

# Andrea M Bernardes

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

150  
papers

4,849  
citations

37  
h-index

64  
g-index

153  
ext. papers

5,528  
ext. citations

6.7  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
150	e-Waste Management and Practices in Developed and Developing Countries* <b>2022</b> , 15-32		1
149	The role of pressure-driven membrane processes on the recovery of value-added compounds and valorization of lees and wastewaters in the wine industry <b>2022</b> , 305-326		
148	What drives WEEE recycling? A comparative study concerning legislation, collection and recycling.. <i>Waste Management and Research</i> , <b>2022</b> , 734242X221081660	4	2
147	Chemical Composition Data of the Main Stages of Copper Production from Sulfide Minerals in Chile: A Review to Assist Circular Economy Studies. <i>Minerals (Basel, Switzerland)</i> , <b>2022</b> , 12, 250	2.4	4
146	Degradation of carbendazim in aqueous solution by different settings of photochemical and electrochemical oxidation processes.. <i>Journal of Environmental Management</i> , <b>2022</b> , 310, 114805	7.9	1
145	Evaluation of an electrochemical membrane reactor for the removal of Eblocker compound from water. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 47, 102830	6.7	
144	Membranes for Heavy Metals Removal. <i>Environmental Chemistry for A Sustainable World</i> , <b>2021</b> , 135-156	0.8	0
143	Advanced Electrochemical Oxidation Processes in the Treatment of Pharmaceutical Containing Water and Wastewater: a Review. <i>Current Pollution Reports</i> , <b>2021</b> , 7, 146-159	7.6	12
142	Synthesis and characterization of immobilized titanium-zirconium Sn-doped oxides onto metallic meshes and their photocatalytic activity for erythromycin mineralization. <i>Chemical Engineering Journal</i> , <b>2021</b> , 414, 128891	14.7	4
141	A critical review on SARS-CoV-2 infectivity in water and wastewater. What do we know?. <i>Science of the Total Environment</i> , <b>2021</b> , 774, 145721	10.2	42
140	Investigation of ion-exchange membranes by means of chronopotentiometry: A comprehensive review on this highly informative and multipurpose technique. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 293, 102439	14.3	11
139	Degradation and mineralization of erythromycin by heterogeneous photocatalysis using SnO <sub>2</sub> -doped TiO <sub>2</sub> structured catalysts: Activity and stability. <i>Chemosphere</i> , <b>2021</b> , 268, 128858	8.4	10
138	Membrane distillation treating a real petrochemical reverse osmosis concentrate: Influence of membrane characteristics on the process performance. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 39, 101722	6.7	2
137	The Effect of pH on Atenolol/Nanofiltration Membranes Affinity. <i>Membranes</i> , <b>2021</b> , 11,	3.8	1
136	Electrochemical nitrate reduction of brines: Improving selectivity to N by the use of Pd/activated carbon fiber catalyst. <i>Chemosphere</i> , <b>2021</b> , 279, 130832	8.4	7
135	Characterization of an anion-exchange membrane subjected to phosphate and sulfate separation by electrodialysis at overlimiting current density condition. <i>Journal of Membrane Science</i> , <b>2021</b> , 635, 119310	9.6	2
134	Mineralization of formic acid from catalytic nitrate reduction effluent by UV-based and electrochemical processes. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104127	6.8	3

