

Tim Divett

List of Publications by Year in descending order

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13
papers

449
citations

840776

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1125743

13
g-index

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all docs

13
docs citations

13
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing large arrays of tidal turbines: A synthesis and review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 41, 454-472.	16.4	119
2	Optimization of multiple turbine arrays in a channel with tidally reversing flow by numerical modelling with adaptive mesh. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120251.	3.4	46
3	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
4	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
5	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
6	Transformer-level Modeling of Geomagnetically Induced Currents in New Zealand's South Island. <i>Space Weather</i> , 2018, 16, 718-735.	3.7	34
7	Tidal energy resource complexity in a large strait: The Karori Rip, Cook Strait. <i>Continental Shelf Research</i> , 2012, 33, 100-109.	1.8	29
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	Channel-scale optimisation and tuning of large tidal turbine arrays using LES with adaptive mesh. <i>Renewable Energy</i> , 2016, 86, 1394-1405.	8.9	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 Current Model in New Zealand Across Multiple Disturbances: Validation and Extension to Non-monitored Transformers. <i>Space Weather</i> , 2022, 20, .	3.7	11