

G S Richardson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6943210/publications.pdf>

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14
papers

422
citations

840776

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h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of extreme geomagnetically induced currents in the UK high-voltage network. Space Weather, 2013, 11, 407-419.	3.7	84
2	Understanding GIC in the UK and French high-voltage transmission systems during severe magnetic storms. Space Weather, 2017, 15, 99-114.	3.7	61
3	Geomagnetically induced currents in the Irish power network during geomagnetic storms. Space Weather, 2016, 14, 1136-1154.	3.7	48
4	A Risk Assessment Framework for the Socioeconomic Impacts of Electricity Transmission Infrastructure Failure Due to Space Weather: An Application to the United Kingdom. Risk Analysis, 2019, 39, 1022-1043.	2.7	43
5	Modeling Geoelectric Fields and Geomagnetically Induced Currents Around New Zealand to Explore GIC in the South Island's Electrical Transmission Network. Space Weather, 2017, 15, 1396-1412.	3.7	35
6	Transformer-Level Modeling of Geomagnetically Induced Currents in New Zealand's South Island. Space Weather, 2018, 16, 718-735.	3.7	34
7	A Detailed Model of the Irish High Voltage Power Network for Simulating GICs. Space Weather, 2018, 16, 1770-1783.	3.7	23
8	Modeling Geoelectric Fields in Ireland and the UK for Space Weather Applications. Space Weather, 2019, 17, 216-237.	3.7	21
9	Geomagnetically Induced Current Model Validation From New Zealand's South Island. Space Weather, 2020, 18, e2020SW002494.	3.7	20
10	Differential Magnetometer Measurements of Geomagnetically Induced Currents in a Complex High Voltage Network. Space Weather, 2020, 18, e2019SW002421.	3.7	19
11	Geoelectric field measurement, modelling and validation during geomagnetic storms in the UK. Journal of Space Weather and Space Climate, 2021, 11, 37.	3.3	16
12	Geomagnetically Induced Current Model in New Zealand Across Multiple Disturbances: Validation and Extension to Non-Monitored Transformers. Space Weather, 2022, 20, .	3.7	11
13	On the Considerations of Using Near Real Time Data for Space Weather Hazard Forecasting. Space Weather, 2022, 20, .	3.7	5
14	Probabilistic hazard assessment: Application to geomagnetic activity. Journal of Space Weather and Space Climate, 2022, 12, 4.	3.3	1