

## Bolonkin's publications in 2007-2013 (Loading is free)

Third List of publication: <http://www.scribd.com/doc/173336338/Publications-by-Bolonkin-30-September-2013>

Second List of publication: <http://www.scribd.com/doc/159024028/Bolonkin%E2%80%99s-publications-in-2007-2012>

Some books and articles by A.Bolonkin published in (2007-2013) are on line in <http://www.scribd.com>, <http://www.archive.org>, <http://arxiv.org> (45), <http://viXra.org>, <http://intellectualarchive.com> (28), <http://AIAA.org> (41) and in Bolonkin's WEB <http://Bolonkin.narod.ru>.

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- 7) **“New Concepts, Ideas, Innovations in Aerospace, Technology and the Human Sciences”, NOVA, 2006, 510 pgs. ISBN-13: 978-1-60021-787-6.**  
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- 8) **“New Technologies and Revolutionary Projects”, Scribd, 2008, 324 pgs,**  
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- 9) **«Жизнь. Наука. Будущее» (биографические очерки, исследования и инновации),**  
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- 2) **Femtotechnology: Design of the Strongest AB-Matter for Aerospace** Presented as paper AIAA-2009-4620 to 45 Joint Propulsion Conference, 2-5 August, 2009, Denver CO, USA. See also closed paper AIAA-2010-1556 in 48 Aerospace Meeting, New Horizons, 4 – 7 January, 2010, Orlando, FL, USA.  
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Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES

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Alexander Bolonkin , Brooklyn, NY, UNITED STATES

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Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES

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## 13. Kinetic Anti-Gravitator

Alexander Bolonkin , Brooklyn, NY, UNITED STATES

AIAA-2005-4504

41st AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, Tucson, Arizona, July 10-13, 2005

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#### **14. Developing Conception of Faraday Motor. Space Trolley Buss**

Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES; Mark Krinker City University of New York, Bronx, NY, UNITED STATES

AIAA-2009-6664

AIAA SPACE 2009 Conference and Exposition, Pasadena, California, Sep. 14-17, 2009

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#### **15. Utilization of Wind Energy at High Altitude**

Alexander Bolonkin Eglin AFB, Brooklyn, NY, UNITED STATES

AIAA-2004-5705

2nd International Energy Conversion Engineering Conference, Providence, Rhode Island, Aug. 16-19, 2004

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#### **16. Magnetic Field-Based Conception of an Orbital Flight**

Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES; Mark Krinker CUNY, Bronx, NY, UNITED STATES

AIAA-2009-5340

45th AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, Denver, Colorado, Aug. 2-5, 2009

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#### **17. Sling Rotary Space Launcher**

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#### **18. New High Speed AB-Solar Sail**

Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES

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### 20. Magnetic Propeller for Uniform Magnetic Field Levitation

Mark Krinker CandR, Bronx, NY, UNITED STATES; Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES

AIAA-2008-4610

44th AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, Hartford, CT, July 21-23, 2008

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43rd AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, Cincinnati, OH, July 8-11, 2007

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AIAA-2007-367

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## 26. A New Type of Thermonuclear Reactor for Aerospace

Alexander Bolonkin C and R Technologies, Brooklyn, NY, UNITED STATES

AIAA-2006-7275

Space 2006, San Jose, California, Sep. 19-21, 2006

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## **27. Air Cable Transport System**

Alexander Bolonkin,

Journal of Aircraft 2003

0021-8669 vol.40 no.2 (265-269)

doi: 10.2514/2.3118

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Alexander Bolonkin Air Force Research Laboratory, Eglin AFB, FL, UNITED STATES; Robert Sierakowski Air Force Research Laboratory, Eglin AFB, FL, UNITED STATES

AIAA-2003-6638

2nd AIAA "Unmanned Unlimited" Conf. and Workshop and Exhibit, San Diego, California, Sep. 15-18, 2003

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## **29. Converting of Matter to Energy by AB-Generator and Photon Rocket**

**Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES**

**AIAA-2009-5342**

**45th AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit, Denver, Colorado, Aug. 2-5, 2009**

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### 30. Geometry-Based Parametric Modeling For Single-Pursuer Multiple Evader Problems

A. Bolonkin, Eglin AF Base; R. Murphey, Eglin AF Base

Journal of Guidance, Control, and Dynamics 2005

0731-5090 vol.28 no.1 (145-149)

doi: 10.2514/1.4959

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### 31. Method for finding a global minimum

Bolonkin, A. A., USAF, Flight Dynamics Directorate, Wright-Patterson AFB, OH; Khot, N. S., USAF, Flight Dynamics Directorate, Wright-Patterson AFB, OH

AIAA-1994-4420

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### 32. Theory of Space Magnetic Sail Some Common Mistakes and Electrostatic MagSail

Alexander Bolonkin CandR, Brooklyn, NY, UNITED STATES

AIAA-2006-8148

14th AIAA/AHI Space Planes and Hypersonic Systems and Technologies Conference, Canberra, Australia, Nov. 6-9, 2006

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### 33. Geometry-Based Parametric Modeling for Single Pursuer Multiple Evader Problems

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AIAA-2003-6611

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### 34. A New Method of Atmospheric Reentry for Space Shuttles

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AIAA-2006-6985

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### 35. Theory of Space Magnetic Sail and Electrostatic MagSail

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AIAA-2007-499

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### 36. **Some Optimal Problems in Search, Observation, and Attack**

Alexander Bolonkin Air Force Research Laboratory, Brooklyn, NY, UNITED STATES; James Cloutier U.S. Air Force Research Laboratory, Eglin AFB, FL, UNITED STATES

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### 37. **Inflatable Dome for Moon, Mars, Asteroids, and Satellites**

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AIAA-2007-6262

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### 38. **Hypersonic Gas-Rocket Launch System**

Alexander Bolonkin NJIT, Fort Walton Beach, FL, UNITED STATES

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Andrew Ketsdever, U.S. Air Force Research Laboratory; Marcus Young, U.S. Air Force Research Laboratory; Jason Mossman, U.S. Air Force Research Laboratory; Anthony Pancotti, ERC, Inc.

Journal of Spacecraft and Rockets 2010

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### 40. **Search and Attack Strategies**

Alexander Bolonkin U.S. Air Force Research Laboratory, Eglin AFB, FL, UNITED STATES; James Cloutier U.S. Air Force Research Laboratory, Eglin AFB, FL, UNITED STATES

AIAA-2005-6403

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### 41. **Search and Attack Strategies**

Alexander Bolonkin Eglin AFB, Brooklyn, NY, UNITED STATES; James Cloutier Eglin AFB, Eglin, FL, UNITED STATES

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