

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

#	ARTICLE	IF	CITATIONS
19	Introduction to the STEMM-CCS special issue. International Journal of Greenhouse Gas Control, 2022, 113, 103553.	2.3	0