

David B Spencer

List of Publications by Year in descending order

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13
papers

200
citations

1307366

7
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

123
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Satellite Constellation Design Tradeoffs Using Multiple-Objective Evolutionary Computation. Journal of Spacecraft and Rockets, 2006, 43, 1404-1411. | 1.3 | 62 |
| 2 | Optimal, Low-Thrust Earth-Orbit Transfers Using Higher-Order Collocation Methods. Journal of Guidance, Control, and Dynamics, 2002, 25, 40-47. | 1.6 | 48 |
| 3 | Many-objective reconfiguration of operational satellite constellations with the Large-Cluster Epsilon Non-dominated Sorting Genetic Algorithm-II. , 2009, , . | | 17 |
| 4 | Transit-Orbit Search for Planar Restricted Three-Body Problems with Perturbations. Journal of Guidance, Control, and Dynamics, 2004, 27, 1035-1045. | 1.6 | 16 |
| 5 | Calculating Transfer Families to Periodic Distant Retrograde Orbits Using Differential Correction. Journal of Guidance, Control, and Dynamics, 2010, 33, 1592-1605. | 1.6 | 15 |
| 6 | Designing continuous-thrust low-Earth-orbit to geosynchronous-Earth-orbit transfers. Journal of Spacecraft and Rockets, 1995, 32, 1033-1038. | 1.3 | 14 |
| 7 | Transfers to Sticky Distant Retrograde Orbits. Journal of Guidance, Control, and Dynamics, 2010, 33, 1940-1946. | 1.6 | 10 |
| 8 | Early Mission Design of Transfers to Halo Orbits via Particle Swarm Optimization. Journal of the Astronautical Sciences, 2016, 63, 81-102. | 0.8 | 8 |
| 9 | Orbit Transfer via Tube Jumping in Planar Restricted Problems of Four Bodies. Journal of Spacecraft and Rockets, 2005, 42, 321-328. | 1.3 | 6 |
| 10 | Optimal Continuous-Thrust Trajectories Via Visual Trade Space Exploration. Journal of the Astronautical Sciences, 2009, 57, 755-766. | 0.8 | 2 |
| 11 | Control Laws for Minimum Orbital Change-The Satellite Retrieval Problem. Journal of Guidance, Control, and Dynamics, 2001, 24, 1231-1233. | 1.6 | 1 |
| 12 | Thermospheric density model blending techniques: Bridging the gap between satellites and sounding rockets. Radio Science, 2009, 44, n/a-n/a. | 0.8 | 1 |
| 13 | Some Technical Issues of an Optically Focused Small Space Debris Tracking and Cataloging System. Space Debris, 2000, 2, 137-160. | 0.8 | 0 |