Hugo M Veit

List of Publications by Year in Descending Order

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	Recovery of Rare Earth Elements Present in Mobile Phone Magnets with the Use of Organic Acids. *Minerals (Basel, Switzerland)*, **2022**, 12, 668	2.4	2
50	System proposal for implementation of risk management in the context of ISO/IEC 17025. *Accreditation and Quality Assurance*, **2021**, 26, 271-278	0.7	0
49	Rare Earth Elements Recycling Potential Estimate Based on End-of-Life NdFeB Permanent Magnets from Mobile Phones and Hard Disk Drives in Brazil. *Minerals (Basel, Switzerland)*, **2021**, 11, 1190	2.4	1
48	Comprehensive recycling of silicon photovoltaic modules incorporating organic solvent delamination â technical, environmental and economic analyses. *Resources, Conservation and Recycling*, **2021**, 165, 105241	11.9	15
47	Separation and concentration of valuable and critical materials from wasted LEDs by physical processes. *Waste Management*, **2021**, 120, 136-145	8.6	8
46	PHOTOVOLTAIC MODULE RECYCLING: THERMAL TREATMENT TO DEGRADE POLYMERS AND CONCENTRATE VALUABLE METALS. *Detritus*, **2021**, 48-62	0.9	
45	Acid leaching of indium from the screens of obsolete LCD monitors. *Journal of Environmental Chemical Engineering*, **2020**, 8, 103758	6.8	1
44	Leaching of platinum group metals from spent automotive catalysts using organic acids. *Minerals Engineering*, **2020**, 159, 106634	4.9	10
43	Precious and critical metals from wasted LED lamps: characterization and evaluation. *Environmental Technology (United Kingdom)*, **2020**, 1-12	2.6	4
42	Assessment of LED lamps components and materials for a recycling perspective. *Waste Management*, **2020**, 107, 285-293	8.6	18
41	Evaluation of Mass Loss in Different Stages of Printed Circuit Boards Recycling Employed in Temperature Controllers. *Materials Research*, **2019**, 22,	1.5	5
40	Improved settings of a corona-electrostatic separator for copper concentration from waste printed circuit boards. *Journal of Environmental Chemical Engineering*, **2019**, 7, 102896	6.8	6
39	Recycling Waste Crystalline Silicon Photovoltaic Modules by Electrostatic Separation. *Journal of Sustainable Metallurgy*, **2018**, 4, 176-186	2.7	21
38	INDIUM EXTRACTION FROM LCD SCREENS. *Detritus*, **2018**, In Press, 1	0.9	1
37	Electrochemical study of gold recovery from ammoniacal thiosulfate, simulating the PCBs leaching of mobile phones. *Electrochimica Acta*, **2018**, 259, 500-509	6.7	17
36	Operational conditions of an electrostatic separator for concentrate copper from electronic waste. *REM: International Engineering Journal*, **2018**, 71, 431-436	0.4	5
35	Comparative study between EDXRF and ASTM E572 methods using two-way ANOVA. *Journal of Physics: Conference Series*, **2018**, 975, 012004	0.3	

