids</i> , 2019 , 276, 728-747	6	188
421	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
420	Biosorption of chromium onto native and immobilized sugarcane bagasse waste biomass. <i>Ecological Engineering</i> , 2013 , 60, 99-107	3.9	161
419	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
418	<i>Eriobotrya japonica</i> 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
417	Glutathione metabolizing enzymes and oxidative stress in ferric nitrilotriacetate mediated hepatic injury. <i>Redox Report</i> , 1996 , 2, 385-91	5.9	151
416	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
415	Organic acids pretreatment effect on <i>Rosa bourbonia</i> phyto-biomass for removal of Pb(II) and Cu(II) from aqueous media. <i>Bioresource Technology</i> , 2013 , 132, 446-52	11	141
414	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
413	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
412	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

411	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
410	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
409	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
408	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
407	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
406	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
405	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
404	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
403	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
402	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
401	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
400	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
399	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
398	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
397	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
396	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
395	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
394	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

393	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
392	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
391	Nickel nanoparticle synthesis using Camellia Sinensis 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
390	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
389	By-product identification and phytotoxicity of biodegraded Direct Yellow 4 dye. <i>Chemosphere</i> , 2017 , 169, 474-484	8.4	77
388	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
387	Ferric nitrilotriacetate (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
386	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
385	Relationship between structure and dyeing properties of reactive dyes for cotton dyeing. <i>Journal of Molecular Liquids</i> , 2017 , 241, 839-844	6	62
384	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
383	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
382	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
381	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
380	Graphene oxide decorated ZnWO ₄ architecture synthesis, characterization and photocatalytic activity evaluation. <i>Journal of Molecular Liquids</i> , 2019 , 285, 778-789	6	57
379	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
378	Wound healing potential of curcumin cross-linked chitosan/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 871-876	7.9	56
377	Fuel production from waste polystyrene via pyrolysis: Kinetics and products distribution. <i>Waste Management</i> , 2019 , 88, 236-247	8.6	56
376	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

375	Uranium remediation using modified <i>Vigna radiata</i> waste biomass. <i>Applied Radiation and Isotopes</i> , 2017 , 123, 94-101	1.7	54
374	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
373	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
372	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
371	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
370	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
369	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
368	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
367	Basic Dye Adsorption onto Clay/MnFeO Composite: A Mechanistic Study. <i>Water Environment Research</i> , 2017 , 89, 301-311	2.8	49
366	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
365	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
364	Temperature-Dependent Magnetic Response of Antiferromagnetic Doping in Cobalt Ferrite Nanostructures. <i>Nanomaterials</i> , 2016 , 6,	5.4	49
363	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
362	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
361	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
360	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
359	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
358	alpha-Tocopherol (vitamin-E) ameliorates ferric nitrilotriacetate (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

357	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
356	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
355	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
354	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
353	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
352	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
351	Enhanced photocatalytic and electrochemical properties of Au nanoparticles supported TiO ₂ microspheres. <i>New Journal of Chemistry</i> , 2014 , 38, 1424	3.6	43
350	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
349	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
348	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
347	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
346	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
345	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
344	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
343	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
342	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
341	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
340	Hydrothermal synthesis of molybdenum trioxide, characterization and photocatalytic activity. <i>Materials Research Bulletin</i> , 2018 , 100, 120-130	5.1	39

339	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
338	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
337	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
336	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
335	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
334	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
333	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
332	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
331	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
330	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
329	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
328	Effect of presowing magnetic treatment on properties of pea. <i>International Agrophysics</i> , 2012 , 26,	2	31
327	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
326	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
325	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
324	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
323	Biocatalytic transesterification of Eruca sativa oil for the production of biodiesel. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 5, 162-167	4.2	30
322	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

321	Efficiency of Advanced Oxidation Processes for Detoxification of Industrial Effluents. <i>Asian Journal of Chemistry</i> , 2014 , 26, 4291-4296	0.4	29
320	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
319	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
318	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
317	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
316	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
315	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
314	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
313	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
312	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
311	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
310	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models. <i>Waste Management and Research</i> , 2020 , 38, 202-212	4	26
309	Application of Advanced Oxidations Processes for the Treatments of Textile Effluents. <i>Asian Journal of Chemistry</i> , 2014 , 26, 1882-1886	0.4	25
308	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
307	Lead Remediation Using Smart Materials. A Review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019 , 233, 1377-1409	3.1	25
306	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
305	Nickel adsorption onto polyurethane ethylene and vinyl acetate sorbents. <i>Water Science and Technology</i> , 2017 , 76, 219-235	2.2	24
304	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

