

# Ming-Yu Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,332  
citations

304743

22  
h-index

377865

34  
g-index

58  
all docs

58  
docs citations

58  
times ranked

703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation and recovery of chromium and vanadium from vanadium-containing chromate solution by ion exchange. <i>Hydrometallurgy</i> , 2013, 136, 31-35.	4.3	102
2	Recovery of iron from red mud by selective leach with oxalic acid. <i>Hydrometallurgy</i> , 2015, 157, 239-245.	4.3	98
3	Extraction of molybdenum and nickel from carbonaceous shale by oxidation roasting, sulphation roasting and water leaching. <i>Hydrometallurgy</i> , 2010, 102, 50-54.	4.3	62
4	Separation of V(IV) and Fe(III) from the acid leach solution of stone coal by D2EHPA/TBP. <i>Hydrometallurgy</i> , 2015, 153, 38-45.	4.3	61
5	A novel technology for vanadium and chromium recovery from V-Cr-bearing reducing slag. <i>Hydrometallurgy</i> , 2017, 171, 116-122.	4.3	59
6	A novel technology of molybdenum extraction from low grade Ni-Mo ore. <i>Hydrometallurgy</i> , 2009, 97, 126-130.	4.3	57
7	Homogeneous precipitation of As, Sb and Bi impurities in copper electrolyte during electrorefining. <i>Hydrometallurgy</i> , 2011, 105, 355-358.	4.3	55
8	Recovery of vanadium from stone coal acid leaching solution by coprecipitation, alkaline roasting and water leaching. <i>Hydrometallurgy</i> , 2012, 117-118, 108-115.	4.3	50
9	Leaching of vanadium from stone coal with sulfuric acid. <i>Rare Metals</i> , 2009, 28, 1-4.	7.1	48
10	Effect of vanadium occurrence state on the choice of extracting vanadium technology from stone coal. <i>Rare Metals</i> , 2008, 27, 112-115.	7.1	41
11	Recovery of vanadium during ammonium molybdate production using ion exchange. <i>Hydrometallurgy</i> , 2010, 104, 317-321.	4.3	39
12	A clean metallurgical process for separation and recovery of vanadium and chromium from V-Cr-bearing reducing slag. <i>Hydrometallurgy</i> , 2018, 181, 1-6.	4.3	38
13	Recovery of Iron from Chromium Vanadium-Bearing Titanomagnetite Concentrate by Direct Reduction. <i>Jom</i> , 2016, 68, 2698-2703.	1.9	35
14	Solvent extraction of molybdenum from acidic leach solution of Ni-Mo ore. <i>Rare Metals</i> , 2014, 33, 107-110.	7.1	33
15	Separation and recovery of vanadium and chromium from acidic leach solution of V-Cr-bearing reducing slag. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4702-4706.	6.7	32
16	Effect of oxidization on enrichment behavior of TiO <sub>2</sub> in titanium-bearing slag. <i>Rare Metals</i> , 2006, 25, 106-110.	7.1	30
17	Solvent extraction of vanadium from sulfuric acid solution. <i>Rare Metals</i> , 2009, 28, 209-211.	7.1	30
18	A review of processing technologies for vanadium extraction from stone coal. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2020, 129, 290-298.	0.2	30

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19	Iron recovery from the leached solution of red mud through the application of oxalic acid. <i>International Journal of Mineral Processing</i> , 2016, 157, 145-151.	2.6	28
20	A clean technology to separate and recover vanadium and chromium from chromate solutions. <i>Hydrometallurgy</i> , 2018, 177, 94-99.	4.3	26
21	Extraction of molybdenum from high-impurity ferromolybdenum by roasting with Na <sub>2</sub> CO <sub>3</sub> and CaO and leaching with water. <i>Hydrometallurgy</i> , 2011, 108, 214-219.	4.3	25
22	Isothermal precipitation and growth process of perovskite phase in oxidized titanium bearing slag. <i>Transactions of Nonferrous Metals Society of China</i> , 2008, 18, 459-462.	4.2	22
23	Extraction of Vanadium from Stone Coal by Microwave Assisted Sulfation Roasting. <i>Jom</i> , 2015, 67, 369-374.	1.9	22
24	Thermodynamic analysis for separation of vanadium and chromium in V(IV)-Cr(III)-H <sub>2</sub> O system. <i>Transactions of Nonferrous Metals Society of China</i> , 2018, 28, 567-573.	4.2	20
25	The role of CaO in the extraction of Ni and Mo from carbonaceous shale by calcification roasting, sulphation roasting and water leaching. <i>International Journal of Mineral Processing</i> , 2011, 100, 130-135.	2.6	18
26	Extraction of vanadium from stone coal by modified salt-roasting process. <i>Central South University</i> , 2011, 18, 1940-1944.	0.5	18
27	Extraction of molybdenum and nickel from Ni-Mo ore by acid leaching combined with chlorate oxidation and phosphate complexation. <i>Minerals Engineering</i> , 2018, 124, 63-67.	4.3	18
28	Recovery of chromium from vanadium precipitated solution by precipitation with lead salt and leaching with sodium carbonate. <i>Hydrometallurgy</i> , 2020, 198, 105501.	4.3	15
29	Cyclic metallurgical process for extracting V and Cr from vanadium slag: Part I. Separation and recovery of V from chromium-containing vanadate solution. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 807-816.	4.2	15
30	Separation of Iron Droplets From Titania Bearing Slag. <i>Journal of Iron and Steel Research International</i> , 2008, 15, 45-48.	2.8	14
31	Extraction of Molybdenum from Spent HDS Catalyst by Two-Stage Roasting Followed by Water Leaching. <i>Jom</i> , 2019, 71, 4681-4686.	1.9	14
32	Removal of silicon from vanadate solution using ion exchange and sodium aluminosilicate precipitation. <i>Hydrometallurgy</i> , 2011, 107, 133-136.	4.3	13
33	Existing form of Mo(VI) in acidic sulfate solution. <i>Rare Metals</i> , 2017, 36, 612-616.	7.1	13
34	Extraction of molybdenum and nickel from roasted Ni-Mo ore by hydrochloric acid leaching, sulphation roasting and water leaching. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 220-226.	4.2	13
35	Preparation of Vanadium Oxides from a Vanadium (IV) Strip Liquor Extracted from Vanadium-Bearing Shale Using an Eco-Friendly Method. <i>Metals</i> , 2018, 8, 994.	2.3	13
36	Recovery of Cr from vanadium-containing chromate solution with copper salt precipitation after V separation. <i>Hydrometallurgy</i> , 2019, 188, 157-160.	4.3	12

