

# Martin Reiss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5440648/publications.pdf>

Version: 2024-02-01

16  
papers

364  
citations

840119

11  
h-index

940134

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g-index

19  
all docs

19  
docs citations

19  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting GICs and Geoelectric Fields From Solar Wind Data Using LSTMs: Application in Austria. <i>Space Weather</i> , 2022, 20, .	1.3	9
2	Evaluation of CME Arrival Prediction Using Ensemble Modeling Based on Heliospheric Imaging Observations. <i>Space Weather</i> , 2021, 19, e2020SW002553.	1.3	21
3	Analysis of Coronal Mass Ejection Flux Rope Signatures Using 3DCORE and Approximate Bayesian Computation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 9.	3.0	24
4	Why are ELEvoHI CME Arrival Predictions Different if Based on STEREOâ€A or STEREOâ€B Heliospheric Imager Observations?. <i>Space Weather</i> , 2021, 19, e2020SW002674.	1.3	11
5	The Observational Uncertainty of Coronal Hole Boundaries in Automated Detection Schemes. <i>Astrophysical Journal</i> , 2021, 913, 28.	1.6	16
6	Using Gradient Boosting Regression to Improve Ambient Solar Wind Model Predictions. <i>Space Weather</i> , 2021, 19, e2020SW002673.	1.3	15
7	Dragâ€Based CME Modeling With Heliospheric Images Incorporating Frontal Deformation: ELEvoHI 2.0. <i>Space Weather</i> , 2021, 19, e2021SW002836.	1.3	13
8	Machine Learning for Predicting the $B_z$ Magnetic Field Component From Upstream In Situ Observations of Solar Coronal Mass Ejections. <i>Space Weather</i> , 2021, 19, e2021SW002859.	1.3	13
9	Forecasting the Ambient Solar Wind with Numerical Models. II. An Adaptive Prediction System for Specifying Solar Wind Speed near the Sun. <i>Astrophysical Journal</i> , 2020, 891, 165.	1.6	24
10	Prediction of $D_{st}$ During Solar Minimum Using In Situ Measurements at L5. <i>Space Weather</i> , 2020, 18, e2019SW002424.	1.3	10
11	Prediction of the In Situ Coronal Mass Ejection Rate for Solar Cycle 25: Implications for Parker Solar Probe In Situ Observations. <i>Astrophysical Journal</i> , 2020, 903, 92.	1.6	27
12	Forecasting the Ambient Solar Wind with Numerical Models. I. On the Implementation of an Operational Framework. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 35.	3.0	25
13	Ensemble Prediction of a Halo Coronal Mass Ejection Using Heliospheric Imagers. <i>Space Weather</i> , 2018, 16, 784-801.	1.3	27
14	Preconditioning of Interplanetary Space Due to Transient CME Disturbances. <i>Astrophysical Journal</i> , 2017, 835, 141.	1.6	51
15	Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Heliophysics System Observatory. <i>Space Weather</i> , 2017, 15, 955-970.	1.3	65
16	Noise dependency of algorithms for calculating fractal dimensions in digital images. <i>Chaos, Solitons and Fractals</i> , 2015, 78, 39-46.	2.5	11