

I Ali

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

584
papers

30,036
citations

86
h-index

160
g-index

617
ext. papers

34,430
ext. citations

4.3
avg, IF

8.03
L-index

#	Paper	IF	Citations
584	Climate Change 2013 [The Physical Science Basis: Working Group I Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change 2014 ,		2989
583	New generation adsorbents for water treatment. <i>Chemical Reviews</i> , 2012 , 112, 5073-91	68.1	1322
582	Chemical treatment technologies for waste-water recycling—n overview. <i>RSC Advances</i> , 2012 , 2, 6380	3.7	1118
581	Advances in water treatment by adsorption technology. <i>Nature Protocols</i> , 2006 , 1, 2661-7	18.8	955
580	Low cost adsorbents for the removal of organic pollutants from wastewater. <i>Journal of Environmental Management</i> , 2012 , 113, 170-83	7.9	779
579	Arsenic: occurrence, toxicity and speciation techniques. <i>Water Research</i> , 2000 , 34, 4304-4312	12.5	723
578	Effective removal of heavy metal ions Cd ²⁺ , Zn ²⁺ , Pb ²⁺ , Cu ²⁺ from aqueous solution by polymer-modified magnetic nanoparticles. <i>Journal of Hazardous Materials</i> , 2012 , 211-212, 366-72	12.8	560
577	Removal of lead and chromium from wastewater using bagasse fly ash—a sugar industry waste. <i>Journal of Colloid and Interface Science</i> , 2004 , 271, 321-8	9.3	537
576	Removal of cadmium and nickel from wastewater using bagasse fly ash—a sugar industry waste. <i>Water Research</i> , 2003 , 37, 4038-44	12.5	439
575	Defluoridation of wastewaters using waste carbon slurry. <i>Water Research</i> , 2007 , 41, 3307-16	12.5	346
574	Removal of chromium(VI) from aqueous solution using treated waste newspaper as a low-cost adsorbent: Kinetic modeling and isotherm studies. <i>Journal of Molecular Liquids</i> , 2016 , 215, 671-679	6	323
573	Chromium removal from water by activated carbon developed from waste rubber tires. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 1261-8	5.1	321
572	Removal of Rhodamine B, Fast Green, and Methylene Blue from Wastewater Using Red Mud, an Aluminum Industry Waste. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 1740-1747	3.9	319
571	Removal of lindane and malathion from wastewater using bagasse fly ash—a sugar industry waste. <i>Water Research</i> , 2002 , 36, 2483-90	12.5	318
570	Equilibrium uptake and sorption dynamics for the removal of a basic dye (basic red) using low-cost adsorbents. <i>Journal of Colloid and Interface Science</i> , 2003 , 265, 257-64	9.3	288
569	Health and environmental effects of persistent organic pollutants. <i>Journal of Molecular Liquids</i> , 2018 , 263, 442-453	6	284
568	Distinct 5-methylcytosine profiles in poly(A) RNA from mouse embryonic stem cells and brain. <i>Genome Biology</i> , 2017 , 18, 1	18.3	268

