

Hugo M Veit

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,209
citations

304368

22
h-index

223531

46
g-index

55
all docs

55
docs citations

55
times ranked

1858
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.6	285
2	Utilization of magnetic and electrostatic separation in the recycling of printed circuit boards scrap. <i>Waste Management</i> , 2005, 25, 67-74.	3.7	252
3	Recovery of copper from printed circuit boards scraps by mechanical processing and electrometallurgy. <i>Journal of Hazardous Materials</i> , 2006, 137, 1704-1709.	6.5	250
4	Evaluation of gold and silver leaching from printed circuit board of cellphones. <i>Waste Management</i> , 2014, 34, 475-482.	3.7	165
5	Printed wiring boards for mobile phones: Characterization and recycling of copper. <i>Waste Management</i> , 2011, 31, 2536-2545.	3.7	160
6	Recycling WEEE: Extraction and concentration of silver from waste crystalline silicon photovoltaic modules. <i>Waste Management</i> , 2016, 57, 220-225.	3.7	148
7	Recycling WEEE: Polymer characterization and pyrolysis study for waste of crystalline silicon photovoltaic modules. <i>Waste Management</i> , 2017, 60, 716-722.	3.7	89
8	Using mechanical processing in recycling printed wiring boards. <i>Jom</i> , 2002, 54, 45-47.	0.9	86
9	Photovoltaic solar panels of crystalline silicon: Characterization and separation. <i>Waste Management and Research</i> , 2016, 34, 235-245.	2.2	60
10	Neodymium as the main feature of permanent magnets from hard disk drives (HDDs). <i>Waste Management</i> , 2017, 61, 372-376.	3.7	54
11	Recycling Waste Crystalline Silicon Photovoltaic Modules by Electrostatic Separation. <i>Journal of Sustainable Metallurgy</i> , 2018, 4, 176-186.	1.1	52
12	Comprehensive recycling of silicon photovoltaic modules incorporating organic solvent delamination – technical, environmental and economic analyses. <i>Resources, Conservation and Recycling</i> , 2021, 165, 105241.	5.3	50
13	The surfactant addition effect in the elaboration of electrodeposited NiP-SiC composite coatings. <i>Surface and Coatings Technology</i> , 2007, 201, 6318-6324.	2.2	47
14	Eco-Friendly Electronics – A Comprehensive Review. <i>Advanced Materials Technologies</i> , 2022, 7, 2001263.	3.0	47
15	Assessment of LED lamps components and materials for a recycling perspective. <i>Waste Management</i> , 2020, 107, 285-293.	3.7	41
16	Electrochemical study of gold recovery from ammoniacal thiosulfate, simulating the PCBs leaching of mobile phones. <i>Electrochimica Acta</i> , 2018, 259, 500-509.	2.6	36
17	Use of gravity separation in metals concentration from printed circuit board scraps. <i>Revista Escola De Minas</i> , 2014, 67, 73-79.	0.1	34
18	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.	0.7	30

