

# Wei-Sheng Chen

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Photocatalytic Performance of Ag-Decorated SiO <sub>2</sub> Nanoparticles (NPs) and Binding Ability between Ag NPs and Modifiers. <i>Coatings</i> , 2022, 12, 146.	2.6	7
2	Modified Activated Carbon for Copper Ion Removal from Aqueous Solution. <i>Processes</i> , 2022, 10, 150.	2.8	26
3	Recovery of Tantalum and Manganese from Epoxy-Coated Solid Electrolyte Tantalum Capacitors through Selective Leaching and Chlorination Processes. <i>Materials</i> , 2022, 15, 656.	2.9	5
4	Hydrometallurgical Recovery of Iron, Nickel, and Chromium from Stainless Steel Sludge with Emphasis on Solvent Extraction and Chemical Precipitation. <i>Processes</i> , 2022, 10, 748.	2.8	7
5	High-yield recycling and recovery of copper, indium, and gallium from waste copper indium gallium selenide thin-film solar panels. <i>Solar Energy Materials and Solar Cells</i> , 2022, 241, 111691.	6.2	18
6	Recycling Vanadium and Proton-Exchange Membranes from Waste Vanadium Flow Batteries through Ion Exchange and Recast Methods. <i>Materials</i> , 2022, 15, 3749.	2.9	1
7	Separation of Sn, Sb, Bi, and Cu from Tin Anode Slime by Solvent Extraction and Chemical Precipitation. <i>Metals</i> , 2021, 11, 515.	2.3	0
8	Recovery of Valuable Materials from the Waste Crystalline-Silicon Photovoltaic Cell and Ribbon. <i>Processes</i> , 2021, 9, 712.	2.8	20
9	Recovery of Alkaline Earth Metals from Desalination Brine for Carbon Capture and Sodium Removal. <i>Water (Switzerland)</i> , 2021, 13, 3463.	2.7	10
10	Recovery of Rubidium and Cesium Resources from Brine of Desalination through t-BAMBP Extraction. <i>Metals</i> , 2020, 10, 607.	2.3	26
11	Recovery of Gallium from Simulated GaAs Waste Etching Solutions by Solvent Extraction. <i>Sustainability</i> , 2020, 12, 1765.	3.2	5
12	Separation of Cerium Oxide Abrasive and Glass Powder in an Abrasive-Glass Polishing Waste by Means of Liquid-Liquid Powder Extraction Method for Recovery: A Comparison of Using a Cationic and an Anionic Surfactant Collector. <i>Sustainability</i> , 2020, 12, 4662.	3.2	1
13	Recovery of Gallium and Indium from Waste Light Emitting Diodes. <i>Journal of the Korean Institute of Resources Recycling</i> , 2020, 29, 81-88.	0.4	2
14	Hydrometallurgical Process for Tantalum Recovery from Epoxy-Coated Solid Electrolyte Tantalum Capacitors. <i>Materials</i> , 2019, 12, 1220.	2.9	18
15	Purification of Lithium Carbonate from Sulphate Solutions through Hydrogenation Using the Dowex G26 Resin. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2252.	2.5	11
16	Recovery of Valuable Metals from Lithium-Ion Batteries NMC Cathode Waste Materials by Hydrometallurgical Methods. <i>Metals</i> , 2018, 8, 321.	2.3	106
17	RECOVERY OF SILICON, COPPER AND ALUMINUM FROM SCRAP SILICON WAFERS BY LEACHING AND PRECIPITATION. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 561-568.	0.6	4
18	Recovery Zinc and Manganese from Spent Battery Powder by Hydrometallurgical Route. <i>Energy Procedia</i> , 2017, 107, 167-174.	1.8	47

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19	Recovery and Separation of Valuable Metals from Cathode Materials of Spent Lithium-Ion Batteries (LIBs) by Ion Exchange. <i>Science of Advanced Materials</i> , 2017, 9, 2155-2160.	0.7	18
20	The Separation of Indium and Copper from Spent Cu-In Targets. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 274-279.	2.1	6
21	Recovery of cupric oxide from copper-containing wastewater sludge by acid leaching and ammonia purification process. <i>Desalination and Water Treatment</i> , 2012, 47, 120-129.	1.0	3
22	Mechanical and Dielectric Properties of NiZn Ferrite Powders-CTBN Modified Epoxy Resin Coatings. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 568-572.	1.9	13