Nicolas Huerta

List of Publications by Year
in descending order

11	406	1307594 7	1372567 10
papers	citations	h-index	g-index

11	11	11	445
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alteration of Fractured Foamed Cement Exposed to CO2-Saturated Water: Implications for Well Integrity. Environmental Science & Technology, 2021, 55, 13244-13253.	10.0	0
2	Hydraulic fracturing to enhance injectivity and storage capacity of CO2 storage reservoirs: Benefits and risks. International Journal of Greenhouse Gas Control, 2020, 100, 103105.	4.6	16
3	Risk-based monitoring designs for detecting CO2 leakage through abandoned wellbores: An application of NRAPâ€™s WLAT and DREAM tools. International Journal of Greenhouse Gas Control, 2019, 91, 102807.	4.6	5
4	Estimating the Leakage along Wells during Geologic CO2 Storage: Application of the Well Leakage Assessment Tool to a Hypothetical Storage Scenario in Natrona County, Wyoming. Energy Procedia, 2017, 114, 5151-5172.	1.8	18
5	Fracture opening or self-sealing: Critical residence time as a unifying parameter for cementâ€“CO2â€“brine interactions. International Journal of Greenhouse Gas Control, 2016, 47, 25-37.	4.6	73
6	Reactive transport of CO2-saturated water in a cement fracture: Application to wellbore leakage during geologic CO2 storage. International Journal of Greenhouse Gas Control, 2016, 44, 276-289.	4.6	59
7	Review: Role of chemistry, mechanics, and transport on well integrity in CO2 storage environments. International Journal of Greenhouse Gas Control, 2016, 49, 149-160.	4.6	141
8	Time-dependent Fluid Migration From a Storage Formation via Leaky Wells. Energy Procedia, 2014, 63, 5724-5736.	1.8	1
9	Reactive Flow Channelization in Fractured Cement-implications for Wellbore Integrity. Energy Procedia, 2013, 37, 5773-5780.	1.8	4
10	Experimental Evidence for Self-Limiting Reactive Flow through a Fractured Cement Core: Implications for Time-Dependent Wellbore Leakage. Environmental Science & Technology, 2013, 47, 269-275.	10.0	72
11	An improved model to forecast CO2 leakage rates along a wellbore. Energy Procedia, 2011, 4, 5385-5391.	1.8	17