

# Yanhe Nie

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Reduction of Au(I) from a High-Concentration Thiosulfate Solution for Gold Recovery Using One-Step Heat-Treated High-Sulfur Coal. ACS Sustainable Chemistry and Engineering, 2022, 10, 5875-5887.	6.7	4
2	Efficient and selective removal of Pb(II) from aqueous solution by modification crofton weed: Experiment and density functional theory calculation. Journal of Cleaner Production, 2021, 280, 124407.	9.3	81
3	The copper ion reduction and oxidation cycle during the cathodic process of gold thiosulfate leaching. Asia-Pacific Journal of Chemical Engineering, 2021, 16, .	1.5	1
4	Use of dry grinding process to increase the leaching of gold from a roasted concentrate containing hematite in the thiosulfate system. Hydrometallurgy, 2021, 201, 105582.	4.3	7
5	Analysis of Highly Efficient Adsorption of Au(S <sub>2</sub> O <sub>3</sub> ) <sub>2</sub> <sup>3-</sup> by Calcined Cu/Fe Layered Double Hydroxides. ACS Omega, 2021, 6, 22126-22136.	3.5	6
6	Effective utilization of calcined MgAl-layered double hydroxides for adsorption of gold (I) thiosulfate complexes. Journal of Environmental Chemical Engineering, 2021, 9, 105273.	6.7	16
7	The effect of tetrathionate on the anodic process of gold thiosulfate leaching. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2385.	1.5	0
8	Increase in gold dissolution in copper ammonia thiosulfate solution via cobalt surface modification. Hydrometallurgy, 2020, 197, 105473.	4.3	4
9	Eco-friendly and economical extraction of gold from a refractory gold ore in iodide solution using persulfate as the oxidant. Hydrometallurgy, 2020, 198, 105502.	4.3	10
10	Micromechanism Study of Strengthening Effect of Copper on Gold Thiosulfate Leaching. ACS Omega, 2020, 5, 31801-31809.	3.5	3
11	Extraction of gold from refractory gold ore using bromate and ferric chloride solution. Minerals Engineering, 2019, 136, 89-98.	4.3	23
12	Grafting of organic sulfur-containing functional groups on activated carbon for gold(I) adsorption from thiosulfate solution. Hydrometallurgy, 2019, 185, 102-110.	4.3	41
13	Effect of tetrathionate on thiosulfate leaching of gold in copper-ammonia system. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2173.	1.5	5
14	Substitution Recovery of Gold from Copper-Ethylenediamine-Thiosulfate Leaching Solution with Copper Power. Russian Journal of Non-Ferrous Metals, 2018, 59, 261-268.	0.6	4
15	The Effect of Ammonia on the Anodic Process of Gold in Copper-Free Thiosulfate Solution. Journal of the Electrochemical Society, 2016, 163, E123-E129.	2.9	15
16	Adsorption of the gold-thiosulfate complex ion onto cupric ferrocyanide (CuFC)-impregnated activated carbon in aqueous solutions. Hydrometallurgy, 2015, 154, 111-117.	4.3	45
17	The effect of cobalt and nickel ions on gold dissolution in a thiosulfate-ethylenediamine (en)-Cu <sup>2+</sup> system. Minerals Engineering, 2015, 83, 205-210.	4.3	24