

Rahmiana Zein

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Removal of Pb(II), Cd(II) and Co(II) from aqueous solution using <i>Garcinia mangostana</i> L. fruit shell. <i>Journal of Hazardous Materials</i> , 2010, 181, 52-56.	12.4	116
2	<i>Terminalia catappa</i> shell as low-cost biosorbent for the removal of methylene blue from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 97, 188-199.	5.8	103
3	Biosorption of indigo carmine from aqueous solution by <i>Terminalia Catappa</i> shell. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104290.	6.7	74
4	The Use of Rice Husk for Removal of Toxic Metals from Waste Water. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 359-362.	2.2	69
5	The Use of Rice Husk for Removal of Phenol from Waste Water as Studied using 4-Aminoantipyrine Spectrophotometric Method. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 355-358.	2.2	48
6	Electrochemical Determination of Chromium(VI) in River Water with Gold Nanoparticles-Graphene Nanocomposites Modified Electrodes. <i>Analytical Sciences</i> , 2018, 34, 155-160.	1.6	45
7	Modification of rice husk silica with bovine serum albumin (BSA) for improvement in adsorption of metanil yellow dye. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2599-2612.	2.2	29
8	Indirect photometric detection of inorganic anions in microcolumn ion chromatography using octadecylsilica immobilized with bovine serum albumin as stationary phase. <i>Journal of Chromatography A</i> , 1996, 755, 37-42.	3.7	15
9	Anodic Stripping Voltammetry for the Determination of Trace Cr(VI) with Graphite/Styrene-Acrylonitrile Copolymer Composite Electrodes. <i>Analytical Sciences</i> , 2017, 33, 801-806.	1.6	14
10	Microcolumn ion chromatography of inorganic anions using bovine serum albumin stationary phase with indirect photometric detection. <i>Chromatographia</i> , 1996, 43, 304-308.	1.3	13
11	Shrimp shell (<i>Metapenaeus monoceros</i>) waste as a low-cost adsorbent for metanil yellow dye removal in aqueous solution. , 0, 197, 413-423.		13
12	Microcolumn ion chromatography of inorganic UV-absorbing anions using bovine serum albumin as stationary phases. <i>Analytica Chimica Acta</i> , 1996, 335, 261-266.	5.4	12
13	Adsorption of Cr(VI) in aqueous solution using sago bark (<i>Metroxylon sagu</i>) as a new potential biosorbent. , 0, 147, 191-202.		11
14	Microcolumn ion chromatography of inorganic monovalent cations with indirect photometric detection and a silica gel column. <i>Analytica Chimica Acta</i> , 1996, 334, 39-43.	5.4	10
15	Sugar palm <i>Arenga pinnata</i> Merr (Magnoliophyta) fruit shell as biomaterial to remove Cr(III), Cr(VI), Cd(II) and Zn(II) from aqueous solution. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2014, 63, 553-559.	1.4	10
16	The fast and of low-cost-adsorbent to the removal of cationic and anionic dye using chicken eggshell with its membrane. <i>Mediterranean Journal of Chemistry</i> , 2020, 10, 294-301.	0.7	10
17	Lemongrass (<i>Cymbopogon nardus</i>) leaves biowaste as an effective and low-cost adsorbent for methylene blue dyes removal: isotherms, kinetics, and thermodynamics studies. <i>Separation Science and Technology</i> , 2022, 57, 2341-2357.	2.5	10
18	Simultaneous Determination of Trace Amounts of Iron, Cobalt, Nickel and Chromium in Water Samples with Calcon as Complexing Agent by Adsorptive Stripping Voltammetry. <i>Asian Journal of Chemistry</i> , 2015, 27, 3978-3982.	0.3	9

