

Hugo M Veit

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.

51
papers

1,565
citations

17
h-index

39
g-index

55
ext. papers

1,819
ext. citations

4
avg, IF

4.81
L-index

#	Paper	IF	Citations
51	The effects of Na ₂ O/SiO ₂ molar ratio, curing temperature and age on compressive strength, morphology and microstructure of alkali-activated fly ash-based geopolymers. <i>Cement and Concrete Composites</i> , 2011 , 33, 653-660	8.6	216
50	Utilization of magnetic and electrostatic separation in the recycling of printed circuit boards scrap. <i>Waste Management</i> , 2005 , 25, 67-74	8.6	216
49	Recovery of copper from printed circuit boards scraps by mechanical processing and electrometallurgy. <i>Journal of Hazardous Materials</i> , 2006 , 137, 1704-9	12.8	213
48	Printed wiring boards for mobile phones: characterization and recycling of copper. <i>Waste Management</i> , 2011 , 31, 2536-45	8.6	139
47	Evaluation of gold and silver leaching from printed circuit board of cellphones. <i>Waste Management</i> , 2014 , 34, 475-82	8.6	137
46	Recycling WEEE: Extraction and concentration of silver from waste crystalline silicon photovoltaic modules. <i>Waste Management</i> , 2016 , 57, 220-225	8.6	88
45	Using mechanical processing in recycling printed wiring boards. <i>Jom</i> , 2002 , 54, 45-47	2.1	70
44	Recycling WEEE: Polymer characterization and pyrolysis study for waste of crystalline silicon photovoltaic modules. <i>Waste Management</i> , 2017 , 60, 716-722	8.6	48
43	The surfactant addition effect in the elaboration of electrodeposited NiP-SiC composite coatings. <i>Surface and Coatings Technology</i> , 2007 , 201, 6318-6324	4.4	39
42	Photovoltaic solar panels of crystalline silicon: Characterization and separation. <i>Waste Management and Research</i> , 2016 , 34, 235-45	4	34
41	Neodymium as the main feature of permanent magnets from hard disk drives (HDDs). <i>Waste Management</i> , 2017 , 61, 372-376	8.6	33
40	Use of gravity separation in metals concentration from printed circuit board scraps. <i>Revista Escola De Minas</i> , 2014 , 67, 73-79		28
39	Electronic Waste. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2015 ,	0.4	23
38	Characterization and recovery of polymers from mobile phone scrap. <i>Waste Management and Research</i> , 2011 , 29, 714-26	4	22
37	Recycling Waste Crystalline Silicon Photovoltaic Modules by Electrostatic Separation. <i>Journal of Sustainable Metallurgy</i> , 2018 , 4, 176-186	2.7	21
36	Recovery of Nickel and Cobalt from Spent NiMH Batteries by Electrowinning. <i>Chemical Engineering and Technology</i> , 2012 , 35, 2084-2092	2	21
35	Assessment of LED lamps components and materials for a recycling perspective. <i>Waste Management</i> , 2020 , 107, 285-293	8.6	18

