

# Wataru Yoshida

## List of Publications by Year in descending order

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17  
papers

397  
citations

759190

12  
h-index

888047

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	DFT-Based investigation of Amicâ€“Acid extractants and their application to the recovery of Ni and Co from spent automotive Lithiumâ€“Ion batteries. <i>Separation and Purification Technology</i> , 2022, 281, 119898.	7.9	15
2	Amide-functionalised phosphonium-based ionic liquids as ligands for rhodium(<sc>iii</sc>) extraction. <i>RSC Advances</i> , 2021, 11, 9386-9394.	3.6	9
3	Transport of Rhodium(III) from Chloride Media across a Polymer Inclusion Membrane Containing an Ionic Liquid Metal Ion Carrier. <i>ACS Omega</i> , 2020, 5, 12989-12995.	3.5	10
4	Application of Ionic Liquids in Solvent Extraction of Platinum Group Metals. <i>Solvent Extraction Research and Development</i> , 2020, 27, 1-24.	0.4	20
5	Liquidâ€“Liquid Extraction of Cd(II) and Zn(II) Using a Novel Tetraalkylphosphonium-Based Ionic Liquid. <i>Journal of Chemical Engineering of Japan</i> , 2020, 53, 469-476.	0.6	5
6	Application of a Novel Phosphonium-Based Ionic Liquid to the Separation of Platinum Group Metals from Automobile Catalyst Leach Liquor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 3845-3852.	3.7	41
7	Separation and Recovery of Scandium from Sulfate Media by Solvent Extraction and Polymer Inclusion Membranes with Amic Acid Extractants. <i>ACS Omega</i> , 2019, 4, 21122-21130.	3.5	19
8	A Novel Binary-Extractant-Impregnated Resin for Selective Recovery of Scandium. <i>Journal of Chemical Engineering of Japan</i> , 2019, 52, 49-55.	0.6	17
9	Selective transport of scandium(III) across polymer inclusion membranes with improved stability which contain an amic acid carrier. <i>Journal of Membrane Science</i> , 2019, 572, 291-299.	8.2	55
10	Selective Separation and Recovery of Pt(IV) from Pd(II) through an Imidazolium-ionic-liquid-based Supported Liquid Membrane. <i>Analytical Sciences</i> , 2019, 35, 343-346.	1.6	11
11	Recovery of gold ions from discarded mobile phone leachate by solvent extraction and polymer inclusion membrane (PIM) based separation using an amic acid extractant. <i>Separation and Purification Technology</i> , 2019, 214, 156-161.	7.9	76
12	A polymer inclusion membrane composed of the binary carrier PC-88A and Versatic 10 for the selective separation and recovery of Sc. <i>RSC Advances</i> , 2018, 8, 8631-8637.	3.6	28
13	Selective Extraction of Scandium by a Long Alkyl Chain Carboxylic Acid/Organophosphonic Ester Binary Extractant. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 647-657.	2.0	24
14	Extraction and Separation of Pt and Pd by an Imidazolium-Based Ionic Liquid Combined with Phosphonium Chloride. <i>Solvent Extraction Research and Development</i> , 2017, 24, 97-104.	0.4	19
15	Extraction and Stripping Behavior of Platinum Group Metals Using an Amic-Acid-Type Extractant. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 521-526.	0.6	19
16	Development of novel adsorbent bearing aminocarbonylmethylglycine and its application to scandium separation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2779-2784.	3.2	21
17	Cu(II)-Imprinted Chitosan Derivative Containing Carboxyl Groups for the Selective Removal of Cu(II) from Aqueous Solution. <i>Journal of Chemical Engineering of Japan</i> , 2016, 49, 630-634.	0.6	8