Gareth Keevil

List of Publications by Year
in descending order

12	573	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flow processes and sedimentation in submarine channel bends. Marine and Petroleum Geology, 2007, 24, 470-486.	3.3	109
2	Flow structure in sinuous submarine channels: Velocity and turbulence structure of an experimental submarine channel. Marine Geology, 2006, 229, 241-257.	2.1	103
3	The orientation of helical flow in curved channels. Sedimentology, 2006, 53, 249-257.	3.1	92
4	Global (latitudinal) variation in submarine channel sinuosity. Geology, 2012, 40, 11-14.	4.4	68
5	The influence of scale, slope and channel geometry on the flow dynamics of submarine channels. Marine and Petroleum Geology, 2007, 24, 487-503.	3.3	56
6	The influence of bend amplitude and planform morphology on flow and sedimentation in submarine channels. Marine and Petroleum Geology, 2010, 27, 1431-1447.	3.3	53
7	Reply to Discussion of Imran et al. on â€œThe orientation of helical flow in curved channelsâ€•by Corney et al., Sedimentology, 53, 249â€“257. Sedimentology, 2008, 55, 241-247.	3.1	28
8	Influence of Coriolis Force Upon Bottom Boundary Layers in a Largeâ€Scale Gravity Current Experiment: Implications for Evolution of Sinuous Deepâ€Water Channel Systems. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015284.	2.6	17
9	Hydrodynamic efficiency in sharks: the combined role of riblets and denticles. Bioinspiration and Biomimetics, 2021, 16, 046008.	2.9	16
10	Global (latitudinal) variation in submarine channel sinuosity: REPLY. Geology, 2013, 41, e288-e288.	4.4	15
11	The effect of Schmidt number on gravity current flows: The formation of large-scale three-dimensional structures. Physics of Fluids, 2021, 33, .	4.0	11
12	Observations of large-scale coherent structures in gravity currents: implications for flow dynamics. Experiments in Fluids, 2021, 62, 1.	2.4	5