34	Electrochemical study of gold recovery from ammoniacal thiosulfate, simulating the PCBs leaching of mobile phones. <i>Electrochimica Acta</i> , 2018 , 259, 500-509	6.7	17
33	Disassembly and characterization of liquid crystal screens. <i>Waste Management and Research</i> , 2013 , 31, 549-58	4	15
32	Electronic Waste: Generation and Management. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2015 , 3-12	0.4	15
31	Heat Treated NiPâBiC Composite Coatings: Elaboration and Tribocorrosion Behaviour in NaCl Solution. <i>Tribology Letters</i> , 2009 , 36, 165-173	2.8	15
30	Comprehensive recycling of silicon photovoltaic modules incorporating organic solvent delamination â technical, environmental and economic analyses. <i>Resources, Conservation and Recycling</i> , 2021 , 165, 105241	11.9	15
29	GOLD RECOVERY FROM PRINTED CIRCUIT BOARDS OF MOBILE PHONES SCRAPS USING A LEACHING SOLUTION ALTERNATIVE TO CYANIDE. <i>Brazilian Journal of Chemical Engineering</i> , 2018 , 35, 931-942	1.7	15
28	Determination of the potential gold electrowinning from an ammoniacal thiosulphate solution applied to recycling of printed circuit board scraps. <i>Waste Management and Research</i> , 2016 , 34, 47-57	4	12
27	Eco-Friendly ElectronicsâA Comprehensive Review. <i>Advanced Materials Technologies</i> , 2001263	6.8	11
26	Leaching of gold and silver from printed circuit board of mobile phones. <i>Revista Escola De Minas</i> , 2015 , 68, 61-68		10
25	Leaching of platinum group metals from spent automotive catalysts using organic acids. <i>Minerals Engineering</i> , 2020 , 159, 106634	4.9	10
24	Separation and concentration of valuable and critical materials from wasted LEDs by physical processes. <i>Waste Management</i> , 2021 , 120, 136-145	8.6	8
23	Evaluation of Neodymium and Praseodymium Leaching Efficiency from Post-consumer NdFeB Magnets. <i>Journal of Sustainable Metallurgy</i> , 2018 , 4, 288-294	2.7	8
22	Electronic Waste Recycling. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2015 , 87-127	0.4	7
21	Improved settings of a corona-electrostatic separator for copper concentration from waste printed circuit boards. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 102896	6.8	6
20	Thermal processes for lead removal from the funnel glass of CRT monitors. <i>Revista Escola De Minas</i> , 2015 , 68, 287-294		5
19	Evaluation of Mass Loss in Different Stages of Printed Circuit Boards Recycling Employed in Temperature Controllers. <i>Materials Research</i> , 2019 , 22,	1.5	5
18	Operational conditions of an electrostatic separator for concentrate copper from electronic waste. <i>REM: International Engineering Journal</i> , 2018 , 71, 431-436	0.4	5
17	Reciclagem de Carcaãs de Monitores: Propriedades mecãicas e morfolõgicas. <i>Polimeros</i> , 2013 , 23, 823-831	1.6	4

16	Precious and critical metals from wasted LED lamps: characterization and evaluation. <i>Environmental Technology (United Kingdom)</i> , 2020 , 1-12	2.6	4
15	Lead hazard evaluation for cathode ray tube monitors in Brazil. <i>Brazilian Journal of Chemical Engineering</i> , 2018 , 35, 43-49	1.7	4
14	Recovery of Rare Earth Elements Present in Mobile Phone Magnets with the Use of Organic Acids. <i>Minerals (Basel, Switzerland)</i> , 2022 , 12, 668	2.4	2
13	Acid leaching of indium from the screens of obsolete LCD monitors. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103758	6.8	1
12	Evaluation of Recycled Polymers from Crt Monitor Frames of Different Years of Manufacture. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2014 , 30, 55-66	1.7	1
11	INDIUM EXTRACTION FROM LCD SCREENS. <i>Detritus</i> , 2018 , In Press, 1	0.9	1
10	Rare Earth Elements Recycling Potential Estimate Based on End-of-Life NdFeB Permanent Magnets from Mobile Phones and Hard Disk Drives in Brazil. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1190	2.4	1
9	Mechanical Processing. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2015 , 19-38	0.4	1
8	Estudo de camadas eletrodepositadas a partir de soluções livres de cianeto. <i>Revista Escola De Minas</i> , 2010 , 63, 307-313		0
7	System proposal for implementation of risk management in the context of ISO/IEC 17025. <i>Accreditation and Quality Assurance</i> , 2021 , 26, 271-278	0.7	0
6	Utilizaçã de processos mecânicos e eletroquímicos para reciclagem de cobre de sucatas elétricas. <i>Revista Escola De Minas</i> , 2008 , 61, 159-164		
5	Leaching of Gold from Printed Circuit Boards Scrap of Mobile Phones 2015 , 243-249		
4	Processing Techniques. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2015 , 13-17	0.4	
3	Elaboraã e caracterizaã de compõsitos magnéticos. <i>Revista Escola De Minas</i> , 2011 , 64, 453-462		
2	Comparative study between EDXRF and ASTM E572 methods using two-way ANOVA. <i>Journal of Physics: Conference Series</i> , 2018 , 975, 012004	0.3	
1	PHOTOVOLTAIC MODULE RECYCLING: THERMAL TREATMENT TO DEGRADE POLYMERS AND CONCENTRATE VALUABLE METALS. <i>Detritus</i> , 2021 , 48-62	0.9	