

# Quentin Dehaine

## List of Publications by Year in descending order

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17  
papers

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759055

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times ranked

266  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Geomaterials of cobalt ores: A review. <i>Minerals Engineering</i> , 2021, 160, 106656.  | 1.8  | 100       |
| 2  | Rare earths (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-products of kaolin production – Part 3: Processing of fines using gravity and flotation. <i>Minerals Engineering</i> , 2016, 95, 96-106.              | 1.8  | 51        |
| 3  | Towards sustainable extraction of technology materials through integrated approaches. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 665-679.  | 12.2 | 46        |
| 4  | Flotation of mixed oxide sulphide copper-cobalt minerals using xanthate, dithiophosphate, thiocarbamate and blended collectors. <i>Minerals Engineering</i> , 2019, 138, 246-256.                                | 1.8  | 41        |
| 5  | Rare earth (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-product of kaolin production, Cornwall: Part1: Selection and characterisation of the valuable stream. <i>Minerals Engineering</i> , 2015, 76, 141-153. | 1.8  | 26        |
| 6  | Application of Falcon Centrifuge as a Cleaner Alternative for Complex Tungsten Ore Processing. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 448.  | 0.8  | 25        |
| 7  | Experimental investigation into the kinetics of Falcon UF concentration: Implications for fluid dynamic-based modelling. <i>Separation and Purification Technology</i> , 2019, 215, 590-601.                     | 3.9  | 23        |
| 8  | Rare earths (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-products of kaolin production – Part 2: Gravity processing of micaceous residues. <i>Minerals Engineering</i> , 2017, 100, 200-210.                   | 1.8  | 21        |
| 9  | Rare-metal granites as a potential source of critical metals: A geometallurgical case study. <i>Ore Geology Reviews</i> , 2019, 104, 384-402.  | 1.1  | 18        |
| 10 | Integrated approach for the processing of a complex tungsten Skarn ore (TabuaÃ§o, Portugal). <i>Minerals Engineering</i> , 2019, 143, 105896.  | 1.8  | 17        |
| 11 | Modelling heavy and gangue mineral size recovery curves using the spiral concentration of heavy minerals from kaolin residues. <i>Powder Technology</i> , 2016, 292, 331-341.                                    | 2.1  | 14        |
| 12 | Novel approach for processing complex carbonate-rich copper-cobalt mixed ores via reverse flotation. <i>Minerals Engineering</i> , 2021, 161, 106710.  | 1.8  | 14        |
| 13 | Mineralogical Prediction of Flotation Performance for a Sediment-Hosted Copper–Cobalt Sulphide Ore. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 474.  | 0.8  | 10        |
| 14 | Comparing univariate and multivariate approaches for process variograms: A case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 152, 107-117.  | 1.8  | 6         |
| 15 | Geomaterials Characterisation with Portable FTIR: Application to Sediment-Hosted Cu-Co Ores. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 15.  | 0.8  | 6         |
| 16 | A multivariate approach for process variograms. <i>TOS Forum</i> , 2013, 2013, 169.  | 0.1  | 1         |
| 17 | Sustainable water management in mineral processing by using multivariate variography to improve sampling procedures. <i>Minerals Engineering</i> , 2021, 172, 107136.  | 1.8  | 0         |