303	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
302	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
301	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
300	Low power continuous wave-laser seed irradiation effect on Moringa oleifera germination, seedling growth and biochemical attributes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 170, 314-323	6.7	23
299	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
298	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
297	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
296	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
295	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
294	Precipitation hardening in Inconel* 625. <i>Materials Science and Technology</i> , 2000 , 16, 129-132	1.5	22
293	Ag TiO ₂ nanocomposite for environmental and sensing applications. <i>Materials Chemistry and Physics</i> , 2016 , 181, 194-203	4.4	22
292	Mutagenicity, cytotoxic and antioxidant activities of Ricinus communis different parts. <i>Chemistry Central Journal</i> , 2018 , 12, 3		21
291	Comparative study of heavy metals distribution in soil, forage, blood and milk. <i>Acta Ecologica Sinica</i> , 2017 , 37, 207-212	2.7	21
290	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
289	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
288	Biocomposite of polyaniline and sodium alginate with Oscillatoria 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
287	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
286	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

285	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
284	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
283	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
282	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
281	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
280	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
279	Metallurgical Processing Strategies for Metals Recovery from Industrial Slags. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 201-231	3.1	19
278	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
277	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
276	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
275	Fabrication and temperature dependent magnetic properties of nickel nanowires embedded in alumina templates. <i>Ceramics International</i> , 2015 , 41, 12081-12086	5.1	18
274	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
273	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
272	Evaluation of Antioxidant Potential of Vegetables Waste. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 947-952	2.3	18
271	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
270	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
269	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
268	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

267	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
266	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
265	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
264	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
263	Structural, morphological, optical, and photocatalytic properties of Ag-doped MoS ₂ nanoparticles. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128735	3.4	15
262	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
261	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
260	Fertilizer industrial effluents: Physico-chemical characterization and water quality parameters evaluation. <i>Acta Ecologica Sinica</i> , 2017 , 37, 236-239	2.7	15
259	Relaxation of a magnetized two ion species dusty plasma. <i>Physics of Plasmas</i> , 2012 , 19, 033517	2.1	15
258	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
257	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
256	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
255	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
254	Friedel-Crafts reactions in aqueous media and their synthetic applications. <i>Journal of Molecular Liquids</i> , 2018 , 255, 26-42	6	14
253	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
252	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
251	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
250	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

249	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
248	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
247	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
246	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
245	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
244	An electromagnetically focused electron beam line source. <i>Review of Scientific Instruments</i> , 2003 , 74, 4616-4619	1.7	13
243	An indirectly heated electron beam emitter assembly. <i>Review of Scientific Instruments</i> , 2003 , 74, 1196-1199	1.9	13
242	essential oil anticancer activity and chemical composition evaluation. <i>EXCLI Journal</i> , 2018 , 17, 233-245	2.4	13
241	Adsorption of non-steroidal anti-inflammatory drugs (diclofenac and ibuprofen) from aqueous medium onto activated onion skin	95, 274-285	13
240	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
239	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
238	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
237	Structural, electronic, half metallic ferromagnetic and optical properties of cubic MAO ₃ (M=Ce, Pr) perovskites: A DFT study. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 154, 110084	3.9	13
236	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
235	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
234	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
233	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
232	Sweet Lime-Mediated Decolorization of Textile Industry Effluents. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 283-289	2.3	12

