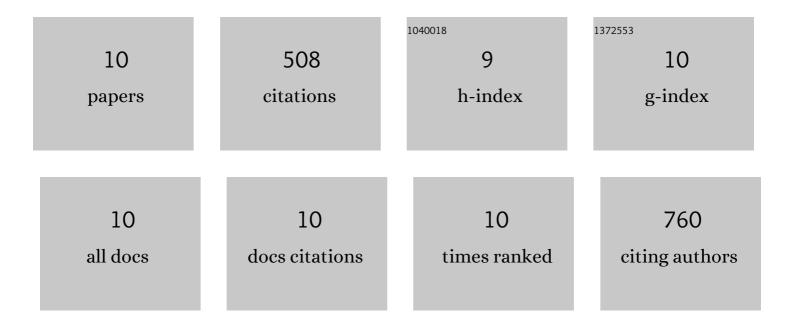
## **Bryan Stiles**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10513725/publications.pdf Version: 2024-02-01



| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Fluvial channels on Titan: Initial Cassini RADAR observations. Planetary and Space Science, 2008, 56, 1132-1144.  | 1.7  | 151       |
| 2  | Size and Shape of Saturn's Moon Titan. Science, 2009, 324, 921-923.   | 12.6 | 86        |
| 3  | Remotely Sensed Winds and Wind Stresses for Marine Forecasting and Ocean Modeling. Frontiers in Marine Science, 2019, 6, .  | 2.5  | 71        |
| 4  | Estimating Ocean Vector Winds and Currents Using a Ka-Band Pencil-Beam Doppler Scatterometer.<br>Remote Sensing, 2018, 10, 576.   | 4.0  | 67        |
| 5  | Strategies for Detecting Biological Molecules on Titan. Astrobiology, 2018, 18, 571-585.  | 3.0  | 33        |
| 6  | Cassini RADAR Sequence Planning and Instrument Performance. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1777-1795.                                      | 6.3  | 24        |
| 7  | Global contraction/expansion and polar lithospheric thinning on Titan from patterns of tectonism.<br>Journal of Geophysical Research E: Planets, 2015, 120, 1220-1236.    | 3.6  | 24        |
| 8  | Hypsometry of Titan. Icarus, 2011, 211, 699-706.  | 2.5  | 22        |
| 9  | Surface roughness of Titan's hydrocarbon seas. Earth and Planetary Science Letters, 2017, 474, 20-24.   | 4.4  | 21        |
| 10 | Measuring Winds and Currents with Ka-Band Doppler Scatterometry: An Airborne Implementation and<br>Progress towards a Spaceborne Mission. Remote Sensing, 2020, 12, 1021. | 4.0  | 9         |