

Christopher F Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8590873/publications.pdf>

Version: 2024-02-01

13
papers

402
citations

933447

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1199594

12
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13
all docs

13
docs citations

13
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Sealing of fractures in a representative CO ₂ reservoir caprock by migration of fines. , 2021, 11, 483-492.		0
2	Risk-based post injection site care and monitoring for commercial-scale carbon storage: Reevaluation of the FutureGen 2.0 site using NRAP-Open-IAM and DREAM. International Journal of Greenhouse Gas Control, 2019, 90, 102784.	4.6	12
3	Element mobilization and immobilization from carbonate rocks between CO ₂ storage reservoirs and the overlying aquifers during a potential CO ₂ leakage. Chemosphere, 2018, 197, 399-410.	8.2	16
4	Review of the impacts of leaking CO ₂ gas and brine on groundwater quality. Earth-Science Reviews, 2017, 169, 69-84.	9.1	42
5	Evaluating impacts of CO ₂ intrusion into an unconsolidated aquifer: I. Experimental data. International Journal of Greenhouse Gas Control, 2016, 44, 323-333.	4.6	31
6	Methanogenesis-induced pH-Eh shifts drives aqueous metal(loid) mobility in sulfide mineral systems under CO ₂ enriched conditions. Geochimica Et Cosmochimica Acta, 2016, 173, 232-245.	3.9	6
7	Characterization and design of the FutureGen 2.0 carbon storage site. International Journal of Greenhouse Gas Control, 2016, 53, 1-10.	4.6	13
8	Evaluating impacts of CO ₂ intrusion into an unconsolidated aquifer: II. Modeling results. International Journal of Greenhouse Gas Control, 2016, 44, 300-309.	4.6	23
9	Geochemical impacts of leaking CO ₂ from subsurface storage reservoirs to an unconfined oxidizing carbonate aquifer. International Journal of Greenhouse Gas Control, 2016, 44, 310-322.	4.6	16
10	Modeling the impact of carbon dioxide leakage into an unconfined, oxidizing carbonate aquifer. International Journal of Greenhouse Gas Control, 2016, 44, 290-299.	4.6	56
11	Coupled Geochemical Impacts of Leaking CO ₂ and Contaminants from Subsurface Storage Reservoirs on Groundwater Quality. Environmental Science & Technology, 2015, 49, 8202-8209.	10.0	34
12	Source term modeling for evaluating the potential impacts to groundwater of fluids escaping from a depleted oil reservoir used for carbon sequestration. International Journal of Greenhouse Gas Control, 2014, 27, 139-145.	4.6	7
13	Geochemical Implications of Gas Leakage associated with Geologic CO ₂ Storage—A Qualitative Review. Environmental Science & Technology, 2013, 47, 23-36.	10.0	146