

# Mark T Ireland

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2287568/publications.pdf>

Version: 2024-02-01

12  
papers

144  
citations

1478505

6  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential compaction due to the irregular topology of a diagenetic reaction boundary: a new mechanism for the formation of polygonal faults. <i>Basin Research</i> , 2009, 21, 354-359.	2.7	42
2	Initiation and propagation of polygonal fault arrays by thermally triggered volume reduction reactions in siliceous sediment. <i>Marine Geology</i> , 2011, 289, 150-158.	2.1	29
3	Influence of pore water chemistry on silica diagenesis: evidence from the interaction of diagenetic reaction zones with polygonal fault systems. <i>Journal of the Geological Society</i> , 2010, 167, 273-279.	2.1	21
4	Structure of a silica diagenetic transformation zone: the Gjallar Ridge, offshore Norway. <i>Sedimentology</i> , 2011, 58, 424-441.	3.1	14
5	Influence of stratigraphic setting and simple shear on layer-bound compaction faults offshore Mauritania. <i>Journal of Structural Geology</i> , 2011, 33, 487-499.	2.3	12
6	Thick slides dominated by regular-wavelength folds and thrusts in biosiliceous sediments on the Vema Dome offshore of Norway. <i>Marine Geology</i> , 2011, 289, 34-45.	2.1	9
7	Climatically driven instability of marine methane hydrate along a canyon-incised continental margin. <i>Geology</i> , 2021, 49, 973-977.	4.4	5
8	Suitability of Legacy Subsurface Data for Nascent Geoenergy Activities Onshore United Kingdom. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
9	Systematic spacing and topological variations in layer-bound fault systems. <i>Basin Research</i> , 2021, 33, 2745-2762.	2.7	3
10	Geological controls on the natural CO <sub>2</sub> accumulation in the Surennuoer Oilfield of the Hailar Basin, China. <i>Marine and Petroleum Geology</i> , 2021, 133, 105319.	3.3	3
11	Discussion on "Palaeogeographical evolution of the Rattray Volcanic Province, Central North Sea"™, by Quirie et al. 2020 ( <i>JGS</i> , 177, 718-737). <i>Journal of the Geological Society</i> , 2021, 178, jgs2020-219.	2.1	1
12	The depositional model of the Lower Cretaceous Nantun Formation and its implications for oil accumulation in the northern Wuexun Sag of Hailar Basin, NE China. <i>Sedimentary Geology</i> , 2022, 438, 106208.	2.1	1