

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	3,373 citations	32 h-index	58 g-index
67 ext. papers	3,804 ext. citations	5.1 avg, IF	5.54 L-index

#	Paper	IF	Citations
63	Aqueous metal recovery techniques from e-scrap: Hydrometallurgy in recycling. <i>Minerals Engineering</i> , 2012 , 25, 28-37	4.9	468
62	Effect of properties of tailings and binder on the short-and long-term strength and stability of cemented paste backfill. <i>Materials Letters</i> , 2005 , 59, 3703-3709	3.3	213
61	Cemented paste backfill of sulphide-rich tailings: Importance of binder type and dosage. <i>Cement and Concrete Composites</i> , 2009 , 31, 268-274	8.6	158
60	Utilisation of alkali-activated blast furnace slag in paste backfill of high-sulphide mill tailings: Effect of binder type and dosage. <i>Minerals Engineering</i> , 2012 , 30, 33-43	4.9	147
59	Current scenario of chalcopryrite bioleaching: a review on the recent advances to its heap-leach technology. <i>Bioresource Technology</i> , 2015 , 196, 694-706	11	139
58	Utilization of industrial waste products as pozzolanic material in cemented paste backfill of high sulphide mill tailings. <i>Journal of Hazardous Materials</i> , 2009 , 168, 848-56	12.8	129
57	Recent advances on hydrometallurgical recovery of critical and precious elements from end of life electronic wastes - a review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019 , 49, 212-275	11.1	127
56	Utilization of flotation wastes of copper slag as raw material in cement production. <i>Journal of Hazardous Materials</i> , 2008 , 159, 390-5	12.8	114
55	Bioleaching of complex zinc sulphides using mesophilic and thermophilic bacteria: comparative importance of pH and iron. <i>Hydrometallurgy</i> , 2004 , 73, 293-303	4	111
54	Extraction of metals from waste printed circuit boards (WPCBs) in H ₂ SO ₄ -CuSO ₄ -NaCl solutions. <i>Hydrometallurgy</i> , 2013 , 139, 30-38	4	97
53	Bioleaching of copper from low grade scrap TV circuit boards using mesophilic bacteria. <i>Hydrometallurgy</i> , 2013 , 138, 65-70	4	95
52	Biohydrometallurgy of secondary metal resources: a potential alternative approach for metal recovery. <i>Journal of Chemical Technology and Biotechnology</i> , 2013 , 88, 2115-2132	3.5	95
51	Adsorption of As(V) from water using Mg-Fe-based hydrotalcite (FeHT). <i>Journal of Hazardous Materials</i> , 2009 , 171, 665-70	12.8	89
50	Paste backfill of high-sulphide mill tailings using alkali-activated blast furnace slag: Effect of activator nature, concentration and slag properties. <i>Minerals Engineering</i> , 2015 , 83, 117-127	4.9	88
49	Utilization of water-reducing admixtures in cemented paste backfill of sulphide-rich mill tailings. <i>Journal of Hazardous Materials</i> , 2010 , 179, 940-6	12.8	83
48	Role and contribution of pure and mixed cultures of mesophiles in bioleaching of a pyritic chalcopryrite concentrate. <i>Minerals Engineering</i> , 2007 , 20, 310-318	4.9	79
47	Removal of cyanide from aqueous solutions by plain and metal-impregnated granular activated carbons. <i>International Journal of Mineral Processing</i> , 2006 , 79, 198-208		65