231	Investigating the Antibacterial Activity of POMA Nanocomposites. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 4191-4198	2.3	12
230	Pyrolysis of almond shells waste: effect of zinc oxide on kinetics and product distribution. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	12
229	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
228	Enhancement in growth and yield of mushroom using magnetic field treatment. <i>International Agrophysics</i> , 2012 , 26, 375-380	2	11
227	Surface modification of mild steel with Boron Carbide reinforcement by electron beam melting. <i>Vacuum</i> , 2010 , 85, 45-47	3.7	11
226	Kinetics and equilibrium studies of copper, zinc, and nickel ions adsorptive removal on to <i>Archontophoenix alexandreae</i> : conditions optimization by RSM 2020 , 201, 289-300		11
225	Kinetic Study of Degradation of Basic Turquoise Blue X-GB and Basic Blue X-GRRRL using Advanced Oxidation Process. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 1803-1817	3.1	11
224	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
223	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
222	Structural and Magnetic Response in Bimetallic Core/Shell Magnetic Nanoparticles. <i>Nanomaterials</i> , 2016 , 6,	5.4	11
221	Kinetics of the pyrolysis of cobalt-impregnated sesame stalk biomass. <i>Biomass Conversion and Biorefinery</i> , 2020 , 10, 1179-1187	2.3	11
220	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
219	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
218	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
217	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
216	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
215	Pyrolysis-Gas Chromatography of Sugar Beet Bagasse. <i>Waste and Biomass Valorization</i> , 2016 , 7, 79-85	3.2	10
214	Physicochemical characterization, microbial decontamination and shelf life analysis of walnut (<i>Juglans regia</i> L) oil extracted from gamma radiation treated seeds. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016 , 6, 116-122	4.2	10

213	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
212	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
211	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
210	Cationic distribution of nickel doped $\text{Ni}_x\text{Co}_{1-x}\text{Fe}_2\text{O}_4$ nanoparticles prepared by hydrothermal approach: Effect of doping on dielectric properties. <i>Materials Chemistry and Physics</i> , 2021 , 264, 124451	4.4	10
209	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
208	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
207	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. <i>Journal of Polymer Engineering</i> , 2019 , 39, 785-793	1.4	9
206	Quadruple Beltrami fields in three component plasmas. <i>Physics of Plasmas</i> , 2017 , 24, 062903	2.1	9
205	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
204	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
203	Microstructure and hardness studies of electron beam melted surface of mild steel. <i>Applied Surface Science</i> , 2009 , 255, 6721-6723	6.7	9
202	Aluminium-induced morphogenic and biochemical variations of <i>Bacopa Monniera</i> 1998 , 41, 240-245		9
201	Design and performance of high uniformity linear filament electron gun. <i>Review of Scientific Instruments</i> , 2006 , 77, 106101	1.7	9
200	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
199	Vitality and Implication of Natural Products from <i>Viburnum Grandiflorum</i> : an Eco-Friendly Approach. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 1407-1411	2.3	9
198	Native clay, MnFe_2O_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
197	Micro-emulsion approach for the fabrication of $\text{La}_{1-x}\text{Gd}_x\text{Cr}_1-y\text{Fe}_y\text{O}_3$: Magnetic, dielectric and photocatalytic activity evaluation under visible light irradiation. <i>Results in Physics</i> , 2021 , 23, 104023	3.7	9
196	Fe_3O_4 /graphene oxide/ $\text{Fe}_4[\text{Fe}(\text{CN})_6]_3$ nanocomposite for high performance electromagnetic interference shielding. <i>Ceramics International</i> , 2021 , 47, 11587-11595	5.1	9

