Mick Filmer

List of Publications by Year
in descending order

24 papers	676 citations	759233 12 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	653 citing authors

#	Article	IF	Citations
1	Evaluation of methods for connecting InSAR to a terrestrial reference frame in the Latrobe Valley, Australia. Journal of Geodesy, 2021, 95, 1.	3.6	8
2	Colorado geoid computation experiment: overview and summary. Journal of Geodesy, 2021, 95, 1.	3.6	36
3	A Sequential Monte Carlo Framework for Noise Filtering in InSAR Time Series. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1904-1912.	6.3	11
4	An experiment to test satellite radar interferometry-observed geodetic ties to remotely monitor vertical land motion at tide gauges. Global and Planetary Change, 2020, 185, 103084.	3.5	4
5	Towards an International Height Reference System: insights from the Colorado geoid experiment using AUSGeoid computation methods. Journal of Geodesy, 2020, 94, 1.	3.6	7
6	Comparison between geodetic and oceanographic approaches to estimate mean dynamic topography for vertical datum unification: evaluation at Australian tide gauges. Journal of Geodesy, 2018, 92, 1413-1437.	3.6	24
7	Description and release of Australian gravity field model testing data. Australian Journal of Earth Sciences, 2018, 65, 1-7.	1.0	12
8	The first Australian gravimetric quasigeoid model with location-specific uncertainty estimates. Journal of Geodesy, 2018, 92, 149-168.	3.6	32
9	On the Use of Repeat Leveling for the Determination of Vertical Land Motion: Artifacts, Aliasing, and Extrapolation Errors. Journal of Geophysical Research: Solid Earth, 2018, 123, 7021-7039.	3.4	10
10	First Results from Sentinel-1A InSAR over Australia: Application to the Perth Basin. Remote Sensing, 2017, 9, 299.	4.0	26
11	Practical Considerations before Installing Ground-Based Geodetic Infrastructure for Integrated InSAR and cGNSS Monitoring of Vertical Land Motion. Sensors, 2017, 17, 1753.	3.8	21
12	Nonlinear subsidence at Fremantle, a longâ€recording tide gauge in the Southern Hemisphere. Journal of Geophysical Research: Oceans, 2015, 120, 7004-7014.	2.6	24
13	Using Models of the Ocean's Mean Dynamic Topography to Identify Errors in Coastal Geodetic Levelling. Marine Geodesy, 2014, 37, 47-64.	2.0	6
14	Variance component estimation uncertainty for unbalanced data: application to a continent-wide vertical datum. Journal of Geodesy, 2014, 88, 1081-1093.	3.6	9
15	Error sources and data limitations for the prediction of surface gravity: a case study using benchmarks. Studia Geophysica Et Geodaetica, 2013, 57, 47-66.	0.5	5
16	A Re-Evaluation of the Offset in the Australian Height Datum Between Mainland Australia and Tasmania. Marine Geodesy, 2012, 35, 107-119.	2.0	14
17	Three viable options for a new Australian vertical datum. Journal of Spatial Science, 2012, 57, 19-36.	1.5	7
18	The northâ€south tilt in the Australian Height Datum is explained by the ocean's mean dynamic topography. Journal of Geophysical Research, 2012, 117, .	3.3	49

#	Article	IF	Citations
19	Regional geoid-model-based vertical datums â€“ some Australian perspectives. Journal of Geodetic Science, 2012, 2, 370-376.	1.0	7
20	Error propagation for three common height-system corrections to differential levelling. Journal of Spatial Science, 2011, 56, 39-58.	1.5	4
21	The AUSGeoid09 model of the Australian Height Datum. Journal of Geodesy, 2011, 85, 133-150.	3.6	57
22	The effect of EGM2008-based normal, normal-orthometric and Helmert orthometric height systems on the Australian levelling network. Journal of Geodesy, 2010, 84, 501-513.	3.6	43
23	Comparison and validation of the recent freely available ASTER-GDEM ver1, SRTM ver4.1 and GEODATA DEM-9S ver3 digital elevation models over Australia. Australian Journal of Earth Sciences, 2010, 57, 337-347.	1.0	242
24	Detecting spirit-levelling errors in the AHD: recent findings and issues for any new Australian height datum. Australian Journal of Earth Sciences, 2009, 56, 559-569.	1.0	15