

A A Nayl

List of Publications by Year in descending order

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46
papers

1,449
citations

279798

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47
docs citations

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times ranked

1189
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Greenness Assessment of HPLC Method for Studying the Pharmacokinetics of Co-Administered Metformin and Papaya Extract. <i>Molecules</i> , 2022, 27, 375.	3.8	1
2	EGFR and COX-2 Dual Inhibitor: The Design, Synthesis, and Biological Evaluation of Novel Chalcones. <i>Molecules</i> , 2022, 27, 1158.	3.8	8
3	Preparation and characterization of layered-double hydroxides decorated on graphene oxide for dye removal from aqueous solution. <i>Journal of Materials Research and Technology</i> , 2022, 17, 2782-2795.	5.8	21
4	Design, Molecular Docking, Synthesis, Anticancer and Anti-Hyperglycemic Assessments of Thiazolidine-2,4-diones Bearing Sulfonylthiourea Moieties as Potent VEGFR-2 Inhibitors and PPAR β Agonists. <i>Pharmaceuticals</i> , 2022, 15, 226.	3.8	20
5	NanoTafla Nanocomposite as a Novel Low-Cost and Eco-Friendly Sorbent for Strontium and Europium Ions. <i>ACS Omega</i> , 2022, 7, 10447-10457.	3.5	6
6	The Chemical Profiling, Docking Study, and Antimicrobial and Antibiofilm Activities of the Endophytic fungi <i>Aspergillus</i> sp. AP5. <i>Molecules</i> , 2022, 27, 1704.	3.8	9
7	Recent Progress and Potential Biomedical Applications of Electrospun Nanofibers in Regeneration of Tissues and Organs. <i>Polymers</i> , 2022, 14, 1508.	4.5	17
8	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification. <i>Polymers</i> , 2022, 14, 1594.	4.5	33
9	Recent progress in the applications of silica-based nanoparticles. <i>RSC Advances</i> , 2022, 12, 13706-13726.	3.6	60
10	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation. <i>Molecules</i> , 2022, 27, 2940.	3.8	6
11	Preparation and Characterization of Magnetite Talc (Fe 3 O 4 @Talc) Nanocomposite as an Effective Adsorbent for Cr(VI) and Alizarin Red S Dye. <i>Materials</i> , 2022, 15, 3401.	2.9	9
12	Graphene Oxide@Heavy Metal Ions (GO@M) Complex Simulated Waste as an Efficient Adsorbent for Removal of Cationic Methylene Blue Dye from Contaminated Water. <i>Materials</i> , 2022, 15, 3657.	2.9	3
13	Adsorption of crystal violet and methylene blue dyes using a cellulose-based adsorbent from sugarcane bagasse: characterization, kinetic and isotherm studies. <i>Journal of Materials Research and Technology</i> , 2022, 19, 3241-3254.	5.8	75
14	Azides in the Synthesis of Various Heterocycles. <i>Molecules</i> , 2022, 27, 3716.	3.8	12
15	Fabrication and Characterization of Effective Biochar Biosorbent Derived from Agricultural Waste to Remove Cationic Dyes from Wastewater. <i>Polymers</i> , 2022, 14, 2587.	4.5	17
16	A novel adsorbent functionalized with tri-octylamine (TOA) to effective removal of Cr(VI) from sulfate medium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 121, 292-301.	5.3	1
17	Fabrication and characterization of a novel (GO/PAA/PAM) nanocomposite as effective adsorbent for cationic dyes. <i>Journal of Materials Research and Technology</i> , 2021, 15, 3807-3824.	5.8	8
18	Selective sorption of ^{134}Cs and ^{60}Co radioisotopes using synthetic nanocopper ferrocyanide-SiO 2 materials. <i>Separation and Purification Technology</i> , 2020, 234, 116060.	7.9	28

