

The 25 Most Downloaded Articles from
Acta Astronautica

- >> **Preview Free** the article abstract to ensure it's right for you
 - >> **Purchase Full Text** article access for instant viewing
 - >> **Download PDF** of your selections for later reference
-

1. [New challenges for life sciences flight project management](#)
Acta Astronautica, Volume 44, Issue 7-12, April 1999, Pages 583-584
Huntoon, C.L.
2. [Managing the natural disasters from space technology inputs](#)
Acta Astronautica, Volume 40, Issue 2-8, January 1997, Pages 291-325
Jayaraman, V.; Chandrasekhar, M.G.; Rao, U.R.
[Cited by Scopus \(6\)](#)
3. [Engineering of lunar bases](#) - Review article
Acta Astronautica, Volume 62, Issue 4-5, February 2008, Pages 277-299
Benaroya, H.; Bernold, L.
4. [DESIGN AND DEPLOYMENT OF A SPACE ELEVATOR](#)
Acta Astronautica, Volume 47, Issue 10, November 2000, Pages 735-744
Edwards, B.C.
[Cited by Scopus \(32\)](#)
5. [Advanced materials for space applications](#) - Short communication
Acta Astronautica, Volume 61, Issue 11-12, December 2007, Pages 1121-1129
Pater, R.H.; Curto, P.A.
6. [New applications of rapid prototyping and rapid manufacturing \(RP/RM\) technologies for space instrumentation](#)
Acta Astronautica, Volume 61, Issue 1-6, June 2007, Pages 352-359
Rochus, P.; Plessier, J.Y.; Van Elsen, M.; Kruth, J.P.; Carrus, R.; Dormal, T.
7. [Value flow mapping: Using networks to inform stakeholder analysis](#)
Acta Astronautica, Volume 62, Issue 4-5, February 2008, Pages 324-333
Cameron, B.G.; Crawley, E.F.; Loureiro, G.; Rebentisch, E.S.
8. [Advanced ceramic matrix composite materials for current and future propulsion technology applications](#)
Acta Astronautica, Volume 55, Issue 3-9, August 2004, Pages 409-420
Schmidt, S.; Beyer, S.; Knabe, H.; Immich, H.; Meistring, R.; Gessler, A.
[Cited by Scopus \(25\)](#)
9. [New technology innovations with potential for space applications](#)
Acta Astronautica
Krishen, K.
10. ["You can get there from here": Advanced low cost propulsion concepts for small satellites beyond LEO](#)
Acta Astronautica, Volume 57, Issue 2-8, July 2005, Pages 288-301
Baker, A.M.; da Silva Curiel, A.; Schaffner, J.; Sweeting, M.
[Cited by Scopus \(3\)](#)
11. [The solar collector and near-Earth object deflection](#) - Short communication
Acta Astronautica, Volume 62, Issue 4-5, February 2008, Pages 334-337
Matloff, G.L.
12. [Requirements and approach for a space tourism launch system](#)
Acta Astronautica, Volume 52, Issue 1, January 2003, Pages 49-75
Penn, J.P.; Lindley, C.A.
[Cited by Scopus \(4\)](#)
13. [X-43A Hypersonic vehicle technology development](#)
Acta Astronautica, Volume 59, Issue 1-5, July 2006, Pages 181-191
Volland, R.T.; Huebner, L.D.; McClinton, C.R.
[Cited by Scopus \(2\)](#)
14. [Experimental investigation of high-frequency combustion instabilities in liquid rocket engine](#)
Acta Astronautica, Volume 62, Issue 1, January 2008, Pages 18-27
Richecoeur, F.; Ducruix, S.; Scouffaire, P.; Candel, S.
15. ["Faster, better, and cheaper" at NASA: Lessons learned in managing and accepting risk](#)
Acta Astronautica, Volume 61, Issue 10, November 2007, Pages 954-963
Paxton, L.J.

16. [Nuclear electric ion propulsion for three deep space missions](#)
Acta Astronautica
Chiravalle, V.P.
17. [Technologies for thermal protection systems applied on re-usable launcher](#)
Acta Astronautica, Volume 55, Issue 3-9, August 2004, Pages 529-536
Behrens, B.; Muller, M.
[Cited by Scopus \(5\)](#)
18. [Satellite services for disaster management and security applications](#)
Acta Astronautica, Volume 60, Issue 12, June 2007, Pages 986-991
Koudelka, O.; Schrotter, P.
19. [CFD and experimental study of an inflatable re-entry vehicle model at Mach 3 conditions](#)
Acta Astronautica, Volume 61, Issue 10, November 2007, Pages 854-865
Terry, J.; Barber, T.
20. [The microbial case for Mars and its implication for human expeditions to Mars](#)
Acta Astronautica
Horneck, G.
21. [Characterization of a lower-body exoskeleton for simulation of space-suited locomotion](#)
Acta Astronautica, Volume 62, Issue 4-5, February 2008, Pages 308-323
Carr, C.E.; Newman, D.J.
22. [Availability, accuracy, reliability, and carrier-phase ambiguity resolution with Galileo and GPS](#)
Acta Astronautica, Volume 58, Issue 8, April 2006, Pages 422-434
O'Keefe, K.; Julien, O.; Cannon, M.E.; Lachapelle, G.
23. [Communicating about the discovery of extraterrestrial life: Different searches, different issues](#)
Acta Astronautica, Volume 62, Issue 1, January 2008, Pages 71-78
Race, M.S.
24. [Breakwell Memorial Lecture: Attitude dynamics of satellite-From spinning satellite to space robot](#)
Acta Astronautica, Volume 62, Issue 2-3, January 2008, Pages 131-139
Tsuchiya, K.
25. [Design of interferometric and bistatic mission phases of COSMO/SkyMed constellation](#)
Acta Astronautica, Volume 62, Issue 2-3, January 2008, Pages 97-111
D'Errico, M.; Fasano, G.