# Ml Blazquez

List of Publications by Year
in descending order

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|---|---|---|---|
| 40<br>papers | 3,192<br>citations | 218677<br>26<br>h-index | 302126<br>39<br>g-index |
| 40<br>all docs | 40<br>docs citations | 40<br>times ranked | 3122<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sorption and desorption of Cd, Cu and Pb using biomass from an eutrophized habitat in monometallic and bimetallic systems. Journal of Environmental Management, 2011, 92, 2666-2674. | 7.8 | 38 |
| 2 | Studies on sorption, desorption, regeneration and reuse of sugar-beet pectin gels for heavy metal removal. Journal of Hazardous Materials, 2010, 178, 243-248. | 12.4 | 71 |
| 3 | Mobilization of phosphorus from iron ore by the bacterium Burkholderia caribensis FeGL03. Minerals Engineering, 2009, 22, 1-9. | 4.3 | 74 |
| 4 | Optimization of the continuous biosorption of copper with sugar-beet pectin gels. Journal of Environmental Management, 2009, 90, 1737-1743. | 7.8 | 30 |
| 5 | Biosorption of cadmium, lead and copper with calcium alginate xerogels and immobilized Fucus vesiculosus. Journal of Hazardous Materials, 2009, 163, 555-562. | 12.4 | 163 |
| 6 | Gold(III) biosorption and bioreduction with the brown alga Fucus vesiculosus. Journal of Hazardous Materials, 2009, 166, 612-618. | 12.4 | 304 |
| 7 | Sugar-beet pulp pectin gels as biosorbent for heavy metals: Preparation and determination of biosorption and desorption characteristics. Chemical Engineering Journal, 2009, 150, 289-301. | 12.7 | 171 |
| 8 | Characterization of the biosorption of cadmium, lead and copper with the brown alga Fucus vesiculosus. Journal of Hazardous Materials, 2008, 158, 316-323. | 12.4 | 143 |
| 9 | Study of cadmium, zinc and lead biosorption by orange wastes using the subsequent addition method. Bioresource Technology, 2008, 99, 8101-8106. | 9.6 | 73 |
| 10 | Leaching of chalcopyrite with ferric ion. Part IV: The role of redox potential in the presence of mesophilic and thermophilic bacteria. Hydrometallurgy, 2008, 93, 106-115. | 4.3 | 88 |
| 11 | Leaching of chalcopyrite with ferric ion. Part I: General aspects. Hydrometallurgy, 2008, 93, 81-87. | 4.3 | 288 |
| 12 | Leaching of chalcopyrite with ferric ion. Part II: Effect of redox potential. Hydrometallurgy, 2008, 93, 88-96. | 4.3 | 187 |
| 13 | Bioleaching of a chalcopyrite concentrate with moderate thermophilic microorganisms in a continuous reactor system. Hydrometallurgy, 2007, 87, 100-111. | 4.3 | 50 |
| 14 | Comparative study of biosorption of heavy metals using different types of algae. Bioresource Technology, 2007, 98, 3344-3353. | 9.6 | 497 |
| 15 | Biosorption of heavy metals by activated sludge and their desorption characteristics. Journal of Environmental Management, 2007, 84, 419-426. | 7.8 | 203 |
| 16 | Characterization of brushite as a re-crystallization product formed during bacterial solubilization of hydroxyapatite in batch cultures. Soil Biology and Biochemistry, 2006, 38, 2645-2654. | 8.8 | 94 |
| 17 | Factors affecting the transformation of a pyritic tailing: scaled-up column tests. Journal of Hazardous Materials, 2005, 118, 35-43. | 12.4 | 5 |
| 18 | Pyrite behaviour in a tailings pond. Hydrometallurgy, 2005, 76, 25-36. | 4.3 | 26 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Biosorption of heavy metals by chemically-activated algaFucus vesiculosus. Journal of Chemical Technology and Biotechnology, 2005, 80, 1403-1407. | 3.2 | 53 |
