Yoshito Wakui

List of Publications by Year
in descending order

37 papers	1,170 citations	516710 16 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	863 citing authors

#	Article	IF	Citations
1	Visual Detection of Selenium(IV) Using a Gallium(III) Complex Retained in a Support Filter. Bunseki Kagaku, 2022, 71, 77-82.	0.2	0
2	Visual Detection of Arsenic Using Hydride Generation Followed by Reaction with Silver Bis(2-ethylhexyl)dithiocarbamate Retained in a Support Filter. Analytical Sciences, 2014, 30, 683-686.	1.6	5
3	Preparation and characterization of epitaxial growth of ZnO nanotip arrays by hydrothermal method. Journal of Colloid and Interface Science, 2013, 395, 64-67.	9.4	4
4	Adsorption of Pd(II), Pt(IV), and Rh(III) on a Ligand Encapsulated Polymer Resin Assisted by Thermal Heating or Microwave Irradiation. Solvent Extraction and Ion Exchange, 2012, 30, 77-87.	2.0	7
5	Preparation of 2-(5-Bromo-2-pyridylazo)-5-diethylaminophenol Nanoparticle-coated Test Strip and Its Application to Detection of Trace Cadmium(II) by Immersion Test. Bunseki Kagaku, 2012, 61, 229-234.	0.2	2
6	Influence of CO2 and H2O on the separation of hydrogen over two types of Pd membranes: Thin metal membrane and pore-filling-type membrane. Journal of Membrane Science, 2012, 415-416, 85-92.	8.2	13
7	Development of a simplified separation process of trivalent minor actinides from fission products using novel R-BTP/SiO₂-P adsorbents. Journal of Nuclear Science and Technology, 2012, 49, 334-342.	1.3	18
8	Preparation and characterization of nanocrystalline ITO thin films on glass and clay substrates by ion-beam sputter deposition method. Applied Surface Science, 2011, 257, 8923-8928.	6.1	27
9	Properties of Indium Tin Oxide Thin Films Deposited on Glass and Clay Substrates by Ion-Beam Sputter Deposition Method. Japanese Journal of Applied Physics, 2011, 50, 01AK03.	1.5	7
10	Pd membrane with low metal content for hydrogen separation and a catalytic membrane reactor combined with a microwave heating system. Transactions of the Materials Research Society of Japan, 2011, 36, 221-224.	0.2	1
11	Rapid Adsorption of Rh(III) by Polyamine-functionalized Cellulose Fiber Combined with Microwave Irradiation. Chemistry Letters, 2010, 39, 1317-1318.	1.3	10
12	Evaluation Study on Properties of a Novel R-BTP Extraction Resin-From a Viewpoint of Simple Separation of Minor Actinides-. Journal of Ion Exchange, 2010, 21, 35-40.	0.3	16
13	Importance of the support material in thin palladium composite membranes for steady hydrogen permeation at elevated temperatures. Physical Chemistry Chemical Physics, 2009, 11, 8632.	2.8	43
14	Preparation of â€œpore-fillâ€•type Pdâ€“YSZâ€“Î³-Al2O3 composite membrane supported on Î±-Al2O3 tube for hydrogen separation. Journal of Membrane Science, 2008, 320, 436-441.	8.2	56
15	Strong Interaction at the Palladium/Alumina Interface of Membrane during Hydrogen Permeation at Elevated Temperature. Chemistry Letters, 2008, 37, 1004-1005.	1.3	24
16	Preparation and Hydrogen Permeation Properties of Thin Pd-Au Alloy Membranes Supported on Porous α-Alumina Tube. Materials Transactions, 2008, 49, 449-452.	1.2	22
17	Direct O2 Epoxidation of Propylene by the Membrane Reactor Loaded with Agâ€“Sr Catalyst. Chemistry Letters, 2007, 36, 1170-1171.	1.3	4
18	Supercritical Water Decomposition of Polyethylene Samples for the Determination of Their Trace Cadmium Content. Analytical Sciences, 2006, 22, 1461-1463.	1.6	5

