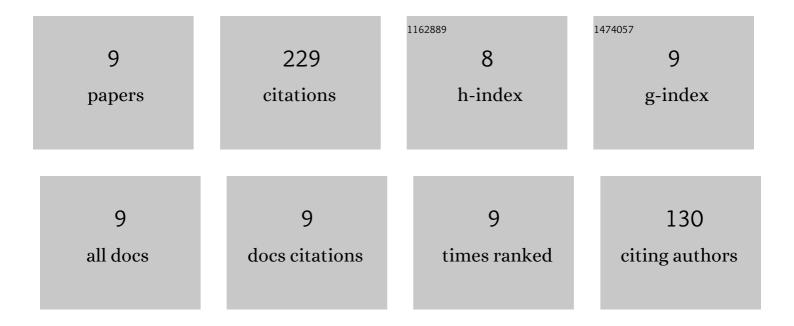
## Xinyang Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6745388/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Utilization of novel surfactant N-dodecyl-isopropanolamine as collector for efficient separation of quartz from hematite. Separation and Purification Technology, 2016, 162, 188-194.	3.9	66
2	Effect of secondary amino on the adsorption of N-Dodecylethylenediamine on quartz surface: A molecular dynamics study. Powder Technology, 2019, 351, 46-53.	2.1	29
3	Preparation of a novel bis hydroxamic collector and its impact on bastnaesite flotation. Minerals Engineering, 2020, 156, 106496.	1.8	29
4	Modeling Gas–Liquid Interfaces by Dissipative Particle Dynamics: Adsorption and Surface Tension of Cetyl Trimethyl Ammonium Bromide at the Air–Water Interface. Langmuir, 2020, 36, 14686-14698.	1.6	28
5	Stability of diethyl dithiocarbamate chelates with Cu(II), Zn(II) and Mn(II). Journal of Molecular Structure, 2019, 1184, 375-381.	1.8	22
6	Quantitative structure-activity relationship between the toxicity of amine surfactant and its molecular structure. Science of the Total Environment, 2020, 702, 134593.	3.9	22
7	Flotation performance and selective adsorption mechanism of novel hydroxamic acid on the separation of fluorite from barite. Minerals Engineering, 2021, 171, 107101.	1.8	14
8	Design and selection of flotation collectors for zinc oxide minerals based on bond valence model. Minerals Engineering, 2021, 160, 106681.	1.8	13
9	Study on quantitative structure-biodegradability relationships of amine collectors by GFA-ANN method. Journal of Hazardous Materials, 2021, 415, 125628.	6.5	6