

E Joshua Rigler

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

282
citations

1163117

8
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and Sources of Intense Geoelectric Fields in the United States: Comparative Analysis of Multiple Geomagnetic Storms. <i>Space Weather</i> , 2022, 20, .	3.7	4
2	Mapping a Magnetic Superstorm: March 1989 Geoelectric Hazards and Impacts on United States Power Systems. <i>Space Weather</i> , 2022, 20, .	3.7	8
3	Numerical Simulations of the Geospace Response to the Arrival of an Idealized Perfect Interplanetary Coronal Mass Ejection. <i>Space Weather</i> , 2021, 19, e2020SW002489.	3.7	20
4	Magnetotelluric Sampling and Geoelectric Hazard Estimation: Are Nationalâ€Scale Surveys Sufficient?. <i>Space Weather</i> , 2021, 19, e2020SW002693.	3.7	11
5	Down to Earth With Nuclear Electromagnetic Pulse: Realistic Surface Impedance Affects Mapping of the E3 Geoelectric Hazard. <i>Earth and Space Science</i> , 2021, 8, e2021EA001792.	2.6	3
6	Simultaneous Observations of Geoelectric and Geomagnetic Fields Produced by Magnetospheric ULF Waves. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089441.	4.0	8
7	A 100â€year Geoelectric Hazard Analysis for the U.S. Highâ€Voltage Power Grid. <i>Space Weather</i> , 2020, 18, e2019SW002329.	3.7	28
8	Operational Nowcasting of Electron Flux Levels in the Outer Zone of Earth's Radiation Belt. <i>Space Weather</i> , 2018, 16, 501-518.	3.7	9
9	Methodology for timeâ€domain estimation of storm time geoelectric fields using the 3â€D magnetotelluric response tensors. <i>Space Weather</i> , 2017, 15, 874-894.	3.7	59
10	Geoelectric hazard maps for the continental United States. <i>Geophysical Research Letters</i> , 2016, 43, 9415-9424.	4.0	38
11	Magnetic Storms and Induction Hazards. <i>Eos</i> , 2014, 95, 445-446.	0.1	23
12	Adaptive linear prediction of radiation belt electrons using the Kalman filter. <i>Space Weather</i> , 2004, 2, n/a-n/a.	3.7	49