

Jeremy Blackford

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

945
citations

840585

11
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

1573
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the STEMM-CCS special issue. International Journal of Greenhouse Gas Control, 2022, 113, 103553.	2.3	0
2	Assuring the integrity of offshore carbon dioxide storage. Renewable and Sustainable Energy Reviews, 2022, 166, 112670.	8.2	8
3	Towards improved monitoring of offshore carbon storage: A real-world field experiment detecting a controlled sub-seafloor CO ₂ release. International Journal of Greenhouse Gas Control, 2021, 106, 103237.	2.3	39
4	Efficient marine environmental characterisation to support monitoring of geological CO ₂ storage. International Journal of Greenhouse Gas Control, 2021, 109, 103388.	2.3	8
5	Optimising environmental monitoring for carbon dioxide sequestered offshore. International Journal of Greenhouse Gas Control, 2021, 110, 103397.	2.3	9
6	Analysis of the physicochemical detectability and impacts of offshore CO ₂ leakage through multi-scale modelling of in-situ experimental data using the PLUME model. International Journal of Greenhouse Gas Control, 2021, 110, 103441.	2.3	7
7	Suitability analysis and revised strategies for marine environmental carbon capture and storage (CCS) monitoring. International Journal of Greenhouse Gas Control, 2021, 112, 103510.	2.3	17
8	Insights and guidance for offshore CO ₂ storage monitoring based on the QICS, ETI MMV, and STEMM-CCS projects. International Journal of Greenhouse Gas Control, 2020, 100, 103120.	2.3	36
9	Controls on near-bed oxygen concentration on the Northwest European Continental Shelf under a potential future climate scenario. Progress in Oceanography, 2020, 187, 102400.	1.5	13
10	Sensitivity of Shelf Sea Marine Ecosystems to Temporal Resolution of Meteorological Forcing. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015922.	1.0	7
11	Impact and detectability of hypothetical CCS offshore seep scenarios as an aid to storage assurance and risk assessment. International Journal of Greenhouse Gas Control, 2020, 95, 102949.	2.3	31
12	Climate-Driven Change in the North Atlantic and Arctic Oceans Can Greatly Reduce the Circulation of the North Sea. Geophysical Research Letters, 2018, 45, 11,827.	1.5	26
13	Using Bayes Theorem to Quantify and Reduce Uncertainties when Monitoring Varying Marine Environments for Indications of a Leak. Energy Procedia, 2017, 114, 3607-3612.	1.8	5
14	Monitoring of offshore geological carbon storage integrity: Implications of natural variability in the marine system and the assessment of anomaly detection criteria. International Journal of Greenhouse Gas Control, 2017, 64, 99-112.	2.3	29
15	ERSEM15.06: a generic model for marine biogeochemistry and the ecosystem dynamics of the lower trophic levels. Geoscientific Model Development, 2016, 9, 1293-1339.	1.3	196
16	Marine baseline and monitoring strategies for carbon dioxide capture and storage (CCS). International Journal of Greenhouse Gas Control, 2015, 38, 221-229.	2.3	89
17	A novel sub-seabed CO ₂ release experiment informing monitoring and impact assessment for geological carbon storage. International Journal of Greenhouse Gas Control, 2015, 38, 3-17.	2.3	64
18	Detection and impacts of leakage from sub-seafloor deep geological carbon dioxide storage. Nature Climate Change, 2014, 4, 1011-1016.	8.1	159

#	ARTICLE	IF	CITATIONS
19	End-to-End Models for the Analysis of Marine Ecosystems: Challenges, Issues, and Next Steps. <i>Marine and Coastal Fisheries</i> , 2010, 2, 115-130.	0.6	202