Paul Breuer

List of Publications by Year
in descending order

38 papers	1,353 citations	331670 21 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	791 citing authors

#	Article	IF	Citations
1	Thiosulfate leaching kinetics of gold in the presence of copper and ammonia. Minerals Engineering, 2000, 13, 1071-1081.	4.3	125
2	An electrochemical study of gold leaching in thiosulfate solutions containing copper and ammonia. Hydrometallurgy, 2002, 65, 145-157.	4.3	108
3	A review of copper cyanide recovery technologies for the cyanidation of copper containing gold ores. Minerals Engineering, 2012, 25, 1-13.	4.3	106
4	A kinetic study that compares the leaching of gold in the cyanide, thiosulfate, and chloride systems. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2001, 32, 979-986.	2.1	90
5	The reduction of copper(II) and the oxidation of thiosulfate and oxysulfur anions in gold leaching solutions. Hydrometallurgy, 2003, 70, 163-173.	4.3	76
6	A review of factors affecting gold leaching in non-ammoniacal thiosulfate solutions including degradation and in-situ generation of thiosulfate. Hydrometallurgy, 2018, 178, 151-175.	4.3	73
7	The cyanide leaching of gold in solutions containing sulfide. Minerals Engineering, 2000, 13, 1097-1106.	4.3	71
8	The impact of thiosulfate oxidation products on the oxidation of gold in ammonia thiosulfate solutions. Minerals Engineering, 2003, 16, 265-271.	4.3	62
9	Review of trace toxic elements (Pb, Cd, Hg, As, Sb, Bi, Se, Te) and their deportment in gold processing. Part 1: Mineralogy, aqueous chemistry and toxicity. Hydrometallurgy, 2011, 107, 91-100.	4.3	55
10	Cyanide measurement by silver nitrate titration: Comparison of rhodanine and potentiometric end-points. Hydrometallurgy, 2011, 106, 135-140.	4.3	52
11	Leaching of gold and copper minerals in cyanide deficient copper solutions. Hydrometallurgy, 2005, 78, 156-165.	4.3	51
12	Copper catalysed oxidation of thiosulfate by oxygen in gold leach solutions. Minerals Engineering, 2003, 16, 21-30.	4.3	46
13	Review of trace toxic elements (Pb, Cd, Hg, As, Sb, Bi, Se, Te) and their deportment in gold processing. Hydrometallurgy, 2012, 111-112, 10-21.	4.3	45
14	The importance of controlling oxygen addition during the thiosulfate leaching of gold ores. International Journal of Mineral Processing, 2003, 72, 323-330.	2.6	44
15	The effect of additives and impurities on the cobalt electrowinning process. Minerals Engineering, 2000, 13, 1231-1241.	4.3	43
16	Cyanide and copper cyanide recovery by activated carbon. Minerals Engineering, 2009, 22, 469-476.	4.3	39
17	Comparison of activated carbon and ion-exchange resins in recovering copper from cyanide leach solutions. Hydrometallurgy, 2010, 101, 48-57.	4.3	37
18	A mechanistic model of the equilibrium adsorption of copper cyanide species onto activated carbon. Hydrometallurgy, 2010, 101, 99-107.	4.3	33

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19	Mechanisms of sulfide ion oxidation during cyanidation. Part I: The effect of lead(II) ions. Minerals Engineering, 2008, 21, 579-586.	4.3	27
20	Feasibility of electrokinetic in situ leaching of gold. Hydrometallurgy, 2018, 175, 70-78.	4.3	25
21	A kinetic and electrochemical study of the ammonia cyanide process for leaching gold in solutions containing copper. Minerals Engineering, 2002, 15, 1173-1180.	4.3	22
22	Leaching and electrochemistry of gold, silver and goldâ€“silver alloys in cyanide solutions: Effect of oxidant and lead(II) ions. Hydrometallurgy, 2013, 133, 139-148.	4.3	22
23	Mechanisms of sulfide ion oxidation during cyanidation. Part II: Surface catalysis by pyrite. Minerals Engineering, 2009, 22, 1166-1172.	4.3	16
24	Electrokinetic in situ leaching of gold from intact ore. Hydrometallurgy, 2018, 178, 124-136.	4.3	16
25	The effect of ionic strength and buffer choice on the decomposition of tetrathionate in alkaline solutions. Hydrometallurgy, 2004, 72, 335-338.	4.3	14
26	The development of a flow injection analysis method for the quantification of free cyanide and copper cyanide complexes in gold leaching solutions. Hydrometallurgy, 2005, 76, 87-96.	4.3	12
27	Cyanide detoxification of gold cyanidation tails and process streams. Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy, 2012, 121, 228-236.	0.6	11
28	Title is missing!. Journal of Applied Electrochemistry, 2002, 32, 1167-1174.	2.9	9
29	Considerations and potential economic advantages for the in-situ recovery of gold from deep, hard-rock deposits. Minerals Engineering, 2018, 121, 14-22.	4.3	5
30	A comparison of electrochemical methods and the rotating electrochemical quartz crystal microbalance for measuring hydrometallurgical reaction kinetics. Hydrometallurgy, 2005, 79, 69-79.	4.3	4
31	Electrowinning of Copper from Copper Cyanide Solutions at Low pH. ECS Transactions, 2010, 28, 281-294.	0.5	4
32	A fundamental investigation of the Caro's acid cyanide destruction process. Canadian Metallurgical Quarterly, 2015, 54, 261-268.	1.2	4
33	INCO Cyanide destruction insights from plant reviews and laboratory evaluations. Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy, 2020, 129, 104-113.	0.2	4
34	Design of a Flow-Through Cell for Analysis of Thiosulfate in Solutions Containing Copper and Ammonia. Journal of the Electrochemical Society, 2004, 151, D51.	2.9	1
35	Selective elution of gold, silver and mercury cyanide from activated carbon. Mining, Metallurgy and Exploration, 2010, 27, 205-211.	0.8	1
36	Monitoring and minimisation of HCN(g) emissions from a gold plant. Minerals Engineering, 2008, 21, 434-442.	4.3	0

#	Article	IF	Citations
37	Modeling the equilibrium loading of gold onto activated carbon from complex cyanide solutions. Mining, Metallurgy and Exploration, 2010, 27, 190-195.	0.8	0
38	The Pyrite Catalysed Oxidation of Sulfide Ions. ECS Transactions, 2010, 28, 165-177.	0.5	0