

# Maria Gabriela Davila Ordonez

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

193  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between a fractured marl caprock and CO <sub>2</sub> -rich sulfate solution under supercritical CO <sub>2</sub> conditions. <i>International Journal of Greenhouse Gas Control</i> , 2016, 48, 105-119.	4.6	56
2	A review of geochemical–mechanical impacts in geological carbon storage reservoirs. , 2019, 9, 474-504.		32
3	Experimental and modeling study of the interaction between a crushed marl caprock and CO <sub>2</sub> -rich solutions under different pressure and temperature conditions. <i>Chemical Geology</i> , 2017, 448, 26-42.	3.3	24
4	Processes affecting the efficiency of limestone in passive treatments for AMD: Column experiments. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 304-316.	6.7	20
5	Reactive alteration of a Mt. Simon Sandstone due to CO <sub>2</sub> -rich brine displacement. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 227-247.	3.9	19
6	2D reactive transport modeling of the interaction between a marl and a CO <sub>2</sub> -rich sulfate solution under supercritical CO <sub>2</sub> conditions. <i>International Journal of Greenhouse Gas Control</i> , 2016, 54, 145-159.	4.6	17
7	Efficiency of magnesium hydroxide as engineering seal in the geological sequestration of CO <sub>2</sub> . <i>International Journal of Greenhouse Gas Control</i> , 2016, 48, 171-185.	4.6	8
8	Influence of geochemical reactions on the creep behavior of Mt. Simon sandstone. <i>International Journal of Greenhouse Gas Control</i> , 2020, 103, 103183.	4.6	8
9	Interaction between CO <sub>2</sub> -rich acidic water, hydrated Portland cement and sedimentary rocks: Column experiments and reactive transport modeling. <i>Chemical Geology</i> , 2021, 572, 120122.	3.3	4
10	Flow and reaction along the interface between hydrated Portland cement and calcareous rocks during CO <sub>2</sub> injection. Laboratory experiments and modeling. <i>International Journal of Greenhouse Gas Control</i> , 2021, 108, 103331.	4.6	4
11	Reactivity of a Marl Caprock in Contact with Acid Solutions under Different pCO <sub>2</sub> Conditions (Atmospheric, 10 and 37 Bar). <i>Procedia Earth and Planetary Science</i> , 2017, 17, 528-531.	0.6	1