133	Comparison of different electrode materials for the nitrate electrocatalytic reduction in a dual-chamber cell. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104120	6.8	6
132	Atenolol removal by nanofiltration: a case-specific mass transfer correlation. <i>Water Science and Technology</i> , <b>2020</b> , 81, 210-216	2.2	6
131	Mineralization of erythromycin by UV-based and electro-oxidation processes. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 33, 101039	6.7	9
130	Chronopotentiometric study of the transport of phosphoric acid anions through an anion-exchange membrane under different pH values. <i>Separation and Purification Technology</i> , <b>2020</b> , 238, 116421	8.3	12
129	Use of a two-step process to denitrification of synthetic brines: electroreduction in a dual-chamber cell and catalytic reduction. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 1956-1968	5.1	3
128	Superficial properties of activated carbon fiber catalysts produced by green synthesis and their application in water purification. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 40405-40420	5.1	2
127	Influence of rain events on the efficiency of a compact wastewater treatment plant: a case study on a university campus aiming water reuse for agriculture. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 41350-41360	5.1	4
126	Experimental Design as a Tool for Optimizing and Predicting the Nanofiltration Performance by Treating Antibiotic-Containing Wastewater. <i>Membranes</i> , <b>2020</b> , 10,	3.8	9
125	Electrochemical advanced oxidation of Atenolol at Nb/BDD thin film anode. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 844, 27-33	4.1	24
124	Removal of entrained organic matter in the copper electrolyte by ozonation. <i>REM: International Engineering Journal</i> , <b>2019</b> , 72, 79-86	0.4	0
123	Removal of nitrates from copper-containing aqueous acidic leach solutions by electrodialysis. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , <b>2019</b> , 1-9	0.8	1
122	Wine lees from the 1st and 2nd rackings: valuable by-products. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 1559-1566	3.3	7
121	Phytotoxicity and genotoxicity evaluation of 2,4,6-tribromophenol solution treated by UV-based oxidation processes. <i>Environmental Pollution</i> , <b>2019</b> , 249, 354-361	9.3	8
120	Electrooxidation Using Nb/BDD as Post-Treatment of a Reverse Osmosis Concentrate in the Petrochemical Industry. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	8
119	Antibiotics mineralization by electrochemical and UV-based hybrid processes: evaluation of the synergistic effect. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 3456-3466	2.6	9
118	Study of the atenolol degradation using a Nb/BDD electrode in a filter-press reactor. <i>Chemosphere</i> , <b>2019</b> , 236, 124318	8.4	6
117	Electrodialysis applied to the treatment of an university sewage for water recovery. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 102982	6.8	17
116	Improved settings of a corona-electrostatic separator for copper concentration from waste printed circuit boards. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 102896	6.8	6

115	Using p-Si/BDD anode for the electrochemical oxidation of norfloxacin. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 832, 112-120	4.1	29
114	Ensuring best E-waste recycling practices in developed countries: An Australian example. <i>Journal of Cleaner Production</i> , <b>2019</b> , 209, 846-854	10.3	39
113	Phosphorus recovery from low phosphate-containing solution by electrodialysis. <i>Journal of Membrane Science</i> , <b>2019</b> , 573, 293-300	9.6	41
112	Increasing water recovery rate of membrane hybrid process on the petrochemical wastewater treatment. <i>Chemical Engineering Research and Design</i> , <b>2018</b> , 117, 152-158	5.5	27
111	Recycling Waste Crystalline Silicon Photovoltaic Modules by Electrostatic Separation. <i>Journal of Sustainable Metallurgy</i> , <b>2018</b> , 4, 176-186	2.7	21
110	Waste electric and electronic equipment (WEEE) management: A study on the Brazilian recycling routes. <i>Journal of Cleaner Production</i> , <b>2018</b> , 174, 7-16	10.3	54
109	Synthesis and characterization of TiO <sub>2</sub> films onto AISI 304 metallic meshes and their application in the decomposition of the endocrine-disrupting alkylphenolic chemicals. <i>Applied Surface Science</i> , <b>2018</b> , 457, 644-654	6.7	11
108	Electrodialysis for the tertiary treatment of municipal wastewater: Efficiency of ion removal and ageing of ion exchange membranes. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 5855-5869	6.8	26
107	The role of the anode material and water matrix in the electrochemical oxidation of norfloxacin. <i>Chemosphere</i> , <b>2018</b> , 210, 615-623	8.4	30
106	Improving selectivity to dinitrogen using Palladium-Indium coated on activated carbon fibers: Preparation, characterization and application in water-phase nitrate reduction using formic acid as an alternative reductant source. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 4764-4772	6.8	8
105	Nitrate Reduction of Brines from Water Desalination Plants Employing a Low Metallic Charge Pd, In Catalyst and Formic Acid as Reducing Agent. <i>Catalysis Letters</i> , <b>2018</b> , 148, 2572-2584	2.8	8
104	Waste electrical and electronic equipment (WEEE) management: An analysis on the Australian e-waste recycling scheme. <i>Journal of Cleaner Production</i> , <b>2018</b> , 197, 750-764	10.3	53
103	Effect of operational parameters and Pd/In catalyst in the reduction of nitrate using copper electrode. <i>Environmental Technology (United Kingdom)</i> , <b>2018</b> , 39, 2835-2847	2.6	7
102	EVALUATION OF DIRECT PHOTOLYSIS, ELECTROOXIDATION AND PHOTOELECTROOXIDATION FOR RHODAMINE-B DEGRADATION. <i>Brazilian Journal of Chemical Engineering</i> , <b>2018</b> , 35, 957-968	1.7	4
101	Concentration Polarization in Ultrafiltration/Nanofiltration for the Recovery of Polyphenols from Winery Wastewaters. <i>Membranes</i> , <b>2018</b> , 8,	3.8	25
100	Nanofiltration for the removal of norfloxacin from pharmaceutical effluent. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 6147-6153	6.8	37
99	Constructed floating wetland for the treatment of domestic sewage: A real-scale study. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 5706-5711	6.8	37
98	Evaluation of Neodymium and Praseodymium Leaching Efficiency from Post-consumer NdFeB Magnets. <i>Journal of Sustainable Metallurgy</i> , <b>2018</b> , 4, 288-294	2.7	8