567	The Quest for Active Carbon Adsorbent Substitutes: Inexpensive Adsorbents for Toxic Metal Ions Removal from Wastewater. <i>Separation and Purification Reviews</i> , 2010 , 39, 95-171	7.3	249
566	Graphene based adsorbents for remediation of noxious pollutants from wastewater. <i>Environment International</i> , 2019 , 127, 160-180	12.9	246
565	Removal of endosulfan and methoxychlor from water on carbon slurry. <i>Environmental Science & Technology</i> , 2008 , 42, 766-70	10.3	244
564	Water Treatment by Adsorption Columns: Evaluation at Ground Level. <i>Separation and Purification Reviews</i> , 2014 , 43, 175-205	7.3	239
563	Adsorption studies on the removal of Vertigo Blue 49 and Orange DNA13 from aqueous solutions using carbon slurry developed from a waste material. <i>Journal of Colloid and Interface Science</i> , 2007 , 315, 87-93	9.3	225
562	Use of kaolinite as adsorbent: Equilibrium, dynamics and thermodynamic studies on the adsorption of Rhodamine B from aqueous solution. <i>Applied Clay Science</i> , 2012 , 69, 58-66	5.2	224
561	Adsorption of 2,4-D and carbofuran pesticides using fertilizer and steel industry wastes. <i>Journal of Colloid and Interface Science</i> , 2006 , 299, 556-63	9.3	219
560	Utilisation of bagasse fly ash (a sugar industry waste) for the removal of copper and zinc from wastewater. <i>Separation and Purification Technology</i> , 2000 , 18, 131-140	8.3	219
559	Removal of DDD and DDE from wastewater using bagasse fly ash, a sugar industry waste. <i>Water Research</i> , 2001 , 35, 33-40	12.5	209
558	Removal of Dyes from Wastewater Using Bottom Ash. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 3655-3664	3.9	200
557	COVID-19: Disease, management, treatment, and social impact. <i>Science of the Total Environment</i> , 2020 , 728, 138861	10.2	195
556	Removal of chlorophenols from wastewater using red mud: an aluminum industry waste. <i>Environmental Science & Technology</i> , 2004 , 38, 4012-8	10.3	193
555	Methods for preparation and activation of activated carbon: a review. <i>Environmental Chemistry Letters</i> , 2020 , 18, 393-415	13.3	192
554	Modeling of fenuron pesticide adsorption on CNTs for mechanistic insight and removal in water. <i>Environmental Research</i> , 2019 , 170, 389-397	7.9	173
553	Synthesis of composite iron nano adsorbent and removal of ibuprofen drug residue from water. <i>Journal of Molecular Liquids</i> , 2016 , 219, 858-864	6	172
552	Equilibrium uptake, isotherm and kinetic studies of Cd(II) adsorption onto iron oxide activated red mud from aqueous solution. <i>Journal of Molecular Liquids</i> , 2015 , 202, 165-175	6	171
551	Effect of metal-doping of TiO ₂ nanoparticles on their photocatalytic activities toward removal of organic dyes. <i>Egyptian Journal of Petroleum</i> , 2014 , 23, 419-426	3.4	163
550	Artificial neural network modelling of amido black dye sorption on iron composite nano material: Kinetics and thermodynamics studies. <i>Journal of Molecular Liquids</i> , 2018 , 250, 1-8	6	162

549	Removal of arsenic species from water by batch and column operations on bagasse fly ash. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3218-29	5.1	158
548	Green Synthesis of Iron Nano-Impregnated Adsorbent for Fast Removal of Fluoride from Water. <i>Journal of Molecular Liquids</i> , 2015 , 211, 457-465	6	157
547	Imidazoles as potential anticancer agents. <i>MedChemComm</i> , 2017 , 8, 1742-1773	5	156
546	Uptake of propranolol on ionic liquid iron nanocomposite adsorbent: Kinetic, thermodynamics and mechanism of adsorption. <i>Journal of Molecular Liquids</i> , 2017 , 236, 205-213	6	156
545	Molecular uptake of congo red dye from water on iron composite nano particles. <i>Journal of Molecular Liquids</i> , 2016 , 224, 171-176	6	155
544	Green synthesis of functionalized iron nano particles and molecular liquid phase adsorption of ametryn from water. <i>Journal of Molecular Liquids</i> , 2016 , 221, 1168-1174	6	150
543	Removal of arsenate from groundwater by electrocoagulation method. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1668-76	5.1	139
542	Removal of Arsenic from Water by Electrocoagulation and Electrodialysis Techniques. <i>Separation and Purification Reviews</i> , 2011 , 40, 25-42	7.3	138
541	Platinum compounds: a hope for future cancer chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 296-306	2.2	138
540	Advances in arsenic speciation techniques. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 947-964	1.8	136
539	Supra molecular mechanism of the removal of 17- β -Estradiol endocrine disturbing pollutant from water on functionalized iron nano particles. <i>Journal of Molecular Liquids</i> , 2017 , 241, 123-129	6	134
538	Sorption, kinetics and thermodynamics studies of atrazine herbicide removal from water using iron nano-composite material. <i>International Journal of Environmental Science and Technology</i> , 2016 , 13, 733-742	7.3	133
537	Microwave assisted economic synthesis of multi walled carbon nanotubes for arsenic species removal in water: Batch and column operations. <i>Journal of Molecular Liquids</i> , 2018 , 271, 677-685	6	133
536	Uptake of pantoprazole drug residue from water using novel synthesized composite iron nano adsorbent. <i>Journal of Molecular Liquids</i> , 2016 , 218, 465-472	6	129
535	Development of magnetic graphene oxide adsorbent for the removal and preconcentration of As(III) and As(V) species from environmental water samples. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 9759-73	5.1	126
534	Recent advances in syntheses, properties and applications of TiO nanostructures.. <i>RSC Advances</i> , 2018 , 8, 30125-30147	3.7	124
533	Water treatment by new-generation graphene materials: hope for bright future. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 7315-7329	5.1	121
532	Curcumin-I Knoevenagel α condensates and their Schiff α bases as anticancer agents: synthesis, pharmacological and simulation studies. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 3808-20	3.4	121

