

Haci Deveci

List of Publications by Year in Descending Order

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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	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
62	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
61	Precipitation of copper from cyanide leach solutions using sodium dimethyldithiocarbamate (SDDC). <i>Hydrometallurgy</i> , 2021 , 202, 105610	4	1
60	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
59	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
58	Extraction of Metals from Scrap Marble Cutting Segments in Nitric Acid Solutions. <i>Jom</i> , 2021 , 73, 923-933	3.1	0
57	Precipitation of zinc from cyanide leach solutions using Trimercapto-s-triazine (TMT). <i>Hydrometallurgy</i> , 2020 , 191, 105206	4	6
56	Characterization of a refractory arsenical silver ore by mineral liberation analysis (MLA) and diagnostic leaching. <i>Hydrometallurgy</i> , 2019 , 189, 105106	4	11
55	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
54	Thiosulphate leaching of silver from an arsenical refractory ore. <i>Minerals Engineering</i> , 2018 , 122, 285-295	4.9	11
53	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
52	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
51	Recovery of silver from cyanide leach solutions by precipitation using Trimercapto- s -triazine (TMT). <i>Hydrometallurgy</i> , 2017 , 174, 175-183	4	16
50	Practical Importance of Tailings for Cemented Paste Backfill 2017 , 7-32		8
49	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
48	Comparision of Different Reductants in Leaching of Spent Lithium Ion Batteries. <i>Jom</i> , 2016 , 68, 2613-2623	3.1	57
47	Influence of polyoxometallates as additive on electro-winning of copper. <i>Hydrometallurgy</i> , 2016 , 162, 79-85	4	7

46	Gallium and vanadium extraction from red mud of Turkish alumina refinery plant: Hydrogarnet process. <i>Hydrometallurgy</i> , 2015 , 157, 72-77	4	26
45	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
44	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
43	Current scenario of chalcopyrite bioleaching: a review on the recent advances to its heap-leach technology. <i>Bioresource Technology</i> , 2015 , 196, 694-706	11	139
42	Cupric chloride leaching (HCl - CuCl_2 - NaCl) of metals from waste printed circuit boards (WPCBs). <i>International Journal of Mineral Processing</i> , 2015 , 134, 89-96		40
41	Effect of parameters on vanadium recovery from by-products of the Bayer process. <i>Hydrometallurgy</i> , 2015 , 152, 76-83	4	15
40	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	3.1	24
39	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
38	Recovery of vanadium and gallium from solid waste by-products of Bayer process. <i>Minerals Engineering</i> , 2015 , 74, 91-98	4.9	23
37	Ferric sulphate leaching of metals from waste printed circuit boards. <i>International Journal of Mineral Processing</i> , 2014 , 133, 39-45		50
36	Treatment of manufacturing scrap TV boards by nitric acid leaching. <i>Separation and Purification Technology</i> , 2014 , 130, 151-159	8.3	55
35	Extraction of metals from waste printed circuit boards (WPCBs) in H_2SO_4 - CuSO_4 - NaCl solutions. <i>Hydrometallurgy</i> , 2013 , 139, 30-38	4	97
34	Bioleaching of copper from low grade scrap TV circuit boards using mesophilic bacteria. <i>Hydrometallurgy</i> , 2013 , 138, 65-70	4	95
33	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
32	Aqueous metal recovery techniques from e-scrap: Hydrometallurgy in recycling. <i>Minerals Engineering</i> , 2012 , 25, 28-37	4.9	468
31	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
30	Recovery of silver from X-ray film processing effluents by hydrogen peroxide treatment. <i>Hydrometallurgy</i> , 2012 , 121-124, 22-27	4	35
29	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

28	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
27	Removal of Cyanide from Solutions by Air Oxidation and Adsorption 2010 , 907-916		
26	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
25	Adsorptive removal of arsenite from water using nanomagnetite. <i>Desalination and Water Treatment</i> , 2010 , 24, 302-307		8
24	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
23	Adsorption of As(V) from Water Using Nanomagnetite. <i>Journal of Environmental Engineering, ASCE</i> , 2010 , 136, 399-404	2	21
22	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
21	Alkaline sulfide pretreatment of an antimonial refractory Au-Ag ore for improved cyanidation. <i>Jom</i> , 2010 , 62, 41-44	2.1	18
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	Generation of hydrogen peroxide and removal of cyanide from solutions using ultrasonic waves. <i>Desalination</i> , 2007 , 216, 209-221	10.3	24

10	Role and contribution of pure and mixed cultures of mesophiles in bioleaching of a pyritic chalcopyrite concentrate. <i>Minerals Engineering</i> , 2007 , 20, 310-318	4.9	79
9	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
8	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
7	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
6	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
5	Effect of solids on viability of acidophilic bacteria. <i>Minerals Engineering</i> , 2002 , 15, 1181-1189	4.9	30
4	ALTIN CEVHERLERİN KARAKTERİZASYONUNDA KULLANILAN MİKRO ANALİTİK YÖNTEMLER. <i>Scientific Mining Journal</i> , 281-298	0.5	
3	LİATIKLARINDAN SİYANÜR GERİKAZANIMI YÖNTEMLERİ <i>Scientific Mining Journal</i> , 53-71	0.5	
2	INVESTIGATION OF THE AMENABILITY OF A COPPER-RICH REFRACTORY GOLD ORE TO CYANIDE LEACHING. <i>Scientific Mining Journal</i> , 225-234	0.5	1
1	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