97	Closing the loop in the electroplating industry by electro dialysis. <i>Journal of Cleaner Production</i> , <b>2017</b> , 155, 130-138	10.3	34
96	Electrochemical enhanced photocatalysis to the 2,4,6 Tribromophenol flame retardant degradation. <i>Journal of Catalysis</i> , <b>2017</b> , 351, 136-145	7.3	14
95	Analysis of different current density conditions in the electro dialysis of zinc electroplating process solution. <i>Separation Science and Technology</i> , <b>2017</b> , 52, 2079-2089	2.5	9
94	Coupling coagulation using tannin-based product with electro dialysis reversal to water treatment: A case study. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 6008-6015	6.8	15
93	Toxicity elimination of landfill leachate by hybrid processing of advanced oxidation process and adsorption. <i>Environmental Technology and Innovation</i> , <b>2017</b> , 8, 246-255	7	34
92	Influence of the co-ions on the transport of sulfate through anion exchange membranes. <i>Journal of Membrane Science</i> , <b>2017</b> , 542, 320-328	9.6	12
91	Pressure-driven membrane processes for the recovery of antioxidant compounds from winery effluents. <i>Journal of Cleaner Production</i> , <b>2017</b> , 155, 172-178	10.3	42
90	Sequential pressure-driven membrane operations to recover and fractionate polyphenols and polysaccharides from second racking wine lees. <i>Separation and Purification Technology</i> , <b>2017</b> , 173, 49-54	8.3	46
89	Electrochemical treatment of a graphitic forging lubricant effluent: The effect of chloride concentration and current density. <i>Separation Science and Technology</i> , <b>2016</b> , 51, 126-134	2.5	1
88	Carbon emissions and embodied energy as tools for evaluating environmental aspects of tap water and bottled water in Brazil. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 13020-13029		4
87	Recycling WEEE: Extraction and concentration of silver from waste crystalline silicon photovoltaic modules. <i>Waste Management</i> , <b>2016</b> , 57, 220-225	8.6	88
86	Controlled deposition of Pd and In on carbon fibers by sequential electroless plating for the catalytic reduction of nitrate in water. <i>Catalysis Communications</i> , <b>2016</b> , 78, 59-63	3.2	24
85	TiO <sub>2</sub> thick films supported on stainless steel foams and their photoactivity in the nonylphenol ethoxylate mineralization. <i>Chemical Engineering Journal</i> , <b>2016</b> , 283, 1264-1272	14.7	23
84	Parâmetros operacionais na remoção biológica de nitrogênio de águas por nitrificação e desnitrificação simultânea. <i>Engenharia Sanitaria E Ambiental</i> , <b>2016</b> , 21, 29-42	0.4	14
83	Treatment of molybdate solutions by electro dialysis: The effect of pH and current density on ions transport behavior. <i>Separation and Purification Technology</i> , <b>2016</b> , 167, 32-36	8.3	26
82	The effect of the UV photon flux on the photoelectrocatalytic degradation of endocrine-disrupting alkylphenolic chemicals. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 19237-45	5.1	7
81	Beneficiation of cobalt, copper and aluminum from wasted lithium-ion batteries by mechanical processing. <i>International Journal of Mineral Processing</i> , <b>2015</b> , 145, 77-82		33
80	The effect of sanitary landfill leachate aging on the biological treatment and assessment of photoelectrooxidation as a pre-treatment process. <i>Waste Management</i> , <b>2015</b> , 36, 177-83	8.6	50

