

R J Knipe

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,312
citations

687363

13
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

919
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation- and reaction-enhanced ductility in rocks. Journal of the Geological Society, 1978, 135, 513-516.	2.1	244
2	Hydrothermal gold mineralization in the Witwatersrand basin. Nature, 1997, 386, 820-824.	27.8	173
3	Fault sealing processes in siliciclastic sediments. Geological Society Special Publication, 1998, 147, 117-134.	1.3	156
4	The tectonic history of Kohistan and its implications for Himalayan structure. Journal of the Geological Society, 1987, 144, 377-391.	2.1	134
5	Faulting, fault sealing and fluid flow in hydrocarbon reservoirs: an introduction. Geological Society Special Publication, 1998, 147, .	1.3	116
6	Kinematic and tectonic significance of microstructures and crystallographic fabrics within quartz mylonites from the Assynt and Eriboll regions of the Moine thrust zone, NW Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 1986, 77, 99-125.	0.7	114
7	The nature and tectonic significance of fault-zone weakening: an introduction. Geological Society Special Publication, 2001, 186, 1-11.	1.3	52
8	The Evolution of the Kamila Shear Zone, Kohistan, Pakistan. , 1990, , 175-214.		44
9	Structurally complex reservoirs: an introduction. Geological Society Special Publication, 2007, 292, 1-24.	1.3	43
10	Deformation mechanism path diagrams for sediments undergoing lithification. Memoir of the Geological Society of America, 1986, , 151-160.	0.5	42
11	Heterogeneous Deformation, Foliation Development, and Metamorphic Processes in a Polyphase Mylonite. , 1985, , 180-210.		40
12	The impact of faults on fluid flow in the Heidrun Field. Geological Society Special Publication, 1998, 147, 269-282.	1.3	30
13	Moine Thrust zone mylonites at the Stack of Glencoul: I " microstructures, strain and influence of recrystallization on quartz crystal fabric development. Geological Society Special Publication, 2010, 335, 543-577.	1.3	27
14	Microstructures of Deformed and Non-Deformed Sandstones from the North Sea: Implications for the Origins of Quartz Cement in Sandstones. , 0, , 129-146.		25
15	Fault controlled communication in the Sleipner Vest Field, Norwegian Continental Shelf; detailed, quantitative input for reservoir simulation and well planning. Geological Society Special Publication, 1998, 147, 283-297.	1.3	20
16	Cross-fault sealing, baffling and fluid flow in 3D geological models: tools for analysis, visualization and interpretation. Geological Society Special Publication, 2010, 347, 257-282.	1.3	16
17	Fault seal mapping " incorporating geometric and property uncertainty. Geological Society Special Publication, 2008, 309, 5-38.	1.3	11
18	Three-dimensional upscaling of fault damage zones for reservoir simulation. Geological Society Special Publication, 2007, 292, 353-374.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Properties of fault damage zones in siliclastic rocks: a modelling approach. Geological Society Special Publication, 2005, 249, 43-59.	1.3	7
20	Influence of grain size and geothermal gradient on the ductile-to-brittle transition in arenaceous sedimentary rocks: implications for fault structure and fluid flow. Geological Society Special Publication, 2007, 289, 105-121.	1.3	5
21	Progressive evolution of a late orogenic thrust system, from duplex development to extensional reactivation and disruption: Witwatersrand Basin, South Africa. Geological Society Special Publication, 2007, 272, 543-569.	1.3	4
22	The integration of structural uncertainty into reservoir simulation. , 2009, , .		1