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19	Studying and spectral characterization for the separation of lanthanides from phosphate ore by organic and inorganic acids. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10276-10290.	5.8	7
20	A novel method for highly effective removal and determination of binary cationic dyes in aqueous media using a cottonâ€“graphene oxide composite. <i>RSC Advances</i> , 2020, 10, 7791-7802.	3.6	16
21	The nanomaterials and recent progress in biosensing systems: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 26, e00087.	10.3	35
22	Water as a solvent for Ruâ€“catalyzed click reaction: Highly efficient recyclable catalytic system for triazolocoumarins synthesis. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5156.	3.5	12
23	Recovery of Laminar LiCoO ₂ Materials from Spent Mobile Phone Batteries by High-Temperature Calcination. <i>Journal of Sustainable Metallurgy</i> , 2019, 5, 474-481.	2.3	7
24	Development of sponge/graphene oxide composite as eco-friendly filter to remove methylene blue from aqueous media. <i>Applied Surface Science</i> , 2019, 496, 143676.	6.1	29
25	Decontamination of organic pollutants from aqueous media using cotton fiberâ€“graphene oxide composite, utilizing batch and filter adsorption techniques: a comparative study. <i>RSC Advances</i> , 2019, 9, 5770-5785.	3.6	19
26	Extraction equilibria and kinetics of Ti(IV) from leached chloride liquors of ilmenite. <i>Rare Metals</i> , 2017, 36, 676-684.	7.1	2
27	Adsorption studies on the removal of COD and BOD from treated sewage using activated carbon prepared from date palm waste. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22284-22293.	5.3	53
28	Acid leaching of mixed spent Li-ion batteries. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3632-S3639.	4.9	144
29	Leaching and recovery of zinc and copper from brass slag by sulfuric acid. <i>Journal of Saudi Chemical Society</i> , 2016, 20, S280-S285.	5.2	76
30	Anticancer Evaluation of Tris(triazolyl)triazine Derivatives Generated via Click Chemistry. <i>Australian Journal of Chemistry</i> , 2016, 69, 905.	0.9	25
31	Adsorption kinetics and modeling of gadolinium and cobalt ions sorption by an ion-exchange resin. <i>Particulate Science and Technology</i> , 2016, 34, 716-724.	2.1	50
32	Kinetics and thermodynamics studies of cobalt, strontium and caesium sorption on marble from aqueous solution. <i>Chemistry and Ecology</i> , 2016, 32, 68-87.	1.6	43
33	Synthesis, Characterization and Catalytic Activity of Cu/Cu ₂ O Nanoparticles Prepared in Aqueous Medium. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, 169-174.	1.1	27
34	Solvent extraction of V(V) and Cr(III) from acidic leach liquors of ilmenite using Aliquat 336. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 4183-4191.	4.2	33
35	Selective extraction and separation of metal values from leach liquor of mixed spent Li-ion batteries. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 55, 119-125.	5.3	66
36	Investigation of some factors affecting on release of radon-222 from phosphogypsum waste associated with phosphate ore processing. <i>Journal of Environmental Radioactivity</i> , 2015, 145, 40-47.	1.7	20

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37	Liquid-Liquid Extraction and Separation of Divalent Manganese and Zinc by Na-CYANEX 272 from Sulfate Solution. Separation Science and Technology, 2014, 49, 290-297.	2.5	3
38	Cobalt separation from waste mobile phone batteries using selective precipitation and chelating resin. Journal of Material Cycles and Waste Management, 2014, 16, 739-746.	3.0	39
39	Recovery of pure $MnSO_4 \cdot H_2O$ by reductive leaching of manganese from pyrolusite ore by sulfuric acid and hydrogen peroxide. International Journal of Mineral Processing, 2011, 100, 116-123.	2.6	102
40	Extraction of palladium from nitrate solution by CYANEX 471X. International Journal of Mineral Processing, 2011, 101, 89-93.	2.6	24
41	Extraction and separation of Co(II) and Ni(II) from acidic sulfate solutions using Aliquat 336. Journal of Hazardous Materials, 2010, 173, 223-230.	12.4	92
42	A comparative study of vanadium extraction by Aliquat-336 from acidic and alkaline media with application to spent catalyst. International Journal of Mineral Processing, 2009, 92, 115-120.	2.6	71
43	Acid leaching of ilmenite decomposed by KOH. Hydrometallurgy, 2009, 97, 86-93.	4.3	34
44	Ammonium hydroxide decomposition of ilmenite slag. Hydrometallurgy, 2009, 98, 196-200.	4.3	26
45	Kinetics of acid leaching of ilmenite decomposed by KOH. Journal of Hazardous Materials, 2009, 168, 793-799.	12.4	33
46	Extraction and Separation of Zr(IV) and Hf(IV) from Nitrate Medium by Some CYANEX Extractants. Separation Science and Technology, 2009, 44, 2956-2970.	2.5	27