

# Mark D Butala

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6220108/publications.pdf>

Version: 2024-02-01

10  
papers

89  
citations

1937685

4  
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1588992

8  
g-index

10  
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docs citations

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times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Geomagnetically Induced Currents From Magnetometer Measurements: Spatial Scale Assessed With Reference Measurements. <i>Space Weather</i> , 2017, 15, 1357-1372.	3.7	27
2	The Impact of Magnetic Field Temporal Sampling on Modeled Surface Electric Fields. <i>Space Weather</i> , 2018, 16, 1721-1739.	3.7	18
3	Multiinstrument observations of a geomagnetic storm and its effects on the Arctic ionosphere: A case study of the 19 February 2014 storm. <i>Radio Science</i> , 2017, 52, 146-165.	1.6	15
4	Characterization of the impact of GLONASS observables on receiver bias estimation for ionospheric studies. <i>Radio Science</i> , 2016, 51, 1010-1021.	1.6	12
5	Efficient Nonlinear Behavior Modeling Method for Voltage-Variable Capacitors. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021, 11, 462-470.	2.5	4
6	Parametric electromagnetic transfer function estimation at USArray Site MNF34. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 349, 012047.	0.3	3
7	An Evaluation of Robust Remote Reference and Parametric Magnetotelluric Transfer Function Estimation. , 2021, , .		3
8	Parametric Magnetotelluric Impedance Tensor Estimation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.3	3
9	A Remote-Reference-Free Parametric Method for Robust Magnetotelluric Impedance Tensor Estimation Evaluated at Several USArray Sites. , 2021, , .		2
10	Quantification of Mismatch Error in Randomly Switching Linear State-Space Models. <i>IEEE Signal Processing Letters</i> , 2021, 28, 2008-2012.	3.6	2