34	GOLD RECOVERY FROM PRINTED CIRCUIT BOARDS OF MOBILE PHONES SCRAPS USING A LEACHING SOLUTION ALTERNATIVE TO CYANIDE. *Brazilian Journal of Chemical Engineering*, **2018**, 35, 931-942	1.7	15
33	Lead hazard evaluation for cathode ray tube monitors in Brazil. *Brazilian Journal of Chemical Engineering*, **2018**, 35, 43-49	1.7	4
32	Evaluation of Neodymium and Praseodymium Leaching Efficiency from Post-consumer NdFeB Magnets. *Journal of Sustainable Metallurgy*, **2018**, 4, 288-294	2.7	8
31	Neodymium as the main feature of permanent magnets from hard disk drives (HDDs). *Waste Management*, **2017**, 61, 372-376	8.6	33
30	Recycling WEEE: Polymer characterization and pyrolysis study for waste of crystalline silicon photovoltaic modules. *Waste Management*, **2017**, 60, 716-722	8.6	48
29	Determination of the potential gold electrowinning from an ammoniacal thiosulphate solution applied to recycling of printed circuit board scraps. *Waste Management and Research*, **2016**, 34, 47-57	4	12
28	Recycling WEEE: Extraction and concentration of silver from waste crystalline silicon photovoltaic modules. *Waste Management*, **2016**, 57, 220-225	8.6	88
27	Photovoltaic solar panels of crystalline silicon: Characterization and separation. *Waste Management and Research*, **2016**, 34, 235-45	4	34
26	Electronic Waste. *Topics in Mining, Metallurgy and Materials Engineering*, **2015**,	0.4	23
25	Thermal processes for lead removal from the funnel glass of CRT monitors. *Revista Escola De Minas*, **2015**, 68, 287-294		5
24	Leaching of gold and silver from printed circuit board of mobile phones. *Revista Escola De Minas*, **2015**, 68, 61-68		10
23	Electronic Waste Recycling. *Topics in Mining, Metallurgy and Materials Engineering*, **2015**, 87-127	0.4	7
22	Electronic Waste: Generation and Management. *Topics in Mining, Metallurgy and Materials Engineering*, **2015**, 3-12	0.4	15
21	Mechanical Processing. *Topics in Mining, Metallurgy and Materials Engineering*, **2015**, 19-38	0.4	1
20	Leaching of Gold from Printed Circuit Boards Scrap of Mobile Phones **2015**, 243-249		
19	Processing Techniques. *Topics in Mining, Metallurgy and Materials Engineering*, **2015**, 13-17	0.4	
18	Evaluation of gold and silver leaching from printed circuit board of cellphones. *Waste Management*, **2014**, 34, 475-82	8.6	137
17	Use of gravity separation in metals concentration from printed circuit board scraps. *Revista Escola De Minas*, **2014**, 67, 73-79		28

16	Evaluation of Recycled Polymers from Crt Monitor Frames of Different Years of Manufacture. *Progress in Rubber, Plastics and Recycling Technology*, **2014**, 30, 55-66	1.7	1
15	Disassembly and characterization of liquid crystal screens. *Waste Management and Research*, **2013**, 31, 549-58	4	15
14	Reciclagem de Carcaças de Monitores: Propriedades mecânicas e morfológicas. *Polimeros*, **2013**, 23, 823-831	1.6	4
13	Recovery of Nickel and Cobalt from Spent NiMH Batteries by Electrowinning. *Chemical Engineering and Technology*, **2012**, 35, 2084-2092	2	21
12	Printed wiring boards for mobile phones: characterization and recycling of copper. *Waste Management*, **2011**, 31, 2536-45	8.6	139
11	The effects of Na2O/SiO2molar ratio, curing temperature and age on compressive strength, morphology and microstructure of alkali-activated fly ash-based geopolymers. *Cement and Concrete Composites*, **2011**, 33, 653-660	8.6	216
10	Characterization and recovery of polymers from mobile phone scrap. *Waste Management and Research*, **2011**, 29, 714-26	4	22
9	Elaboração e caracterização de compósitos magnéticos. *Revista Escola De Minas*, **2011**, 64, 453-462		
8	Estudo de camadas eletrodepositadas a partir de soluções livres de cianeto. *Revista Escola De Minas* , **2010**, 63, 307-313		0
7	Heat Treated NiPâSiC Composite Coatings: Elaboration and Tribocorrosion Behaviour in NaCl Solution. *Tribology Letters*, **2009**, 36, 165-173	2.8	15
6	Utilização de processos mecânicos e eletroquímicos para reciclagem de cobre de sucatas eletrônicas. *Revista Escola De Minas*, **2008**, 61, 159-164		
5	The surfactant addition effect in the elaboration of electrodepositated NiP-SiC composite coatings. *Surface and Coatings Technology*, **2007**, 201, 6318-6324	4.4	39
4	Recovery of copper from printed circuit boards scraps by mechanical processing and electrometallurgy. *Journal of Hazardous Materials*, **2006**, 137, 1704-9	12.8	213
3	Utilization of magnetic and electrostatic separation in the recycling of printed circuit boards scrap. *Waste Management*, **2005**, 25, 67-74	8.6	216
2	Using mechanical processing in recycling printed wiring boards. *Jom*, **2002**, 54, 45-47	2.1	70
1	Eco-Friendly Electronicsâ A Comprehensive Review. *Advanced Materials Technologies*,2001263	6.8	11