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19	The improvement of indigo carmine dye adsorption by Terminalia catappa shell modified with broiler egg white. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13795-13812.	4.6	9
20	Application of a silica gel column for the simultaneous determination of alkali and alkaline-earth metal ions with indirect photometric detection using benzyltrimethylammonium chloride as visualization agent. <i>Analytica Chimica Acta</i> , 1997, 341, 225-228.	5.4	8
21	Liquid Chromatographic Determination of Alcohols in Food and Beverages with Indirect Polarimetric Detection Using a .BETA.-Cyclodextrin Mobile Phases.. <i>Analytical Sciences</i> , 2002, 18, 903-906.	1.6	6
22	Optimization Central Composite Design for The Simultaneous Determination of Cd(II) Ions in Fruit and Vegetable Samples by Adsorptive Stripping Voltammetry. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1493-1502.	0.3	6
23	Isolation of chitosan from shrimp shell (<i>Metapenaeus monoceros</i>) as adsorbent for removal of metanil yellow dyes. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1369-1383.	2.2	6
24	Indirect photometric detection of inorganic monovalent and divalent cations by microcolumn ion chromatography using 1,1'-dimethyl-4,4'-bipyridinium dichloride as visualization agent. <i>Analytica Chimica Acta</i> , 1999, 379, 33-37.	5.4	4
25	Application of microcolumn ion chromatography using octadecylsilica immobilized with bovine serum albumin as stationary phase for the determination of inorganic anions. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 466-468.	1.5	3
26	Isotherm and Kinetic Modeling of Pb(II) and Cu(II) Uptake by <i>Annona muricata</i> L. Seeds. <i>Asian Journal of Chemistry</i> , 2014, 26, 3588-3594.	0.3	3
27	Adsorptive Cathodic Stripping Voltammetric Method with Alizarin for the Simultaneous Determination of Cadmium, and Zinc in Water Samples. <i>Oriental Journal of Chemistry</i> , 2016, 32, 3071-3080.	0.3	3
28	Removal of Zinc onto Several Adsorbents Derived from Waste Activated Sludge of Crumb Rubber Industry (CRI-WAS). <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2018, 8, 157.	0.4	3
29	ANALYSIS METHOD OF ANTI-CANCER DRUG SEMUSTINE FOR CHEMOTHERAPY BY CYCLIC VOLTAMMETRY. <i>Rasayan Journal of Chemistry</i> , 2020, 13, 2045-2051.	0.4	3
30	Signal enhancement of inorganic anions by indirect photometric detection with anthraquinone-disulfonate as visualization agent in liquid chromatography. <i>Chromatographia</i> , 1996, 42, 591-592.	1.3	2
31	The ability of three types of adsorbents prepared from waste activated sludge of crumb rubber industry (CRI-WAS) for Cd(II) ion removal. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
32	Contribution of Activated Carbon Based on Cacao Peels (<i>Theobroma cacao</i> L.) to Improve the Well Water Quality (COLOR, BOD, and COD). <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 846, 012003.	0.6	2
33	Effect of Phaleria Macrocarpa Flesh Fruits Extract on MDA Level, SGOT and SGPT Activity in Serum of Experimental Rats Contaminated by Cd (II) Ion. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 3950-3954.	0.2	2
34	Protection Effects of <i>Nothopanax scutellarium</i> on Hepatotoxicity of Copper(II) Induced to Experimental Rats. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2020, 8, 283-286.	0.2	2
35	Isotherm and Kinetic Studies on the Adsorption Behavior of Metanil Yellow Dyes onto Modified Shrimp Shell-Polyethylenimine (SS-PEI). <i>Jurnal Kimia Valensi</i> , 2022, 8, 10-22.	0.1	2
36	The Effect of Cd (II) Metal Ion Induction to Organ Experiment Rats. <i>Journal of Physics: Conference Series</i> , 2019, 1230, 012097.	0.4	1

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37	A New Empirical Model for Heavy Metals Biosorption. Asian Journal of Chemistry, 2014, 26, 8093-8097.	0.3	0
38	Preparation and Characterization of Long Alkyl Chain Methacrylate-Based Monolithic Column for Capillary Chromatography in Separation of Alkylbenzene Compound. Asian Journal of Chemistry, 2014, 26, 3595-3599.	0.3	0
39	The Destructive Effects Cu (II) on Various Organs of Wistar Rats. Journal of Physics: Conference Series, 2019, 1230, 012043.	0.4	0
40	Phaleria Macrocarpa Crude Extract as Antidote for Cd (II) Contamination in Kidney Organs. , 2021, , .		0
41	Pembuatan Material Komposit Penjernih Air dari Campuran Perlit dan Ganggang Pensi. Chimica Et Natura Acta, 2020, 8, 119.	0.1	0