

# Darren L Hitt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1432016/publications.pdf>

Version: 2024-02-01

8  
papers

233  
citations

1937685

4  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

157  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A fast quadrature-based gravity model for the homogeneous polyhedron. Monthly Notices of the Royal Astronomical Society, 2020, 492, 420-430.            | 4.4 | 5         |
| 2 | A Single-Use Microthruster Concept for Small Satellite Attitude Control in Formation-Flying Applications. Aerospace, 2018, 5, 119.                      | 2.2 | 6         |
| 3 | A Dual Mode Propulsion System for Small Satellite Applications. Aerospace, 2018, 5, 52.   | 2.2 | 10        |
| 4 | Evolutionary Approach to Lambert's Problem for Non-Keplerian Spacecraft Trajectories. Aerospace, 2017, 4, 47.   | 2.2 | 4         |
| 5 | Effect of Wetting on the Ability of Nanomaterials to Act as Effective Catalysts. Advances in Chemical Engineering and Science, 2016, 06, 541-552.       | 0.5 | 3         |
| 6 | A MEMS-Based Catalytic Microreactor for a $H_2/O_2$ Monopropellant Micropropulsion System. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1250-1258. | 5.8 | 22        |
| 7 | Influence of Transverse Fins in a Rayleigh-Benard Cavity. , 2006, , .   |     | 0         |
| 8 | MEMS-based satellite micropropulsion via catalyzed hydrogen peroxide decomposition. Smart Materials and Structures, 2001, 10, 1163-1175.                | 3.5 | 183       |