79	Treatment of solutions containing nonylphenol ethoxylate by photoelectrooxidation. <i>Chemosphere</i> , <b>2015</b> , 119 Suppl, S101-8	8.4	17
78	Integration of membrane bioreactor and advanced oxidation processes for water recovery in leather industry. <i>Desalination and Water Treatment</i> , <b>2015</b> , 56, 1712-1721		16
77	Degradation of the commercial surfactant nonylphenol ethoxylate by advanced oxidation processes. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 282, 241-8	12.8	74
76	Degradation of cyanotoxins (microcystin) in drinking water using photoelectrooxidation. <i>Brazilian Journal of Biology</i> , <b>2015</b> , 75, 45-9	1.5	2
75	CURRENT-VOLTAGE CURVES FOR TREATING EFFLUENT CONTAINING HEDP: DETERMINATION OF THE LIMITING CURRENT. <i>Brazilian Journal of Chemical Engineering</i> , <b>2015</b> , 32, 831-836	1.7	15
74	Toxicity effects of nickel electroplating effluents treated by photoelectrooxidation in the industries of the Sinos River Basin. <i>Brazilian Journal of Biology</i> , <b>2015</b> , 75, 17-24	1.5	7
73	Degradation and inactivation of adenovirus in water by photo-electro-oxidation. <i>Brazilian Journal of Biology</i> , <b>2015</b> , 75, S37-42	1.5	4
72	Leaching of gold and silver from printed circuit board of mobile phones. <i>Revista Escola De Minas</i> , <b>2015</b> , 68, 61-68		10
71	Sustainable Manufacturing: The Lean and Green Business Model. <i>Measuring Operations Performance</i> , <b>2015</b> , 131-161	0.6	1
70	Electronic Waste: Generation and Management. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , <b>2015</b> , 3-12	0.4	15
69	Membrane separation processes applied to the treatment of effluents from nanoceramic coating operations. <i>Desalination and Water Treatment</i> , <b>2015</b> , 55, 28-38		7
68	Microfiltration for the recovery of polyphenols from winery effluents. <i>Separation and Purification Technology</i> , <b>2015</b> , 143, 12-18	8.3	51
67	Treatment of wastewaters from cyanide-free plating process by electrodialysis. <i>Journal of Cleaner Production</i> , <b>2015</b> , 91, 241-250	10.3	31
66	A Lean & Green Model for a production cell. <i>Journal of Cleaner Production</i> , <b>2014</b> , 85, 19-30	10.3	179
65	Evaluation of gold and silver leaching from printed circuit board of cellphones. <i>Waste Management</i> , <b>2014</b> , 34, 475-82	8.6	137
64	Metals recovery from galvanic sludge by sulfate roasting and thiosulfate leaching. <i>Minerals Engineering</i> , <b>2014</b> , 60, 1-7	4.9	17
63	Recovery of nickel and water from nickel electroplating wastewater by electrodialysis. <i>Separation and Purification Technology</i> , <b>2014</b> , 129, 106-112	8.3	90
62	Ion transport through homogeneous and heterogeneous ion-exchange membranes in single salt and multicomponent electrolyte solutions. <i>Journal of Membrane Science</i> , <b>2014</b> , 466, 45-57	9.6	91

