

G S Richardson

List of Publications by Year in descending order

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14
papers

422
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840776

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1058476

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16
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16
docs citations

16
times ranked

324
citing authors

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