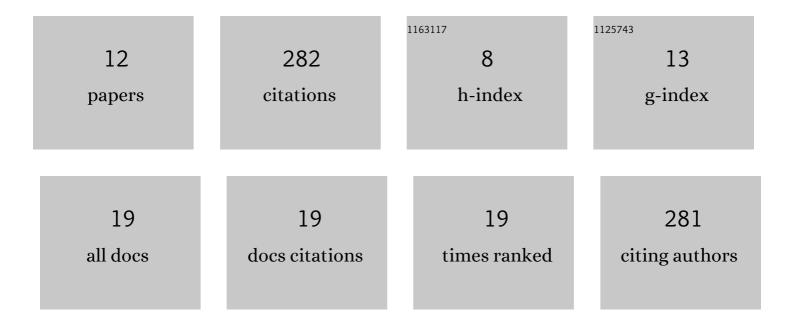
## E Joshua Rigler

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9503428/publications.pdf Version: 2024-02-01



F LOSHUA RICLER

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