

# Andr Azevedo

## 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.

15  
papers

757  
citations

12  
h-index

15  
g-index

15  
ext. papers

942  
ext. citations

5.5  
avg, IF

4.73  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 15 | Aqueous dispersions of nanobubbles: Generation, properties and features. <i>Minerals Engineering</i> , <b>2016</b> , 94, 29-37   | 4.9  | 128       |
| 14 | Flotation of quartz particles assisted by nanobubbles. <i>International Journal of Mineral Processing</i> , <b>2015</b> , 137, 64-70   |      | 120       |
| 13 | Separation of emulsified crude oil in saline water by dissolved air flotation with micro and nanobubbles. <i>Separation and Purification Technology</i> , <b>2017</b> , 186, 326-332                       | 8.3  | 93        |
| 12 | Nanobubbles: Generation using a multiphase pump, properties and features in flotation. <i>Minerals Engineering</i> , <b>2017</b> , 112, 19-26  | 4.9  | 85        |
| 11 | Removal of sulfate ions by dissolved air flotation (DAF) following precipitation and flocculation. <i>International Journal of Mineral Processing</i> , <b>2016</b> , 149, 1-8                             |      | 56        |
| 10 | Separation of amine-insoluble species by flotation with nano and microbubbles. <i>Minerals Engineering</i> , <b>2016</b> , 89, 24-29   | 4.9  | 55        |
| 9  | Bulk nanobubbles in the mineral and environmental areas: Updating research and applications. <i>Advances in Colloid and Interface Science</i> , <b>2019</b> , 271, 101992                                  | 14.3 | 55        |
| 8  | Nanobubbles generation in a high-rate hydrodynamic cavitation tube. <i>Minerals Engineering</i> , <b>2018</b> , 116, 32-34   | 4.9  | 51        |
| 7  | Removal of ferric hydroxide by flotation with micro and nanobubbles. <i>Separation and Purification Technology</i> , <b>2017</b> , 184, 347-353  | 8.3  | 42        |
| 6  | Raw water clarification by flotation with microbubbles and nanobubbles generated with a multiphase pump. <i>Water Science and Technology</i> , <b>2017</b> , 75, 2342-2349                                 | 2.2  | 20        |
| 5  | Treatment and water reuse of lead-zinc sulphide ore mill wastewaters by high rate dissolved air flotation. <i>Minerals Engineering</i> , <b>2018</b> , 127, 114-121  | 4.9  | 19        |
| 4  | Application of flocculation-flotation followed by ozonation in vehicle wash wastewater treatment/disinfection and water reclamation. <i>Desalination and Water Treatment</i> , <b>2015</b> , 56, 1728-1736 |      | 18        |
| 3  | Column reverse rougher flotation of iron bearing fine tailings assisted by HIC and a new cationic collector. <i>Minerals Engineering</i> , <b>2020</b> , 156, 106531                                       | 4.9  | 9         |
| 2  | Removal of flocculated TiO nanoparticles by settling or dissolved air flotation. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 1001-1012  | 2.6  | 4         |
| 1  | Innovative Precipitation-Flocculation Process for Treating Turbid Waters from Gualaxo do Norte River, Brazil. <i>Mining, Metallurgy and Exploration</i> , <b>2019</b> , 36, 851-856                        | 1.1  | 2         |