46	Acid baking of spent lithium ion batteries for selective recovery of major metals: A two-step process. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 43, 117-126	6.3	64
45	Potential use of pyrite cinders as raw material in cement production: results of industrial scale trial operations. <i>Journal of Hazardous Materials</i> , 2009 , 166, 144-9	12.8	61
44	Improved gold and silver extraction from a refractory antimony ore by pretreatment with alkaline sulphide leach. <i>Hydrometallurgy</i> , 2011 , 105, 234-239	4	58
43	Comparision of Different Reductants in Leaching of Spent Lithium Ion Batteries. <i>Jom</i> , 2016 , 68, 2613-2623	23.1	57
42	Treatment of manufacturing scrap TV boards by nitric acid leaching. <i>Separation and Purification Technology</i> , 2014 , 130, 151-159	8.3	55
41	Treatment of cyanide effluents by oxidation and adsorption in batch and column studies. <i>Journal of Hazardous Materials</i> , 2009 , 166, 1362-6	12.8	55
40	Ferric sulphate leaching of metals from waste printed circuit boards. <i>International Journal of Mineral Processing</i> , 2014 , 133, 39-45		50
39	Characterization of refractory behaviour of complex gold/silver ore by diagnostic leaching. <i>Transactions of Nonferrous Metals Society of China</i> , 2009 , 19, 707-713	3.3	49
38	Utilisation of construction and demolition waste as cemented paste backfill material for underground mine openings. <i>Journal of Environmental Management</i> , 2018 , 222, 250-259	7.9	48
37	Effect of natural pozzolans as mineral admixture on the performance of cemented-paste backfill of sulphide-rich tailings. <i>Waste Management and Research</i> , 2010 , 28, 430-5	4	47
36	Effect of particle size and shape of solids on the viability of acidophilic bacteria during mixing in stirred tank reactors. <i>Hydrometallurgy</i> , 2004 , 71, 385-396	4	45
35	Cupric chloride leaching ($\text{HCl}/\text{CuCl}_2/\text{NaCl}$) of metals from waste printed circuit boards (WPCBs). <i>International Journal of Mineral Processing</i> , 2015 , 134, 89-96		40
34	Two stage leaching process for selective metal extraction from spent nickel metal hydride batteries. <i>Journal of Cleaner Production</i> , 2017 , 157, 322-332	10.3	36
33	Recovery of silver from X-ray film processing effluents by hydrogen peroxide treatment. <i>Hydrometallurgy</i> , 2012 , 121-124, 22-27	4	35
32	Treatment of copper-rich gold ore by cyanide leaching, ammonia pretreatment and ammoniacal cyanide leaching. <i>Transactions of Nonferrous Metals Society of China</i> , 2015 , 25, 597-607	3.3	33
31	Effect of solids on viability of acidophilic bacteria. <i>Minerals Engineering</i> , 2002 , 15, 1181-1189	4.9	30
30	Gallium and vanadium extraction from red mud of Turkish alumina refinery plant: Hydrogarnet process. <i>Hydrometallurgy</i> , 2015 , 157, 72-77	4	26
29	Improvement of Silver Extraction by Ultrafine Grinding Prior to Cyanide Leaching of the Plant Tailings of a Refractory Silver Ore. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2015 , 36, 227-236	23.1	24

