

# Markku Laatikainen

## List of Publications by Year in descending order

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