

Tatsuya Oshima

List of Publications by Year in descending order

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papers

603
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623188

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all docs

28
docs citations

28
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of phosphorylated bacterial cellulose as an adsorbent for metal ions. <i>Reactive and Functional Polymers</i> , 2008, 68, 376-383.	2.0	149
2	Selective Extraction and Recovery of Cytochrome c by Liquid-Liquid Extraction Using a Calix[6]arene Carboxylic Acid Derivative. <i>Langmuir</i> , 2005, 21, 7280-7284.	1.6	44
3	Extraction and separation of a lysine-rich protein by formation of supramolecule between crown ether and protein in aqueous two-phase system. <i>Analytica Chimica Acta</i> , 2010, 674, 211-219.	2.6	40
4	Cellulose aerogel regenerated from ionic liquid solution for immobilized metal affinity adsorption. <i>Carbohydrate Polymers</i> , 2014, 103, 62-69.	5.1	40
5	Adsorption of amino acid derivatives on calixarene carboxylic acid impregnated resins. <i>Reactive and Functional Polymers</i> , 2009, 69, 105-110.	2.0	39
6	Enzymatic polymerization of o-phenylenediamine with cytochrome c activated by a calixarene derivative in organic media. <i>Biochemical Engineering Journal</i> , 2007, 35, 66-70.	1.8	29
7	Enhancement of water solubility of indomethacin by complexation with protein hydrolysate. <i>International Journal of Pharmaceutics</i> , 2013, 453, 587-593.	2.6	27
8	Mutual separation of indium(III), gallium(III) and zinc(II) with alkylated aminophosphonic acids with different basicities of amine moiety. <i>Separation and Purification Technology</i> , 2017, 173, 37-43.	3.9	26
9	Biosorbents for Removing Hazardous Metals and Metalloids. <i>Materials</i> , 2017, 10, 857.	1.3	25
10	Liquid membrane transport of cytochrome c using a calix[6]arene carboxylic acid derivative as a carrier. <i>Journal of Membrane Science</i> , 2008, 307, 284-291.	4.1	24
11	Extraction of Catecholamines by Calixarene Carboxylic Acid Derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 55, 79-85.	1.6	21
12	Selective extraction of histidine derivatives by metal affinity with a copper(II)-chelating ligand complex in an aqueous two-phase system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 73-79.	1.2	15
13	Effect of structure of aromatic ethers on their extraction of Au(III) from acidic chloride media. <i>Hydrometallurgy</i> , 2019, 183, 207-212.	1.8	15
14	Au(III) extraction using ketone compounds with physical properties superior to current commercial extractants. <i>AIChE Journal</i> , 2021, 67, e17214.	1.8	15
15	Adsorption of histidine-containing dipeptides on copper(II) immobilized chelating resin from saline solution. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 116-122.	1.2	14
16	Enhancing the water dispersibility of paclitaxel by complexation with hydrophobic peptides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 408-415.	2.5	13
17	Recognition of exterior protein surfaces using artificial ligands based on calixarenes, crown ethers, and tetraphenylporphyrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 17-32.	1.6	12
18	Recognition of Lysine Residues on Protein Surfaces Using Calixarenes and its Application. <i>Current Drug Discovery Technologies</i> , 2007, 4, 220-228.	0.6	10

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19	Adsorption and concentration of histidine-containing dipeptides using divalent transition metals immobilized on a chelating resin. <i>Separation and Purification Technology</i> , 2009, 70, 79-86.	3.9	10
20	Development of highly water-dispersible complexes between coenzyme Q10 and protein hydrolysates. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 136, 104936.	1.9	10
21	Adsorption behavior of metal ions on alkylhistidine extractant impregnated resins: Effect of functional groups of histidine. <i>Separation and Purification Technology</i> , 2013, 114, 11-16.	3.9	5
22	Synergistic effect of nitrogen-containing donors on extraction of divalent metal ions using p-tert-octylphenoxyacetic acid. <i>Separation and Purification Technology</i> , 2015, 141, 301-306.	3.9	5
23	A hydrophobic peptide fraction that enhances the water dispersibility of curcumin. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 631-640.	4.3	5
24	Selective recovery of histidine-containing dipeptides based on metal affinity interactions using chemically modified dextran in combination with ultrafiltration. <i>Reactive and Functional Polymers</i> , 2010, 70, 103-109.	2.0	3
25	Improvements in the water dispersibility of paclitaxel by complexing with synthetic peptides derived from β -casein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 144-149.	2.5	3
26	Enhanced water dispersibility and Caco-2 cell monolayer permeability of quercetin by complexation with casein hydrolysate. <i>Journal of Food Science</i> , 2022, 87, 1174-1183.	1.5	2
27	Dominant structural factors for complexation and denaturation of proteins using carboxylic acid receptors. <i>Analytica Chimica Acta</i> , 2012, 710, 102-110.	2.6	1
28	Dominant factors that determine the dissolution state of complexes between poorly water-soluble ingredients and casein hydrolysate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112062.	2.5	1