

# Aurelia Ibañez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5668458/publications.pdf>

Version: 2024-02-01

9  
papers

270  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-classical view on calcium oxalate precipitation and the role of citrate. Nature Communications, 2017, 8, 768.	12.8	99
2	The Carbonation of Wollastonite: A Model Reaction to Test Natural and Biomimetic Catalysts for Enhanced CO <sub>2</sub> Sequestration. Minerals (Basel, Switzerland), 2018, 8, 209.	2.0	34
3	The Prc and <scp>RseP</scp> proteases control bacterial cellâ€surface signalling activity. Environmental Microbiology, 2014, 16, 2433-2443.	3.8	32
4	Exploring the effect of poly(acrylic acid) on pre- and post-nucleation BaSO <sub>4</sub> species: new insights into the mechanisms of crystallization control by polyelectrolytes. CrystEngComm, 2016, 18, 2830-2842.	2.6	24
5	The multiple roles of carbonic anhydrase in calcium carbonate mineralization. CrystEngComm, 2019, 21, 7407-7423.	2.6	23
6	CO <sub>2</sub> sequestration and simultaneous zeolite production by carbonation of coal fly ash: Impact on the trapping of toxic elements. Journal of CO <sub>2</sub> Utilization, 2020, 40, 101263.	6.8	19
7	Crystallographic Control in the Replacement of Calcite by Calcium Sulfates. Crystal Growth and Design, 2016, 16, 4950-4959.	3.0	17
8	Citrate Stabilizes Hydroxylapatite Precursors: Implications for Bone Mineralization. ACS Biomaterials Science and Engineering, 2021, 7, 2346-2357.	5.2	15
9	A potentiometric study of the performance of a commercial copolymer in the precipitation of scale forming minerals. CrystEngComm, 2016, 18, 5744-5753.	2.6	7