195	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
194	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
193	Sunflower germination and growth behavior under various gamma radiation absorbed doses. <i>Acta Ecologica Sinica</i> , 2017 , 37, 48-52	2.7	8
192	Microwave assisted synthesis of zinc vanadate nanoparticles and photocatalytic application. <i>Materials Research Express</i> , 2020 , 7, 015070	1.7	8
191	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
190	Synthesis, quality control, and bio-evaluation of Tc-cyclophosphamide. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 456-462	2.9	8
189	Biodegradation of synthetic orange G dye by Pleurotus sojar-caju with Punica granatum peel as natural mediator. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 22, 101420	4.2	8
188	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
187	Beltrami fields in a hot electron-positron plasma. <i>Journal of Plasma Physics</i> , 2012 , 78, 207-210	2.7	8
186	Measurement of Electron Density and Temperature of Laser-Induced Copper Plasma. <i>Asian Journal of Chemistry</i> , 2013 , 25, 2192-2198	0.4	8
185	The electron beam gun with thermionic hairpin-like cathode for welding and surface modifications. <i>Vacuum</i> , 2004 , 77, 19-26	3.7	8
184	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
183	Indonesian Kesambi wood (Schleichera oleosa) activated with pyrolysis and H2SO4 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
182	Synthesis, characterization and evaluation of swelling ratio on magnetic p53-poly(MAA-co-EGDMA)@GO-Fe3O4 (MIP@GO-Fe3O4)-based p53 protein and graphene oxide from kusambi wood (Schleichera oleosa). <i>Journal of Materials Research and Technology</i> , 2020 , 9, 11060-11068	5.5	8
181	Synthesis of a novel nanocomposite based on date stones/CuFe2O4 nanoparticles for eliminating cationic and anionic dyes from aqueous solution. <i>International Journal of Environmental Studies</i> , 2021 , 1-19	1.8	8
180	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
179	Adsorption efficiency of Pitpapra biomass under single and binary metal systems. <i>Surfaces and Interfaces</i> , 2019 , 14, 138-145	4.1	8
178	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

177	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
176	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
175	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
174	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
173	Self-organized field structures in electron-depleted multi-ion dusty plasma. <i>Journal of Plasma Physics</i> , 2015 , 81,	2.7	7
172	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
171	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
170	FeVO ₄ nanoparticles synthesis, characterization and photocatalytic activity evaluation for the degradation of 2-chlorophenol	187, 399-409	7
169	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
168	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
167	Structural, morphological, electrical and optical properties of Cu doped DLC thin films. <i>Materials Research Express</i> , 2019 , 6, 126420	1.7	7
166	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
165	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
164	Double Beltrami states and loss of equilibrium in electron, positron and ion plasmas. <i>Journal of Plasma Physics</i> , 2019 , 85,	2.7	6
163	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
162	Response of iron oxide on hetero-nanostructures of soft and hard ferrites. <i>Superlattices and Microstructures</i> , 2016 , 92, 374-379	2.8	6
161	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
160	Relaxed magnetic field structures in multi-ion plasmas. <i>Astrophysics and Space Science</i> , 2012 , 339, 19-23	1.6	6

159	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, 892-898	1.6	6
158	Optimal welding parameters with 10 keV point source electron gun. <i>Vacuum</i> , 2011 , 85, 654-656	3.7	6
157	Compatibility Relationships in Some Non-Tuberous Species of Solanum. <i>The Journal of Horticultural Science</i> , 1979 , 54, 163-163		6
156	Hetero-structured Iron Molybdate Nanoparticles: Synthesis, Characterization and Photocatalytic Application. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	6
155	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
154	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
153	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
152	Thermodynamic and kinetic approach of biodiesel production from waste cooking oil using nano-catalysts. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 ,	3.1	6
151	Enhanced antibacterial activity of chitosan, guar gum and polyvinyl alcohol blend matrix loaded with amoxicillin and doxycycline hydrochloride drugs. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103156	5.9	6
150	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
149	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
148	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
147	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
146	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
145	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
144	Formation of large-scale structures in four-component dusty plasmas. <i>Contributions To Plasma Physics</i> , 2019 , 59, e201900063	1.4	5
143	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
142	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

141	Optimization of pre-sowing magnetic field doses through RSM in pea. <i>International Agrophysics</i> , 2013 , 27, 265-273	2	5
140	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
139	Desorption study and reusability of raw and H2SO4 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
138	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
137	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
136	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
135	Bionanocomposite of Au decorated MnO2 via in situ green synthesis route and antimicrobial activity evaluation. <i>Arabian Journal of Chemistry</i> , 2021 , 103415	5.9	5
134	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
133	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
132	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
131	Kinetics of the gas-phase thermal decomposition of 3-chloropropene. <i>Chemical Physics Letters</i> , 2016 , 661, 200-205	2.5	4
130	Finite element analyses of a linear-accelerator electron gun. <i>Review of Scientific Instruments</i> , 2014 , 85, 023304	1.7	4
129	Beltrami Fields in Partially Ionized Plasmas. <i>Journal of Fusion Energy</i> , 2012 , 31, 44-46	1.6	4
128	Note: Thermal analysis of the long line source electron gun. <i>Review of Scientific Instruments</i> , 2013 , 84, 056113	1.7	4
127	A review on 90Y-labeled compounds and biomolecules. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 1487-1496	1.5	4
126	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
125	Multiscale structures in a two-temperature relativistic electron-positron-ion plasma. <i>Journal of Plasma Physics</i> , 2013 , 79, 715-720	2.7	4
124	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