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19	Recovery of Nickel and Cobalt from Spent NiMH Batteries by Electrowinning. Chemical Engineering and Technology, 2012, 35, 2084-2092.	0.9	28
20	Electronic Waste. Topics in Mining, Metallurgy and Materials Engineering, 2015, , .	1.4	28
21	Characterization and recovery of polymers from mobile phone scrap. Waste Management and Research, 2011, 29, 714-726.	2.2	27
22	Separation and concentration of valuable and critical materials from wasted LEDs by physical processes. Waste Management, 2021, 120, 136-145.	3.7	22
23	Leaching of platinum group metals from spent automotive catalysts using organic acids. Minerals Engineering, 2020, 159, 106634.	1.8	20
24	Electronic Waste: Generation and Management. Topics in Mining, Metallurgy and Materials Engineering, 2015, , 3-12.	1.4	18
25	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.	2.2	18
26	Disassembly and characterization of liquid crystal screens. Waste Management and Research, 2013, 31, 549-558.	2.2	17
27	Heat Treated NiPâ€“SiC Composite Coatings: Elaboration and Tribocorrosion Behaviour in NaCl Solution. Tribology Letters, 2009, 36, 165-173.	1.2	16
28	Electronic Waste Recycling. Topics in Mining, Metallurgy and Materials Engineering, 2015, , 87-127.	1.4	15
29	Leaching of gold and silver from printed circuit board of mobile phones. Revista Escola De Minas, 2015, 68, 61-68.	0.1	12
30	Precious and critical metals from wasted LED lamps: characterization and evaluation. Environmental Technology (United Kingdom), 2022, 43, 1870-1881.	1.2	12
31	Acid leaching of indium from the screens of obsolete LCD monitors. Journal of Environmental Chemical Engineering, 2020, 8, 103758.	3.3	11
32	Improved settings of a corona-electrostatic separator for copper concentration from waste printed circuit boards. Journal of Environmental Chemical Engineering, 2019, 7, 102896.	3.3	10
33	Evaluation of Neodymium and Praseodymium Leaching Efficiency from Post-consumer NdFeB Magnets. Journal of Sustainable Metallurgy, 2018, 4, 288-294.	1.1	9
34	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.	0.8	9
35	Recovery of Rare Earth Elements Present in Mobile Phone Magnets with the Use of Organic Acids. Minerals (Basel, Switzerland), 2022, 12, 668.	0.8	7
36	Thermal processes for lead removal from the funnel glass of CRT monitors. Revista Escola De Minas, 2015, 68, 287-294.	0.1	6

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37	Operational conditions of an electrostatic separator for concentrate copper from electronic waste. REM: International Engineering Journal, 2018, 71, 431-436.	0.2	5
38	Lead hazard evaluation for cathode ray tube monitors in Brazil. Brazilian Journal of Chemical Engineering, 2018, 35, 43-49.	0.7	5
39	PHOTOVOLTAIC MODULE RECYCLING: THERMAL TREATMENT TO DEGRADE POLYMERS AND CONCENTRATE VALUABLE METALS. Detritus, 2021, , 48-62.	0.4	5
40	Evaluation of Mass Loss in Different Stages of Printed Circuit Boards Recycling Employed in Temperature Controllers. Materials Research, 2019, 22, .	0.6	5
41	System proposal for implementation of risk management in the context of ISO/IEC 17025. Accreditation and Quality Assurance, 2021, 26, 271-278.	0.4	5
42	Reciclagem de Carcaças de Monitores: Propriedades mecânicas e morfológicas. Polimeros, 2013, 23, 823-831.	0.2	4
43	INDIUM EXTRACTION FROM LCD SCREENS. Detritus, 2018, In Press, 1.	0.4	2
44	Estudo de camadas eletrodepositadas a partir de soluções livres de cianeto. Revista Escola De Minas, 2010, 63, 307-313.	0.1	1
45	Evaluation of Recycled Polymers from Crt Monitor Frames of Different Years of Manufacture. Progress in Rubber, Plastics and Recycling Technology, 2014, 30, 55-66.	0.8	1
46	Hydrometallurgical Processing. Topics in Mining, Metallurgy and Materials Engineering, 2015, , 61-71.	1.4	1
47	Mechanical Processing. Topics in Mining, Metallurgy and Materials Engineering, 2015, , 19-38.	1.4	1
48	Leaching of Gold from Printed Circuit Boards Scrap of Mobile Phones. , 2015, , 243-249.		1
49	Processing Techniques. Topics in Mining, Metallurgy and Materials Engineering, 2015, , 13-17.	1.4	1
50	"Computational image analysis as an alternative tool for the evaluation of corrosion in salt spray test ". Studia Universitatis Babeş-Bolyai Chemia, 2020, 65, 45-61.	0.1	1
51	Utilização de processos mecânicos e eletroquímicos para reciclagem de cobre de sucatas eletrônicas. Revista Escola De Minas, 2008, 61, 159-164.	0.1	0
52	Comparative study between EDXRF and ASTM E572 methods using two-way ANOVA. Journal of Physics: Conference Series, 2018, 975, 012004.	0.3	0
53	Elaboração e caracterização de compostos magnéticos. Revista Escola De Minas, 2011, 64, 453-462.	0.1	0
54	Life Cycle Assessment of Two Experimental Recycling Processes for c-Si Solar Modules. , 2019, , .		0