# Peter J Macneice

List of Publications by Year
in descending order



| 19 | 497 | 623734 | 794594 |
|---|---|---|---|
| papers | citations | 14 h-index | 19 g-index |

| 19 | 19 | 19 | 523 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Validation of the coronal mass ejection predictions at the Earth orbit estimated by ENLIL heliosphere cone model. Space Weather, 2009, 7, . | 3.7 | 73 |
| 2 | Verification of real-time WSAâ^'ENLIL+Cone simulations of CME arrival-time at the CCMC from 2010 to 2016. Journal of Space Weather and Space Climate, 2018, 8, A17. | 3.3 | 68 |
| 3 | Assessing the Quality of Models of the Ambient Solar Wind. Space Weather, 2018, 16, 1644-1667. | 3.7 | 44 |
| 4 | Validation of community models: 2. Development of a baseline using the Wangâ€Sheeleyâ€Arge model. Space Weather, 2009, 7, . | 3.7 | 39 |
| 5 | Validation of community models: Identifying events in space weather model timelines. Space Weather, 2009, 7, . | 3.7 | 35 |
| 6 | Validation of community models: 3. Tracing field lines in heliospheric models. Space Weather, 2011, 9, . | 3.7 | 29 |
| 7 | Helios Observations of Quasiperiodic Density Structures in the Slow Solar Wind at 0.3, 0.4, and 0.6ÂAU. Journal of Geophysical Research: Space Physics, 2019, 124, 837-860. | 2.4 | 28 |
| 8 | Forecasting the Ambient Solar Wind with Numerical Models. I. On the Implementation of an Operational Framework. Astrophysical Journal, Supplement Series, 2019, 240, 35. | 7.7 | 25 |
| 9 | First use of synoptic vector magnetograms for global nonlinear, force-free coronal magnetic field models. Astronomy and Astrophysics, 2014, 562, A105. | 5.1 | 24 |
| 10 | Forecasting the Ambient Solar Wind with Numerical Models. II. An Adaptive Prediction System for Specifying Solar Wind Speed near the Sun. Astrophysical Journal, 2020, 891, 165. | 4.5 | 24 |
| 11 | Numerical Simulation of Interacting Magnetic Flux Ropes. AIP Conference Proceedings, 2003, , . | 0.4 | 23 |
| 12 | The Hohmannâ€"Parker effect measured by the Mars Science Laboratory on the transfer from Earth to Mars: Consequences and opportunities. Planetary and Space Science, 2013, 89, 127-139. | 1.7 | 20 |
| 13 | Effect of Additional Magnetograph Observations From Different Lagrangian Points in Sunâ€Earth System on Predicted Properties of Quasiâ€Steady Solar Wind at 1 AU. Space Weather, 2020, 18, e2020SW002448. | 3.7 | 18 |
| 14 | What if we had a magnetograph at Lagrangian L5?. Space Weather, 2016, 14, 1026-1031. | 3.7 | 17 |
| 15 | Effect of uncertainties in solar synoptic magnetic flux maps in modeling of solar wind. Advances in Space Research, 2015, 56, 2719-2726. | 2.6 | 9 |
| 16 | Comprehensive Assessment of Models and Events Using Library Tools (CAMEL) Framework: Time Series Comparisons. Space Weather, 2019, 17, 845-860. | 3.7 | 9 |
| 17 | Unifying the validation of ambient solar wind models. Advances in Space Research, 2023, 72, 5275-5286. | 2.6 | 7 |
| 18 | On the Need to Automate Support for Quality Assessment Studies of Space Weather Models. Space Weather, 2018, 16, 1627-1634. | 3.7 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transforming community access to space science models. Eos, 2012, 93, 153-154. | 0.1 | 2 |