123	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
122	Micropropagation of <i>Tribulus terrestris</i> L., an important medicinal plant 1997 , 40, 202-205		4
121	Hard Water and Dyeing Properties: Effect of Pre- and Post-Mordanting on Dyeing Using <i>Eucalyptus globulus</i> and <i>Curcuma longa</i> Extracts. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 747-753	2.3	4
120	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
119	Estimating Total Phenolics in <i>Taraxacum officinale</i> (L.) Extracts. <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 497-501	2.3	4
118	Enhancing Profitability of Ethanol Fermentation through Gamma Ray Mutagenesis of <i>Saccharomyces cerevisiae</i> . <i>Polish Journal of Environmental Studies</i> , 2018 , 28, 35-41	2.3	4
117	Reducing water salinity using effective microorganisms. <i>Net Journal of Agricultural Science</i> , 2017 , 5, 114-120		4
116	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
115	COMPARITIVE STUDY OF PARTICULATE MATTER (PM ₁₀ AND PM _{2.5}) IN DALIAN-CHINA AND FAISALABAD-PAKISTAN. <i>Pakistan Journal of Agricultural Sciences</i> , 2016 , 53, 97-106	1.5	4
114	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
113	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
112	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
111	Kinetics, equilibrium and thermodynamics of dyes adsorption onto modified chitosan: a review. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	4
110	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
109	Pressure induced electronic, optical and thermoelectric properties of cubic BaZrO ₃ : A first principle calculations. <i>Optik</i> , 2021 , 239, 166694	2.5	4
108	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
107	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
106	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

105	Low temperature nucleation of Griffiths Phase in Co doped LaMnO ₃ nanostructures. <i>Applied Surface Science</i> , 2017 , 422, 184-191	6.7	3
104	Design and beam dynamics of a Transmission Electron Microscope electron gun assembly. <i>Vacuum</i> , 2019 , 165, 283-289	3.7	3
103	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
102	Simulation and test of a thermionic hairpin source DC electron beam gun. <i>Optik</i> , 2016 , 127, 1905-1908	2.5	3
101	Fenton and Photo-Fenton Oxidation for the Remediation of Textile Effluents: An Experimental Study 2019 , 235-251		3
100	Irradiation enhanced electric property of Palladium doped diamond like carbon thin films. <i>Materials Research Express</i> , 2019 , 6, 116447	1.7	3
99	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
98	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
97	Redox Mediators Assisted-degradation of Direct Yellow 4. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 2885-2890	2.3	3
96	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
95	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
94	Salinity tolerance at seedling stage for rice genotypes: In vitro analysis. <i>Net Journal of Agricultural Science</i> , 2017 , 5, 126-130	1	3
93	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
92	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
91	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
90	Band gap tuning of BaFe ₂ 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
89	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
88	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

87	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
86	Decomposition Kinetics of Levofloxacin: Drug-Excipient Interaction. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 117-128	3.1	3
85	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
84	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
83	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
82	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
81	Enhanced adsorption of Foron Black RD 3GRN dye onto sugarcane bagasse biomass and Na-alginate composite	216, 423-435	3
80	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
79	Remediation of pesticides using TiO based photocatalytic strategies: A review.. <i>Chemosphere</i> , 2022 , 134525	5.25	3
78	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
77	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
76	Bioremediation: A Green, Sustainable and Eco-Friendly Technique for the Remediation of Pollutants	2017, 263-311	2
75	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
74	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
73	Optimization of the hairpin-source electron gun using EGUN. <i>Vacuum</i> , 2014 , 101, 157-162	3.7	2
72	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
71	Tyrosine-priming modulates phenylpropanoid pathway in maize grown under different pH regimes. <i>Cereal Research Communications</i> , 2017 , 45, 214-224	1.1	2
70	Theory And Design Of Thermionic Electron Beam Guns	2005,	2