61	Nitrate reduction of brines from water desalination plants by membrane electrolysis. <i>Journal of Membrane Science</i> , <b>2014</b> , 451, 276-284	9.6	33
60	Sulfuric acid recovery from acid mine drainage by means of electrodialysis. <i>Desalination</i> , <b>2014</b> , 343, 120-127	3	83
59	General Aspects of Membrane Separation Processes <b>2014</b> , 3-9		3
58	Electrodialysis in Water Treatment <b>2014</b> , 63-75		2
57	Electrodialysis Treatment of Phosphate Solutions <b>2014</b> , 101-109		1
56	Electrodialysis Treatment of Nickel Wastewater <b>2014</b> , 133-144		2
55	Electrodialysis Treatment of Metal-Cyanide Complexes <b>2014</b> , 119-131		
54	General Aspects of Electrodialysis <b>2014</b> , 11-23		3
53	Electrodialysis in an Integrated NF/ED Process for Water Recovery in the Leather Industry. <i>Separation Science and Technology</i> , <b>2013</b> , 48, 445-454	2.5	6
52	Nanofiltration for the Recovery of Low Molecular Weight Polysaccharides and Polyphenols from Winery Effluents. <i>Separation Science and Technology</i> , <b>2013</b> , 48, 2524-2530	2.5	36
51	Sodium isopropyl xanthate degradation by advanced oxidation processes. <i>Minerals Engineering</i> , <b>2013</b> , 45, 88-93	4.9	40
50	Water recovery from acid mine drainage by electrodialysis. <i>Minerals Engineering</i> , <b>2013</b> , 40, 82-89	4.9	91
49	Ultrafiltration Based Process for the Recovery of Polysaccharides and Polyphenols from Winery Effluents. <i>Separation Science and Technology</i> , <b>2013</b> , 48, 438-444	2.5	27
48	Recovery of Nickel and Cobalt from Spent NiMH Batteries by Electrowinning. <i>Chemical Engineering and Technology</i> , <b>2012</b> , 35, 2084-2092	2	21
47	Evaluation of Nanofiltration for the Treatment of Industrial Effluents Containing Anionic Surfactants. <i>Procedia Engineering</i> , <b>2012</b> , 44, 1763-1764		2
46	Removal of anionic surfactants by nanofiltration. <i>Desalination and Water Treatment</i> , <b>2012</b> , 44, 269-275		11
45	Collection and recycling of electronic scrap: a worldwide overview and comparison with the Brazilian situation. <i>Waste Management</i> , <b>2012</b> , 32, 1592-610	8.6	123
44	Tratamento de efluentes de eletrodeposição de níquel por fotoeletrooxidação. <i>Revista Escola De Minas</i> , <b>2012</b> , 65, 349-356		1

43	Printed wiring boards for mobile phones: characterization and recycling of copper. <i>Waste Management</i> , <b>2011</b> , 31, 2536-45	8.6	139
42	Nanofiltration for the treatment of coke plant ammoniacal wastewaters. <i>Separation and Purification Technology</i> , <b>2011</b> , 76, 303-307	8.3	24
41	Characterization and recovery of polymers from mobile phone scrap. <i>Waste Management and Research</i> , <b>2011</b> , 29, 714-26	4	22
40	Transport properties of tartrate ions through an anion-exchange membrane. <i>Desalination</i> , <b>2010</b> , 263, 118-121	10.3	2
39	The effect of production method on the properties of high impact polystyrene and polyaniline membranes. <i>Journal of Membrane Science</i> , <b>2009</b> , 330, 227-232	9.6	14
38	Vitrification: an alternative to minimize environmental impact caused by leather industry wastes. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 165, 604-11	12.8	28
37	Evaluation of environmental compatibility of EAFD using different leaching standards. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 166, 670-5	12.8	25
36	Spent NiMH batteries – The role of selective precipitation in the recovery of valuable metals. <i>Journal of Power Sources</i> , <b>2009</b> , 193, 914-923	8.9	86
35	Chronopotentiometric study on the effect of boric acid in the nickel transport properties through a cation-exchange membrane. <i>Desalination</i> , <b>2009</b> , 249, 348-352	10.3	18
34	Ultrafiltration/nanofiltration for the tertiary treatment of leather industry effluents. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 9130-5	10.3	12
33	Characterisation of electric arc furnace dust generated during plain carbon steel production. <i>Ironmaking and Steelmaking</i> , <b>2008</b> , 35, 315-320	1.3	25
32	Utilizaç�o de processos mec�nicos e eletroqu�micos para reciclagem de cobre de sucatas eletr�nicas. <i>Revista Escola De Minas</i> , <b>2008</b> , 61, 159-164		
31	Application of photoelectrochemical – Electrolysis treatment for the recovery and reuse of water from tannery effluents. <i>Journal of Cleaner Production</i> , <b>2008</b> , 16, 605-611	10.3	74
30	High-impact polystyrene/polyaniline membranes for acid solution treatment by electrolysis: preparation, evaluation, and chemical calculation. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 320, 52-61	9.3	37
29	Purification of spent chromium bath by membrane electrolysis. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 152, 960-7	12.8	25
28	Transport of zinc complexes through an anion exchange membrane. <i>Desalination</i> , <b>2008</b> , 227, 241-252	10.3	16
27	Evaluation of transition metals transport properties through a cation-exchange membrane by chronopotentiometry. <i>Journal of Membrane Science</i> , <b>2006</b> , 284, 267-275	9.6	36
26	Electrostatic painting residues as an alternative raw material for red clay industry. <i>Waste Management and Research</i> , <b>2006</b> , 24, 537-44	4	3



