

# Robert Hartmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1977125/publications.pdf>

Version: 2024-02-01

9  
papers

192  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Colloidal Behavior of Cellulose Nanocrystals as a Hydrophobization Reagent for Mineral Particles. <i>Langmuir</i> , 2021, 37, 2322-2333.	3.5	8
2	A Study on the Electric Surface Potential and Hydrophobicity of Quartz Particles in the Presence of Hexyl Amine Cellulose Nanocrystals and Their Correlation to Flotation. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	5
3	Towards a quantitative analysis of the wettability of microparticles using an automated contact timer apparatus. <i>Minerals Engineering</i> , 2020, 149, 106240.	4.3	6
4	Study of butyl-amine nanocrystal cellulose in the flotation of complex sulphide ores. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123655.	4.7	23
5	Cellulose-mineral interactions based on the DLVO theory and their correlation with flotability. <i>Minerals Engineering</i> , 2018, 122, 44-52.	4.3	26
6	The action of cellulose-based and conventional flotation reagents under dry and wet conditions correlating inverse gas chromatography to microflotation studies. <i>Minerals Engineering</i> , 2017, 114, 17-25.	4.3	12
7	Specific surface free energy component distributions and flotabilities of mineral microparticles in flotation – An inverse gas chromatography study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 513, 380-388.	4.7	36
8	Alkyl aminated nanocelluloses in selective flotation of aluminium oxide and quartz. <i>Chemical Engineering Science</i> , 2016, 144, 260-266.	3.8	48
9	Interactions between aminated cellulose nanocrystals and quartz: Adsorption and wettability studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 207-215.	4.7	28