

Martin Zimmer

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

421
citations

1306789

7
h-index

1199166

12
g-index

15
all docs

15
docs citations

15
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseline characterization of the CO ₂ SINK geological storage site at Ketzin, Germany. <i>Environmental Geosciences</i> , 2006, 13, 145-161.	0.6	219
2	CO ₂ Storage at the Ketzin Pilot Site, Germany: Fourth Year of Injection, Monitoring, Modelling and Verification. <i>Energy Procedia</i> , 2013, 37, 6434-6443.	1.8	72
3	The gas membrane sensor (GMS): A new method for gas measurements in deep boreholes applied at the CO ₂ SINK site. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 995-1001.	2.3	55
4	Transition from small-volume ephemeral lava emission to explosive hydrovolcanism: The case of Cerro Tujle maar, northern Chile. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102885.	0.6	15
5	Monitoring of cap-rock integrity during CCS from field data at the Ketzin pilot site (Germany): Evidence from gas composition and stable carbon isotopes. <i>International Journal of Greenhouse Gas Control</i> , 2015, 43, 133-140.	2.3	11
6	Monitoring Concept for CO ₂ Storage at the Ketzin Pilot Site, Germany – Post-injection Continuation Towards Transfer of Liability. <i>Energy Procedia</i> , 2016, 97, 348-355.	1.8	10
7	A window on mantle-derived magmas within the Central Andes: eruption style transitions at Cerro Overo maar and La Alb ³ ndiga lava dome, northern Chile. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	1.1	9
8	Well-based, Geochemical Leakage Monitoring of an Aquifer Immediately Above a CO ₂ Storage Reservoir by Stable Carbon Isotopes at the Ketzin Pilot Site, Germany. <i>Energy Procedia</i> , 2013, 40, 346-354.	1.8	7
9	Application of tubular silicone (PDMS) membranes for gas monitoring in CO ₂ –CH ₄ hydrate exchange experiments. <i>Marine and Petroleum Geology</i> , 2020, 122, 104677.	1.5	6
10	On the Role of Density-Driven Dissolution of CO ₂ in Phreatic Karst Systems. <i>Water Resources Research</i> , 2021, 57, .	1.7	5
11	Multi-Level Gas Monitoring: A New Approach in Earthquake Research. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	4
12	Underground in-situ investigation of spatial and temporal changes of rock salt integrity in the marginal area of a natural CO ₂ -rich cavernous structure. <i>Applied Geochemistry</i> , 2022, 139, 105264.	1.4	4
13	Monitoring of the gas composition and stable carbon isotopes during side track drilling in Ktzi 203 at the Ketzin CO ₂ storage pilot site, Germany. <i>Advances in Geosciences</i> , 0, 45, 7-11.	12.0	2
14	Origin and Evolution of Gas in Salt Beds of a Potash Mine. <i>Advances in Geosciences</i> , 0, 54, 15-21.	12.0	2