531	Heterocyclic Scaffolds: Centrality in Anticancer Drug Development. <i>Current Drug Targets</i> , 2015 , 16, 711-34	3.4	120
530	Arsenite removal from water by electro-coagulation on zinc and copper electrodes. <i>International Journal of Environmental Science and Technology</i> , 2013 , 10, 377-384	3.3	118
529	Advances in nano drugs for cancer chemotherapy. <i>Current Cancer Drug Targets</i> , 2011 , 11, 135-46	2.8	118
528	Removal of sebumeton herbicide from water on composite nanoadsorbent. <i>Desalination and Water Treatment</i> , 2016 , 57, 10409-10421		116
527	Novel and economic method of carbon nanotubes synthesis on a nickel magnesium oxide catalyst using microwave radiation. <i>Journal of Molecular Liquids</i> , 2018 , 253, 340-346	6	115
526	Facile and eco-friendly synthesis of functionalized iron nanoparticles for cyanazine removal in water. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 606-613	6	115
525	Stereoselective uptake and degradation of (±)-o,p-DDD pesticide stereomers in water-sediment system. <i>Chirality</i> , 2018 , 30, 1088-1095	2.1	113
524	Speciation of arsenic and chromium metal ions by reversed phase high performance liquid chromatography. <i>Chemosphere</i> , 2002 , 48, 275-8	8.4	113
523	Removal of Chromium(VI) from aqueous solution using guar gum nano zinc oxide biocomposite adsorbent. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S2388-S2398	5.9	110
522	Chiral separations of piperidine-2,6-dione analogues on Chiralpak IA and Chiralpak IB columns by using HPLC. <i>Talanta</i> , 2006 , 69, 1013-7	6.2	108
521	Empirical Formulae to Molecular Structures of Metal Complexes by Molar Conductance. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013 , 43, 1162-1170		106
520	Design and synthesis of thalidomide based dithiocarbamate Cu(II), Ni(II) and Ru(III) complexes as anticancer agents. <i>Polyhedron</i> , 2013 , 56, 134-143	2.7	106
519	Metal ion speciation and capillary electrophoresis: application in the new millennium. <i>Electrophoresis</i> , 2005 , 26, 3988-4002	3.6	105
518	Optimization strategies for HPLC enantioseparation of racemic drugs using polysaccharides and macrocyclic glycopeptide antibiotic chiral stationary phases. <i>Il Farmaco</i> , 2002 , 57, 513-29		104
517	Biogenesis of ZnO nanoparticles using leaf extract: anticancer and antimicrobial activities.. <i>RSC Advances</i> , 2019 , 9, 15357-15369	3.7	103
516	Polysaccharides Chiral Stationary Phases in Liquid Chromatography. <i>Separation and Purification Reviews</i> , 2009 , 38, 97-147	7.3	103
515	Kinetics, Thermodynamics, and Modeling of Amido Black Dye Photodegradation in Water Using Co/TiO Nanoparticles. <i>Photochemistry and Photobiology</i> , 2018 , 94, 935-941	3.6	101
514	Hyphenation in sample preparation: advancement from the micro to the nano world. <i>Journal of Separation Science</i> , 2008 , 31, 2040-53	3.4	98