69	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
68	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
67	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
66	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
65	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
64	Biological approach to aflatoxin control in stored poultry feed. <i>Acta Veterinaria Brno</i> , 2017 , 86, 19-28	0.8	2
63	Production of Liquid Fuel from Polystyrene Waste: Process Optimization and Characterization of Pyrolyzates. <i>Combustion Science and Technology</i> , 1-14	1.5	2
62	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
61	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
60	Investigation of optical and thermoelectric properties of PbTiO ₃ under pressure. <i>Physica B: Condensed Matter</i> , 2021 , 615, 412857	2.8	2
59	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
58	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
57	Physical characteristics of NaTaO ₃ Under pressure for electronic devices. <i>Materials Science in Semiconductor Processing</i> , 2021 , 133, 105976	4.3	2
56	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
55	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
54	Online beam energy measurement of Beijing electron positron collider II linear accelerator. <i>Review of Scientific Instruments</i> , 2016 , 87, 023301	1.7	1
53	Electron gun jitter effects on beam bunching. <i>Review of Scientific Instruments</i> , 2014 , 85, 023303	1.7	1
52	Optimization of Electrostatic Focusing for Line Source Electron Beam Emitter Assembly. <i>Physics Procedia</i> , 2012 , 32, 891-895		1

51	Note: Characteristic beam parameter for the line electron gun. <i>Review of Scientific Instruments</i> , 2013 , 84, 116107	1.7	1
50	Diallelic analysis of quantitative traits in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Plant Biosystems</i> , 2010 , 144, 373-380	1.6	1
49	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
48	Design optimization of a hairpin electron source for electron beam welding. <i>Vacuum</i> , 2006 , 81, 499-501	3.7	1
47	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
46	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
45	Structural, electric and dielectric properties of perovskite based nanoparticles for energy applications. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 ,	3.1	1
44	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
43	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
42	Synthesis of Stable and Monodispersed Cobalt Nanoparticles and Their Application as Light-Driven Photocatalytic Agents for Dye Degradation 2020 , 123-150		1
41	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
40	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
39	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
38	Production and characterization of organic manure from liquorice residues. <i>Information Processing in Agriculture</i> , 2020 , 7, 233-241	4.2	1
37	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
36	Kinetic study of the pyrolysis of polypropylene over natural clay. <i>Journal of Polymer Engineering</i> , 2021 , 41, 646-653	1.4	1
35	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
34	Progress on CEPC 650 MHz klystron. <i>International Journal of Modern Physics A</i> , 2021 , 36, 2142011	1.2	1

33	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
32	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
31	Preparation, biodistribution and scintigraphic evaluation of (99m)Tc-lincomycin. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 1965-70	0.4	1
30	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	2.1	1
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	Monitoring of anti-aflatoxigenic activity of medicinal plants against Aspergillus flavus to protect stored layer hens feed. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-12	1.8	0
21	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
20	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
19	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
18	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
17	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
16	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

15	Investigation of electrochemical reduction and monitoring of p-nitrophenol on imprinted polymer modified electrode. <i>Synthetic Metals</i> , 2022 , 287, 117083	3.6	o
14	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	o
13	Simulation and test of a point focused electron beam emitter. <i>Instruments and Experimental Techniques</i> , 2017 , 60, 87-90	0.5	
12	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	
11	Agro-Industrial Wastes Composites as Novel Adsorbents 2017 , 391-431		
10	The beam energy feedback system for Beijing electron positron collider II linac. <i>Review of Scientific Instruments</i> , 2017 , 88, 035116	1.7	
9	Note: Simulation and test of a strip source electron gun. <i>Review of Scientific Instruments</i> , 2014 , 85, 0661067	0.7	
8	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	
7	Sustainable Ethanol Production: An Overview 2021 , 1-14		
6	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, 15593258271044062	2.3	
5	Longitudinal Jitter Analysis of a Linear Accelerator Electron Gun. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 350	2.6	
4	Confined focused sheet beam flow of a thermionic linear electron source. <i>Journal of Instrumentation</i> , 2019 , 14, P01001-P01001	1	
3	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	
2	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	
1	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	