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19	Hydrogen permeability study of the thin Pdâ€“Ag alloy membranes in the temperature range across the Î±â€“Î² phase transition. Journal of Membrane Science, 2006, 282, 370-374.	8.2	128
20	Fabrication of Hydrogen-Permeable Composite Membranes Packed with Palladium Nanoparticles. Advanced Materials, 2006, 18, 630-632.	21.0	83
21	Separation and Enrichment of Arsenic(V) with Composite Resin Beads Containing Magnetite Crystals. Analytical Sciences, 2005, 21, 433-435.	1.6	9
22	Preparation of palladium and silver alloy membrane on a porous Î±-alumina tube via simultaneous electroless plating. Journal of Membrane Science, 2005, 247, 21-27.	8.2	134
23	Solvent Extraction of Arsenic(V) with Dispersed Ultrafine Magnetite Particles.. Analytical Sciences, 2002, 18, 793-798.	1.6	10
24	Fluorometric Detection ofp-Chlorophenol by ZnTPP-Intercalated Dialkyl Ammonium Smectite. Chemistry Letters, 2002, 31, 776-777.	1.3	6
25	Uptake and Recovery of Platinum Group Metals Ions by Alginate Microcapsules Immobilizing Cyanex 302 Emulsions.. Journal of Nuclear Science and Technology, 2002, 39, 1008-1012.	1.3	14
26	Extraction of rare earth elements with 2-ethylhexyl hydrogen 2-ethylhexyl phosphonate impregnated resins having different morphology and reagent content. Reactive and Functional Polymers, 2001, 49, 189-195.	4.1	65
27	Recovery of metal values from spent nickelâ€“metal hydride rechargeable batteries. Journal of Power Sources, 1999, 77, 116-122.	7.8	131
28	Hydrometallurgical process for recovery of metal values from spent nickel-metal hydride secondary batteries. Hydrometallurgy, 1998, 50, 61-75.	4.3	194
29	Solvent Extraction of Lanthanide(III) with 1,3-Benzenedimethylbis(phenylphosphinic acid).. Analytical Sciences, 1998, 14, 819-821.	1.6	3
30	Extraction of Arsenic(III) with Macroporous Resin Impregnated with Bis(2-ethylhexyl)ammonium Bis(2-ethylhexyl)-dithiocarbamate.. Analytical Sciences, 1998, 14, 299-303.	1.6	16
31	Chromatographic Separation of Niobium and Tantalum in a Hydrofluoric Acid-Hydrochloric Acid System with Macroporous Polyacrylate Resin Beads.. Analytical Sciences, 1995, 11, 23-27.	1.6	2
32	Chromatographic separation and inductively coupled plasma atomic emission spectrometric determination of the rare earth metals contained in terbium. Analytica Chimica Acta, 1992, 262, 161-166.	5.4	19
33	Partition Coefficient of 21H,23H-Porphine and Its Metal(II) Complexes between Heptane and Nonaqueous Polar Solvents. Bulletin of the Chemical Society of Japan, 1991, 64, 2024-2026.	3.2	2
34	Selective Recovery of Trace Scandium from Acid Aqueous Solution with (2-Ethylhexyl hydrogen) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.6	34
35	Solvent Effect on the Liquidâ€“Liquid Partition of 21H,23H-Porphine between Various Organic Solvents and Acidic Aqueous Solutions. Bulletin of the Chemical Society of Japan, 1989, 62, 2520-2523.	3.2	3
36	Distribution of Rare Earth Elements between (2-Ethylhexyl Hydrogen) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (2-Ethylhexylphosphor 325-327.	1.6	49

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37	Stability Constants of Some Bivalent Metal Chelates of 3-Aryl-2,4-pentanedione in 75% v/v 1,4-Dioxane-Water Medium. Bulletin of the Chemical Society of Japan, 1984, 57, 3125-3129.	3.2	4