513	Macrocyclic antibiotics as effective chiral selectors for enantiomeric resolution by liquid chromatography and capillary electrophoresis. <i>Chromatographia</i> , 2000 , 52, 679-691	2.1	98
512	Studies on the effect of alcohols on the chiral discrimination mechanisms of amylose stationary phase on the enantioseparation of nebivolol by HPLC. <i>Journal of Proteomics</i> , 2001 , 48, 175-88		97
511	Advances in chiral separations by nonaqueous capillary electrophoresis in pharmaceutical and biomedical analysis. <i>Electrophoresis</i> , 2014 , 35, 926-36	3.6	96
510	Impact of immobilized polysaccharide chiral stationary phases on enantiomeric separations. <i>Journal of Separation Science</i> , 2006 , 29, 762-9	3.4	96
509	Comparative study of the enantiomeric resolution of chiral antifungal drugs econazole, miconazole and sulconazole by HPLC on various cellulose chiral columns in normal phase mode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 441-6	3.5	95
508	Synthesis, DNA binding, hemolytic, and anti-cancer assays of curcumin I-based ligands and their ruthenium(III) complexes. <i>Medicinal Chemistry Research</i> , 2013 , 22, 1386-1398	2.2	94
507	Artificial neural network optimization for methyl orange adsorption onto polyaniline nano-adsorbent: Kinetic, isotherm and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2017 , 244, 189-200	6	94
506	Chiral separation of beta-adrenergic blockers on CelluCoat column by HPLC. <i>Talanta</i> , 2009 , 78, 458-63	6.2	94
505	Enantioseparation of some clinically used drugs by HPLC using cellulose Tris (3,5-dichlorophenylcarbamate) chiral stationary phase. <i>Biomedical Chromatography</i> , 2003 , 17, 113-7	1.7	94
504	Role of racemization in optically active drugs development. <i>Chirality</i> , 2007 , 19, 453-63	2.1	93
503	Chiral Separations By Liquid Chromatography And Related Technologies		93
502	Removal of dye from polluted water using novel nano manganese oxide-based materials. <i>Journal of Water Process Engineering</i> , 2019 , 32, 100911	6.7	92
501	Occurrence, sources and conventional treatment techniques for various antibiotics present in hospital wastewaters: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 129, 115921	14.6	92
500	Nano anti-cancer drugs: pros and cons and future perspectives. <i>Current Cancer Drug Targets</i> , 2011 , 11, 131-4	2.8	92
499	Enantioselective Toxicity and Carcinogenesis. <i>Current Pharmaceutical Analysis</i> , 2005 , 1, 109-125	0.6	88
498	Preparation of a carboxymethylcellulose-iron composite for uptake of atorvastatin in water. <i>International Journal of Biological Macromolecules</i> , 2019 , 132, 244-253	7.9	86
497	Biosorption of heavy metals by obligate halophilic fungi. <i>Chemosphere</i> , 2018 , 199, 218-222	8.4	86
496	Advances in chiral separations of small peptides by capillary electrophoresis and chromatography. <i>Journal of Separation Science</i> , 2014 , 37, 2447-66	3.4	85