25	Evaluation of changes on ion-selective membranes in contact with zinc-cyanide complexes. <i>Journal of Membrane Science</i> , <b>2006</b> , 279, 140-147	9.6	19
24	Spent NiMH batteries: Characterization and metal recovery through mechanical processing. <i>Journal of Power Sources</i> , <b>2006</b> , 160, 1465-1470	8.9	50
23	Galvanic sludge metals recovery by pyrometallurgical and hydrometallurgical treatment. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 131, 210-6	12.8	41
22	Hydrometallurgical processing of carbon steel EAF dust. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 135, 311-82.8	12.8	105
21	Production of materials with alumina and ashes from incineration of chromium tanned leather shavings: environmental and technical aspects. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 137, 1156-64	12.8	30
20	Recovery of copper from printed circuit boards scraps by mechanical processing and electrometallurgy. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 137, 1704-9	12.8	213
19	Development of polyurethane/polyaniline membranes for zinc recovery through electro dialysis. <i>Desalination</i> , <b>2005</b> , 186, 199-206	10.3	42
18	Utilization of magnetic and electrostatic separation in the recycling of printed circuit boards scrap. <i>Waste Management</i> , <b>2005</b> , 25, 67-74	8.6	216
17	Cadmium electroplating wastewater treatment using a laboratory-scale electro dialysis system. <i>Separation and Purification Technology</i> , <b>2004</b> , 37, 247-255	8.3	113
16	Recycling of batteries: a review of current processes and technologies. <i>Journal of Power Sources</i> , <b>2004</b> , 130, 291-298	8.9	392
15	Brazilian policy on battery disposal and its practical effects on battery recycling. <i>Journal of Power Sources</i> , <b>2004</b> , 137, 134-139	8.9	27
14	An overview on the current processes for the recycling of batteries. <i>Journal of Power Sources</i> , <b>2004</b> , 135, 311-319	8.9	197
13	Removal of cadmium and cyanide from aqueous solutions through electro dialysis. <i>Journal of the Brazilian Chemical Society</i> , <b>2003</b> , 14, 610-615	1.5	38
12	Collection and recycling of portable batteries: a worldwide overview compared to the Brazilian situation. <i>Journal of Power Sources</i> , <b>2003</b> , 124, 586-592	8.9	44
11	Evaluation of the electro dialysis process for the treatment of metal finishing wastewater. <i>Journal of the Brazilian Chemical Society</i> , <b>2002</b> , 13, 540-547	1.5	26
10	Using mechanical processing in recycling printed wiring boards. <i>Jom</i> , <b>2002</b> , 54, 45-47	2.1	70
9	Environmental and technical aspects of the utilisation of tannery sludge as a raw material for clay products. <i>Journal of the European Ceramic Society</i> , <b>2002</b> , 22, 2251-2259	6	98
8	Influence of ligand exchange on the treatment of trivalent chromium solutions by electro dialysis. <i>Electrochimica Acta</i> , <b>2001</b> , 47, 753-758	6.7	31

7	Preparation and physical characterization of a sulfonated poly(styrene-co-divinylbenzene) and polypyrrole composite membrane. <i>Materials Chemistry and Physics</i> , <b>2001</b> , 71, 131-136	4.4	37
6	Electrochemistry as a clean technology for the treatment of effluents: The application of electro dialysis. <i>Metal Finishing</i> , <b>2000</b> , 98, 52-114		21
5	The thermal treatment of galvanic sludges for environmental compatibility. <i>Jom</i> , <b>1996</b> , 48, 59-62	2.1	7
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