28	Effect of salinity and acidity on bioleaching activity of mesophilic and extremely thermophilic bacteria. <i>Transactions of Nonferrous Metals Society of China</i> , 2008 , 18, 714-721	3.3	24
27	Generation of hydrogen peroxide and removal of cyanide from solutions using ultrasonic waves. <i>Desalination</i> , 2007 , 216, 209-221	10.3	24
26	Recovery of vanadium and gallium from solid waste by-products of Bayer process. <i>Minerals Engineering</i> , 2015 , 74, 91-98	4.9	23
25	Adsorption of As(V) from Water Using Nanomagnetite. <i>Journal of Environmental Engineering, ASCE</i> , 2010 , 136, 399-404	2	21
24	Alkaline sulfide pretreatment of an antimonial refractory Au-Ag ore for improved cyanidation. <i>Jom</i> , 2010 , 62, 41-44	2.1	18
23	Recovery of silver from cyanide leach solutions by precipitation using Trimercapto- s -triazine (TMT). <i>Hydrometallurgy</i> , 2017 , 174, 175-183	4	16
22	Recovery of Silver from X-Ray Film Processing Effluents Using Trimercapto-s-triazine (TMT). <i>Separation Science and Technology</i> , 2011 , 46, 2231-2238	2.5	16
21	A Multi-stage Process for Recovery of Neodymium (Nd) and Dysprosium (Dy) from Spent Hard Disc Drives (HDDs). <i>Mineral Processing and Extractive Metallurgy Review</i> , 2021 , 42, 90-101	3.1	16
20	Effect of parameters on vanadium recovery from by-products of the Bayer process. <i>Hydrometallurgy</i> , 2015 , 152, 76-83	4	15
19	Thiosulphate leaching of silver from an arsenical refractory ore. <i>Minerals Engineering</i> , 2018 , 122, 285-295	4.9	11
18	Characterization of a refractory arsenical silver ore by mineral liberation analysis (MLA) and diagnostic leaching. <i>Hydrometallurgy</i> , 2019 , 189, 105106	4	11
17	Leachable characteristics of arsenical borogypsum wastes and their potential use in cement production. <i>Environmental Science & Technology</i> , 2009 , 43, 6939-43	10.3	10
16	Adsorptive removal of arsenite from water using nanomagnetite. <i>Desalination and Water Treatment</i> , 2010 , 24, 302-307		8
15	Practical Importance of Tailings for Cemented Paste Backfill 2017 , 7-32		8
14	Evaluation of geochemical behaviour of flooded cemented paste backfill of sulphide-rich tailings by dynamic-tank leaching test. <i>International Journal of Mining, Reclamation and Environment</i> , 2021 , 35, 336-355	3.2	8
13	Influence of polyoxometallates as additive on electro-winning of copper. <i>Hydrometallurgy</i> , 2016 , 162, 79-85	4	7
12	A Visual Insight into the Oxidation of Sulfide Minerals During Bioleaching and Chemical Leaching of a Complex Ore. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2010 , 31, 176-190	3.1	6
11	Precipitation of zinc from cyanide leach solutions using Trimercapto-s-triazine (TMT). <i>Hydrometallurgy</i> , 2020 , 191, 105206	4	6

10	A novel approach based on solvent displacement crystallisation for iron removal and copper recovery from solutions of semi-pilot scale bioleaching of WPCBs. <i>Journal of Cleaner Production</i> , 2021 , 294, 126346	10.3	6
9	Recovery of Gallium and Aluminum from Electrofilter Dust of Alumina Calcination Plant in Bayer Process. <i>Separation Science and Technology</i> , 2015 , 150629134219000	2.5	3
8	A novel method for the recovery of silver from thiosulphate leach solutions using trimercapto-s-triazine (TMT). <i>Minerals Engineering</i> , 2022 , 177, 107373	4.9	2
7	INVESTIGATION OF THE AMENABILITY OF A COPPER-RICH REFRACTORY GOLD ORE TO CYANIDE LEACHING. <i>Scientific Mining Journal</i> , 225-234	0.5	1
6	Precipitation of copper from cyanide leach solutions using sodium dimethyldithiocarbamate (SDDC). <i>Hydrometallurgy</i> , 2021 , 202, 105610	4	1
5	Comparison of ion-exchange resins and activated carbon in recovering gold from cyanide leach solutions with low level of copper.. <i>Bulletin of the Mineral Research and Exploration</i> , 1-12	0.3	1
4	Extraction of Metals from Scrap Marble Cutting Segments in Nitric Acid Solutions. <i>Jom</i> , 2021 , 73, 923-933.	1	0
3	Removal of Cyanide from Solutions by Air Oxidation and Adsorption 2010 , 907-916		
2	ALTIN CEVHERLERİN KARAKTERİZASYONUNDA KULLANILAN MİKRO ANALİTİK YÖNTEMLER. <i>Scientific Mining Journal</i> , 281-298	0.5	
1	LİTATIKLARINDAN SİYANÜR GERİ KAZANIMI YÖNTEMLERİ <i>Scientific Mining Journal</i> , 53-71	0.5	