

# Quentin Dehaine

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

419  
citations

759233  
12  
h-index

940533  
16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometallurgical Characterisation with Portable FTIR: Application to Sediment-Hosted Cu-Co Ores. Minerals (Basel, Switzerland), 2022, 12, 15.	2.0	6
2	Novel approach for processing complex carbonate-rich copper-cobalt mixed ores via reverse flotation. Minerals Engineering, 2021, 161, 106710.	4.3	14
3	Geometallurgy of cobalt ores: A review. Minerals Engineering, 2021, 160, 106656.	4.3	100
4	Towards sustainable extraction of technology materials through integrated approaches. Nature Reviews Earth & Environment, 2021, 2, 665-679.	29.7	46
5	Sustainable water management in mineral processing by using multivariate variography to improve sampling procedures. Minerals Engineering, 2021, 172, 107136.	4.3	0
6	Mineralogical Prediction of Flotation Performance for a Sediment-Hosted Copper–Cobalt Sulphide Ore. Minerals (Basel, Switzerland), 2020, 10, 474.	2.0	10
7	Application of Falcon Centrifuge as a Cleaner Alternative for Complex Tungsten Ore Processing. Minerals (Basel, Switzerland), 2019, 9, 448.	2.0	25
8	Integrated approach for the processing of a complex tungsten Skarn ore (TabuaÃ§o, Portugal). Minerals Engineering, 2019, 143, 105896.	4.3	17
9	Experimental investigation into the kinetics of Falcon UF concentration: Implications for fluid dynamic-based modelling. Separation and Purification Technology, 2019, 215, 590-601.	7.9	23
10	Flotation of mixed oxide sulphide copper-cobalt minerals using xanthate, dithiophosphate, thiocarbamate and blended collectors. Minerals Engineering, 2019, 138, 246-256.	4.3	41
11	Rare-metal granites as a potential source of critical metals: A geometallurgical case study. Ore Geology Reviews, 2019, 104, 384-402.	2.7	18
12	Rare earths (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-products of kaolin production – Part 2: Gravity processing of micaceous residues. Minerals Engineering, 2017, 100, 200-210.	4.3	21
13	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. Minerals Engineering, 2016, 95, 96-106.	4.3	51
14	Modelling heavy and gangue mineral size recovery curves using the spiral concentration of heavy minerals from kaolin residues. Powder Technology, 2016, 292, 331-341.	4.2	14
15	Comparing univariate and multivariate approaches for process variograms: A case study. Chemometrics and Intelligent Laboratory Systems, 2016, 152, 107-117.	3.5	6
16	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. Minerals Engineering, 2015, 76, 141-153.	4.3	26
17	A multivariate approach for process variograms. TOS Forum, 2013, 2013, 169.	0.1	1