

Markku Laatikainen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrochemical leaching of rare-earth elements from spent NdFeB magnets. Hydrometallurgy, 2020, 192, 105264.	4.3	32
2	Copper removal by chelating adsorption in solution purification of hydrometallurgical zinc production. Hydrometallurgy, 2010, 104, 14-19.	4.3	29
3	Binding of transition metals by soluble and silica-bound branched poly(ethyleneimine). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 296, 191-205.	4.7	22
4	One-step recovery of REE oxalates in electro-leaching of spent NdFeB magnets. Separation and Purification Technology, 2020, 251, 117362.	7.9	20
5	Comparison of ion exchange process configurations for arsenic removal from natural waters. Desalination and Water Treatment, 2016, 57, 13770-13781.	1.0	14
6	Ion exchange in complexing media – Nickel removal from ammoniacal ammonium sulfate solutions. Chemical Engineering Journal, 2019, 373, 831-839.	12.7	14
7	Selective acid leaching of rare earth elements from roasted NdFeB magnets. Separation and Purification Technology, 2021, 278, 119571.	7.9	14
8	Effect of temperature on sorption of metals by silica-supported 2-(aminomethyl)pyridine. Part I: Binding equilibria. Reactive and Functional Polymers, 2010, 70, 48-55.	4.1	11
9	Effect of temperature on sorption of metals by silica-supported 2-(aminomethyl)pyridine. Part II: Sorption dynamics. Reactive and Functional Polymers, 2010, 70, 56-62.	4.1	10
10	Complexation of Nickel with 2-(Aminomethyl)pyridine at High Zinc Concentrations or in a Nonaqueous Solvent Mixture. Journal of Chemical & Engineering Data, 2014, 59, 2207-2214.	1.9	8
11	Phospholipid adsorption from vegetable oils on acid-activated sepiolite. Adsorption, 2015, 21, 409-417.	3.0	8
12	Evolution of the molar mass distribution of oat β -glucan during acid catalyzed hydrolysis in aqueous solution. Chemical Engineering Journal, 2020, 382, 122863.	12.7	8
13	Ion exchange of lanthanides with conventional and ion-imprinted resins containing sulfonic or iminodiacetic acid groups. Separation Science and Technology, 2021, 56, 203-216.	2.5	8
14	Recovery of metal oxoanions from basic solutions using cooperative sorption – Separation of Na ₂ MoO ₄ and NaOH. Chemical Engineering Journal, 2018, 341, 578-587.	12.7	5
15	Enhanced acid leaching of rare earths from NdCeFeB magnets. Minerals Engineering, 2022, 179, 107446.	4.3	5
16	Chelating adsorption with variable stoichiometry: Separation of nickel and zinc in concentrated sulfate solution. Chemical Engineering Journal, 2016, 287, 74-82.	12.7	4
17	Cooperative sorption of weak and strong electrolytes in microporous adsorbents. Microporous and Mesoporous Materials, 2017, 239, 86-95.	4.4	3