| 20 | Simultaneous uptake of metals by activated sludge. Minerals Engineering, 2003, 16, 723-729. | 4.3 | 53 |
| 21 | Inhibition of acid rock drainage from uranium ore waste using a conventional neutralization and precipitation treatment. Minerals Engineering, 2002, 15, 1141-1150. | 4.3 | 4 |
| 22 | Reactivity of a molybdenite concentrate against chemical or bacterial attack. Minerals Engineering, 2001, 14, 987-996. | 4.3 | 21 |
| 23 | Bioremediation of an industrial acid mine water by metal-tolerant sulphate-reducing bacteria. Minerals Engineering, 2001, 14, 997-1008. | 4.3 | 105 |
| 24 | Silver-catalysed bioleaching of a chalcopyrite concentrate with mixed cultures of moderately thermophilic microorganisms. Hydrometallurgy, 1999, 51, 37-46. | 4.3 | 69 |
| 25 | Leaching capacity of a new extremely thermophilic microorganism, Sulfolobus rivotincti. Hydrometallurgy, 1999, 52, 349-366. | 4.3 | 33 |
| 26 | Bioleaching behaviour of chalcopyrite in the presence of silver at 35Â° and 68Â°C. Process Metallurgy, 1999, , 137-147. | 0.1 | 6 |
| 27 | Influence of bacteria and sulphite ions on the transformation of pyritic tailings: shake flask tests. Process Metallurgy, 1999, , 537-545. | 0.1 | 0 |
| 28 | SEM and AES studies of chalcopyrite bioleaching in the presence of catalytic ions. Minerals Engineering, 1997, 10, 825-835. | 4.3 | 13 |
| 29 | Influence of various factors in the bioleaching of a bulk concentrate with mesophilic microorganisms in the presence of Ag(I). Hydrometallurgy, 1997, 45, 271-287. | 4.3 | 9 |
| 30 | Chemical and microbiological transformations in a pyritic tailing pond. Minerals Engineering, 1996, 9, 1127-1142. | 4.3 | 10 |
| 31 | Electrochemistry of chalcopyrite. Hydrometallurgy, 1996, 43, 331-344. | 4.3 | 63 |
| 32 | A study of the bioleaching of a Spanish uranium ore. Part I: A review of the bacterial leaching in the treatment of uranium ores. Hydrometallurgy, 1995, 38, 39-57. | 4.3 | 65 |
| 33 | Influence of metallic ions in the bioleaching of chalcopyrite by Sulfolobus BC: Experiments using pneumatically stirred reactors and massive samples. Minerals Engineering, 1995, 8, 949-965. | 4.3 | 19 |
| 34 | SEM and AES studies of a lead sulphide bioleaching in presence of catalytic ions. Minerals Engineering, 1995, 8, 1503-1512. | 4.3 | 9 |
| 35 | The catalytic effect of some cations on the biological leaching of a Spanish complex sulphide. Hydrometallurgy, 1993, 34, 151-169. | 4.3 | 26 |
| 36 | The use of catalytic ions in bioleaching. Hydrometallurgy, 1992, 29, 145-160. | 4.3 | 46 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | The influence of various ions in the bioleaching of metal sulphides. Hydrometallurgy, 1990, 23, 221-235. | 4.3 | 39 |
| 38 | Influence of the composition and maximum cycling temperature on the microstructure of Cu-Al-Mn shape memory alloys. Metallography, 1989, 23, 119-133. | 0.4 | 10 |
| 39 | Studies of zinc sulphide, treated with different solutions of catalyst ions. Vacuum, 1989, 39, 663-664. | 3.5 | 3 |
| 40 | The influence of composition and grain size on the martensitic transformation temperatures of Cuî—¸Alî—¸Mn shape memory alloys. Scripta Metallurgica, 1987, 21, 1711-1716. | 1.2 | 31 |