495	Advances in enantiomeric resolution on monolithic chiral stationary phases in liquid chromatography and electrochromatography. <i>Journal of Separation Science</i> , 2014 , 37, 1033-57	3.4	84
494	Synthesis, DNA binding, hemolysis assays and anticancer studies of copper(II), nickel(II) and iron(III) complexes of a pyrazoline-based ligand. <i>Future Medicinal Chemistry</i> , 2013 , 5, 135-46	4.1	82
493	Mechanistic Principles in Chiral Separations Using Liquid Chromatography and Capillary Electrophoresis. <i>Chromatographia</i> , 2006 , 63, 295-307	2.1	81
492	Instrumental Methods in Metal Ion Speciation		81
491	Synthesis and characterization of ZSM-5 zeolite from rice husk ash and their adsorption of Pb ²⁺ onto unmodified and surfactant-modified zeolite. <i>Separation and Purification Technology</i> , 2011 , 83, 38-44	8.3	80
490	Application of advanced oxidation processes followed by different treatment technologies for hospital wastewater treatment. <i>Journal of Cleaner Production</i> , 2020 , 269, 122411	10.3	78
489	Determination of tadalafil in pharmaceutical preparation by HPLC using monolithic silica column. <i>Talanta</i> , 2005 , 65, 276-80	6.2	77
488	Bone morphogenetic proteins and their antagonists: current and emerging clinical uses. <i>British Journal of Pharmacology</i> , 2014 , 171, 3620-32	8.6	74
487	Recent development of super-wettable materials and their applications in oil-water separation. <i>Journal of Cleaner Production</i> , 2020 , 266, 121624	10.3	73
486	In vivo albumin labeling and lymphatic imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 208-13	11.5	73
485	Chemical modification of rubber wood with styrene in combination with a crosslinker: effect on dimensional stability and strength property. <i>Bioresource Technology</i> , 2003 , 88, 185-8	11	72
484	Chiral Analysis of Ibuprofen Residues in Water and Sediment. <i>Analytical Letters</i> , 2009 , 42, 1747-1760	2.2	71
483	Advances in carbon nanomaterials as lubricants modifiers. <i>Journal of Molecular Liquids</i> , 2019 , 279, 251-266	6	68
482	High performance removal and simulation studies of diuron pesticide in water on MWCNTs. <i>Journal of Molecular Liquids</i> , 2019 , 289, 111039	6	68
481	Phytogenic magnetic nanoparticles for wastewater treatment: a review. <i>RSC Advances</i> , 2017 , 7, 40158-40178	4.178	68
480	Metal-organic framework as a photocatalyst: Progress in modulation strategies and environmental/energy applications. <i>Progress in Energy and Combustion Science</i> , 2020 , 81, 100870	33.6	67
479	The current status of <i>Aureobasidium pullulans</i> in biotechnology. <i>Folia Microbiologica</i> , 2018 , 63, 129-140	2.8	67
478	HPLC enantiomeric resolution of neбиволol on normal and reversed amylose based chiral phases. <i>Die Pharmazie</i> , 2001 , 56, 214-6	1.5	67

