

# Michael Dalzell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4259021/publications.pdf>

Version: 2024-02-01

15  
papers

467  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geomagnetically induced currents in the New Zealand power network. <i>Space Weather</i> , 2012, 10, .	3.7	103
2	Long-Lasting Geomagnetically Induced Currents and Harmonic Distortion Observed in New Zealand During the 7 <sup>th</sup> -8 <sup>th</sup> September 2017 Disturbed Period. <i>Space Weather</i> , 2018, 16, 704-717.	3.7	48
3	Observations of geomagnetically induced currents in the Australian power network. <i>Space Weather</i> , 2013, 11, 6-16.	3.7	47
4	Long-Term Geomagnetically Induced Current Observations From New Zealand: Peak Current Estimates for Extreme Geomagnetic Storms. <i>Space Weather</i> , 2017, 15, 1447-1460.	3.7	44
5	Long-term geomagnetically induced current observations in New Zealand: Earth return corrections and geomagnetic field driver. <i>Space Weather</i> , 2017, 15, 1020-1038.	3.7	43
6	Modeling Geoelectric Fields and Geomagnetically Induced Currents Around New Zealand to Explore GIC in the South Island's Electrical Transmission Network. <i>Space Weather</i> , 2017, 15, 1396-1412.	3.7	35
7	Transformer-Level Modeling of Geomagnetically Induced Currents in New Zealand's South Island. <i>Space Weather</i> , 2018, 16, 718-735.	3.7	34
8	Assessment of GIC Based On Transfer Function Analysis. <i>Space Weather</i> , 2017, 15, 1615-1627.	3.7	24
9	Geomagnetically Induced Current Model Validation From New Zealand's South Island. <i>Space Weather</i> , 2020, 18, e2020SW002494.	3.7	20
10	Geomagnetically Induced Currents and Harmonic Distortion: Storm-Time Observations From New Zealand. <i>Space Weather</i> , 2020, 18, e2019SW002387.	3.7	19
11	Geomagnetically Induced Currents and Harmonic Distortion: High Time Resolution Case Studies. <i>Space Weather</i> , 2020, 18, e2020SW002594.	3.7	13
12	Calculation of GIC in the North Island of New Zealand Using MT Data and Thin-Sheet Modeling. <i>Space Weather</i> , 2020, 18, e2020SW002580.	3.7	12
13	Geomagnetically induced currents during the 07 <sup>th</sup> -08 <sup>th</sup> September 2017 disturbed period: a global perspective. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 33.	3.3	11
14	Geomagnetically Induced Current Model in New Zealand Across Multiple Disturbances: Validation and Extension to Non-Monitored Transformers. <i>Space Weather</i> , 2022, 20, .	3.7	11
15	The Correspondence Between Sudden Commencements and Geomagnetically Induced Currents: Insights From New Zealand. <i>Space Weather</i> , 2022, 20, .	3.7	3