

Huachang Jin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polarity reversal electrochemical process for water softening. Separation and Purification Technology, 2019, 210, 943-949.	7.9	42
2	Electrochemical water softening using air-scoured washing for scale detachment. Separation and Purification Technology, 2018, 191, 216-224.	7.9	38
3	Continuous Multistage Electrochemical Precipitation Reactor for Water Softening. Industrial & Engineering Chemistry Research, 2019, 58, 461-468.	3.7	34
4	Current Pulsated Electrochemical Precipitation for Water Softening. Industrial & Engineering Chemistry Research, 2018, 57, 6585-6593.	3.7	31
5	Membrane-based electrochemical precipitation for water softening. Journal of Membrane Science, 2020, 597, 117639.	8.2	26
6	Pseudocapacitive Ti/RuO ₂ -IrO ₂ -RhO _x electrodes with high bipolar stability for phenol degradation. Separation and Purification Technology, 2021, 263, 118395.	7.9	21
7	High-performance Ti/IrO ₂ -RhO _x -TiO ₂ /I [±] -PbO ₂ /I ² -PbO ₂ electrodes for scale inhibitors degradation. Chemical Engineering Journal, 2022, 435, 135167.	12.7	15
8	High-Performance Ti/IrO ₂ -RhO _x -Ta ₂ O ₅ Electrodes for Polarity Reversal Applications. Industrial & Engineering Chemistry Research, 2021, 60, 4310-4320.	3.7	13
9	Synthesis and characterization of an amphoteric resin for use in membrane-free electrodeionization. Separation and Purification Technology, 2021, 272, 118857.	7.9	5
10	Amphoteric blend ion exchange resin with medium-strength alkalinity for high-purity water production in membrane-free electrodeionization. Desalination, 2022, 529, 115663.	8.2	4
11	Periodic bipolar operation of Ti/RuO ₂ -IrO ₂ -RhO _x electrodes for in-situ polymeric product desorption in recalcitrant contaminant degradation: From pseudocapacitive stabilization to model simulation. Chemical Engineering Journal, 2022, 448, 137497.	12.7	3