477	Photocatalytic degradation performance of various types of modified TiO ₂ against nitrophenols in aqueous systems. <i>Journal of Cleaner Production</i> , 2019 , 231, 899-912	10.3	66
476	HPLC enantiomeric resolution of novel aromatase inhibitors on cellulose- and amylose-based chiral stationary phases under reversed phase mode. <i>Chirality</i> , 2000 , 12, 727-33	2.1	64
475	Adsorptive removal of Pb(II) and Zn(II) from water onto manganese oxide-coated sand: Isotherm, thermodynamic and kinetic studies. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2016 , 3, 287-300	1.3	64
474	Overview of microbes based fabricated biogenic nanoparticles for water and wastewater treatment. <i>Journal of Environmental Management</i> , 2019 , 230, 128-150	7.9	64
473	Cancer Hallmarks Analytics Tool (CHAT): a text mining approach to organize and evaluate scientific literature on cancer. <i>Bioinformatics</i> , 2017 , 33, 3973-3981	7.2	63
472	Recent trends in ultra-fast HPLC: new generation superficially porous silica columns. <i>Journal of Separation Science</i> , 2012 , 35, 3235-49	3.4	63
471	High performance removal of phenol from aqueous solution by magnetic chitosan based on response surface methodology and genetic algorithm. <i>Journal of Molecular Liquids</i> , 2019 , 285, 146-157	6	61
470	Synthesis and synergistic antifungal activities of a pyrazoline based ligand and its copper(II) and nickel(II) complexes with conventional antifungals. <i>Microbial Pathogenesis</i> , 2012 , 53, 66-73	3.8	61
469	Estrogen-like effects of cadmium in vivo do not appear to be mediated via the classical estrogen receptor transcriptional pathway. <i>Environmental Health Perspectives</i> , 2010 , 118, 1389-94	8.4	61
468	A Compendium of Volatile Organic Compounds (VOCs) Released By Human Cell Lines. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2112-31	4.3	61
467	Primary cutaneous posttransplant lymphoproliferative disorders in solid organ transplant recipients: a multicenter European case series. <i>American Journal of Transplantation</i> , 2013 , 13, 2146-53	8.7	60
466	Chiral Separation of β -Adrenergic Blockers in Human Plasma by SPE-HPLC. <i>Chromatographia</i> , 2011 , 73, 251-256	2.1	60
465	Syntheses, DNA binding and anticancer profiles of L-glutamic acid ligand and its copper(II) and ruthenium(III) complexes. <i>Medicinal Chemistry</i> , 2013 , 9, 11-21	1.8	59
464	Comparison of the chiral resolution of econazole, miconazole, and sulconazole by HPLC using normal-phase amylose CSPs. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 370, 951-5		59
463	Anticancer metallodrugs of glutamic acid sulphonamides: in silico, DNA binding, hemolysis and anticancer studies. <i>RSC Advances</i> , 2014 , 4, 29629-29641	3.7	58
462	2004 ,		58
461	Water photo splitting for green hydrogen energy by green nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 11564-11573	6.7	57
460	Glutamic acid and its derivatives: candidates for rational design of anticancer drugs. <i>Future Medicinal Chemistry</i> , 2013 , 5, 961-78	4.1	56

459	Chemical composition and antioxidant, antibacterial, allelopathic and insecticidal activities of essential oil of <i>Thymus algeriensis</i> Boiss. et Reut.. <i>Industrial Crops and Products</i> , 2015 , 77, 631-639	5.9	55
458	Kinetic modeling analysis for the removal of cesium ions from aqueous solutions using polyaniline titanotungstate. <i>Arabian Journal of Chemistry</i> , 2012 , 5, 109-119	5.9	55
457	Penetrating the Blood-Brain Barrier: Promise of Novel Nanoplatforms and Delivery Vehicles. <i>ACS Nano</i> , 2015 , 9, 9470-4	16.7	53
456	Equilibrium, kinetic and thermodynamic studies of Cr(VI) adsorption from aqueous solution onto manganese oxide coated sand grain (MOCSG). <i>Journal of Molecular Liquids</i> , 2017 , 236, 320-330	6	52
455	Synthesis and antimicrobial activity of zinc oxide nanoparticles against foodborne pathogens <i>Salmonella typhimurium</i> and <i>Staphylococcus aureus</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 17, 36-42	4.2	52
454	Ionic Liquids in HPLC and CE: A Hope for Future. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 332-339	2	51
453	Thalidomide: A Banned Drug Resurged into Future Anticancer Drug. <i>Current Drug Therapy</i> , 2012 , 7, 13-23	7	51
452	Removal of Copper(II) and Zinc(II) Ions in Water on a Newly Synthesized Polyhydroquinone/Graphene Nanocomposite Material: Kinetics, Thermodynamics and Mechanism. <i>ChemistrySelect</i> , 2019 , 4, 12708-12718	1.8	49
451	Sorption of cationic malachite green dye on phytogetic magnetic nanoparticles functionalized by 3-mercaptopropanoic acid.. <i>RSC Advances</i> , 2018 , 8, 8878-8897	3.7	47
450	Speciation of Metal Ions by Capillary Electrophoresis. <i>Critical Reviews in Analytical Chemistry</i> , 2002 , 32, 337-350	5.2	46
449	Facile synthesis and characterization of multi walled carbon nanotubes for fast and effective removal of 4-tert-octylphenol endocrine disruptor in water. <i>Journal of Molecular Liquids</i> , 2019 , 275, 41-48	6	46
448	Yield cultivation of magnetotactic bacteria and magnetosomes: A review. <i>Journal of Basic Microbiology</i> , 2017 , 57, 643-652	2.7	45
447	Resolution of enantiomeric mixtures of phenylthiohydantoin amino acids on (+)-tartaric acid-impregnated silica gel plates. <i>Journal of Chromatography A</i> , 1987 , 392, 460-3	4.5	45
446	Anodization of bismuth doped TiO ₂ nanotubes composite for photocatalytic degradation of phenol in visible light. <i>Catalysis Today</i> , 2017 , 282, 31-37	5.3	44
445	Advances in Nanocarriers for Anticancer Drugs Delivery. <i>Current Medicinal Chemistry</i> , 2016 , 23, 2159-87	4.3	44
444	Removal of malachite green from aqueous solution using waste pea shells as low-cost adsorbent □ adsorption isotherms and dynamics. <i>Toxicological and Environmental Chemistry</i> , 2014 , 96, 569-578	1.4	43
443	Recent updates on the adsorption capacities of adsorbent-adsorbate pairs for heat transformation applications. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 119, 109630	16.2	43
442	Enantiomeric resolution of multiple chiral centres racemates by capillary electrophoresis. <i>Biomedical Chromatography</i> , 2016 , 30, 683-94	1.7	43