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37	Recovery of valuable metals from copper slag. Mining, Metallurgy and Exploration, 2020, 37, 1241-1251.	0.8	12
38	Separation of Mo(VI) and Fe(III) from the acid leaching solution of carbonaceous Ni-Mo ore by ion exchange. Hydrometallurgy, 2014, 142, 116-120.	4.3	11
39	A highly robust and reusable polyimide-supported nanosilver catalyst for the reduction of 4-nitrophenol. Journal of Materials Research, 2015, 30, 2713-2721.	2.6	9
40	A clean metallurgical process for vanadium precipitation from chromium-containing vanadate solution. Hydrometallurgy, 2021, 205, 105742.	4.3	9
41	Separation of vanadium and chromium in solution after vanadium precipitation by co-extraction with N263 and selective stripping with NaOH solution. Hydrometallurgy, 2022, 208, 105798.	4.3	9
42	Recovery of vanadium from the precipitate obtained by purifying the wash water formed in refining crude TiCl <sub>4</sub> . Hydrometallurgy, 2011, 110, 40-43.	4.3	8
43	Extraction of vanadium from V-Cr bearing reduced residue by selective oxidation combined with alkaline leaching. Canadian Metallurgical Quarterly, 2018, 57, 434-438.	1.2	7
44	Extraction of Molybdenum from Spent HDS Catalyst by Pressure Alkaline Leaching. Journal of Sustainable Metallurgy, 2021, 7, 773-782.	2.3	7
45	Effect of mechanical activation on extraction of vanadium from chromium-containing vanadate solution by calcification and carbonization. Hydrometallurgy, 2021, 201, 105591.	4.3	6
46	Separation of Co(II) and Ni(II) from Hydrochloric Acid Leach Liquor by Solvent Extraction and Crystallization. Journal of Sustainable Metallurgy, 2022, 8, 91-101.	2.3	6
47	Adsorption behavior of molybdenum onto D314 ion exchange resin. Journal of Central South University, 2014, 21, 4445-4449.	3.0	5
48	Cyclic metallurgical process for extracting V and Cr from vanadium slag: Part II. Separation and recovery of Cr from vanadium precipitated solution. Transactions of Nonferrous Metals Society of China, 2021, 31, 2852-2860.	4.2	5
49	Extraction of molybdenum from acidic leach solution of Ni-Mo ore by solvent extraction using tertiary amine N235. Canadian Metallurgical Quarterly, 2017, 56, 426-431.	1.2	5
50	A novel technology for the production of crystal Cr <sub>2</sub> O <sub>3</sub> with V-Cr-bearing reducing slag. Journal of Environmental Chemical Engineering, 2020, 8, 103799.	6.7	4
51	Recovery of Aluminum from Molybdenum Extraction Residue of Spent Hydrodesulfurization Catalyst. Journal of Sustainable Metallurgy, 2020, 6, 375-382.	2.3	3
52	Separation and Recovery of Chromium from Solution After Vanadium Precipitation. Mining, Metallurgy and Exploration, 2021, 38, 289-297.	0.8	3
53	Removal of Fluorine from Zinc Electrolyte by Cerium Silicate. Journal of Sustainable Metallurgy, 2021, 7, 1425-1433.	2.3	2
54	Extraction of chromium from tannery sewage sludge. Canadian Metallurgical Quarterly, 0, , 1-7.	1.2	1

#	ARTICLE	IF	CITATIONS
55	Kinetics of Extracting Vanadium from Stonecoal by Alkali Leaching. , 2016, , 159-165.		0