441	Chiral Separations of Imidazole Antifungal Drugs on AmyCoat RP Column in HPLC. <i>Chromatographia</i> , 2009 , 70, 223-227	2.1	42
440	Separation and identification of curcuminoids in turmeric powder by HPLC using phenyl column. <i>Analytical Methods</i> , 2014 , 6, 2526-2536	3.2	41
439	The ACT-ONE trial, a multicentre, randomised, double-blind, placebo-controlled, dose-finding study of the anabolic/catabolic transforming agent, MT-102 in subjects with cachexia related to stage III and IV non-small cell lung cancer and colorectal cancer: study design. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2011 , 2, 201-207	10.3	41
438	Monolithic silica stationary phases in liquid chromatography. <i>Journal of Chromatographic Science</i> , 2009 , 47, 432-42	1.4	41
437	Treatment and remediation methods for arsenic removal from the ground water. <i>International Journal of Environmental Engineering</i> , 2011 , 3, 48	0.2	41
436	2009 ,		41
435	Analyses of anticancer drugs by capillary electrophoresis: a review. <i>Biomedical Chromatography</i> , 2013 , 27, 1296-311	1.7	40
434	Thermodynamic and kinetic studies of As(V) removal from water by zirconium oxide-coated marine sand. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5425-40	5.1	39
433	Enantio-separation of drugs with multiple chiral centers by chromatography and capillary electrophoresis. <i>Biomedical Chromatography</i> , 2014 , 28, 1514-24	1.7	39
432	Cyclooxygenase-2 polymorphisms, aspirin treatment, and risk for colorectal adenoma recurrence--data from a randomized clinical trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 2726-33	4	39
431	Determination of chiral ratio of o,p-DDT and o,p-DDD pesticides on polysaccharides chiral stationary phases by HPLC under reversed-phase mode. <i>Environmental Toxicology</i> , 2002 , 17, 329-33	4.2	39
430	Enantiomeric resolution of some imidazole antifungal agents on chirapak WH chiral stationary phase using HPLC. <i>Chromatographia</i> , 2001 , 54, 200-202	2.1	39
429	Development and application of novel bio-magnetic membrane capsules for the removal of the cationic dye malachite green in wastewater treatment.. <i>RSC Advances</i> , 2019 , 9, 3625-3646	3.7	38
428	Green preparation of activated carbon from pomegranate peel coated with zero-valent iron nanoparticles (nZVI) and isotherm and kinetic studies of amoxicillin removal in water. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 36732-36743	5.1	38
427	Progress in Polymeric Nano-Medicines for Theranostic Cancer Treatment. <i>Polymers</i> , 2020 , 12,	4.5	38
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