

ISSN: 2415-6469(Online) ISSN: 2415-6450(Print)

ADVANCES IN ASTROPHYSICS

Vol. 3, No. 4, November 2018



ISAAC SCIENTIFIC
PUBLISHING



9 772415 645008

TABLE OF CONTENTS

Volume 3 Number 4

November 2018

The Natural Changes of Solar-Terrestrial Relations

G.Y. Smolkov205

Stability of Levitating Objects

Boris V. Alexeev218

A Lognormal Luminosity Function for SWIRE in Flat Cosmology

Lorenzo Zaninetti239

Raman and Infrared Spectroscopic Tentative Identification of Organic Traces in Sadiya (LL5)

Ordinary Chondrite

Bhaskar J. Saikia, G. Parthasarathy, Rashmi R. Borah250

Self-gravitating Envelope Solitons in a Degenerate Quantum Plasma System

N. Ahmed, N. A. Chowdhury, A. Mannan, A. A. Mamun257

Confirmation of Microbial Ingress from Space

N. C. Wickramasinghe, M. J. Rycroft, D.T. Wickramasinghe, E. J. Steele, Daryl. H. Wallis, Robert Temple, G. Tokoro, A.V. Syroeshkin, T.V. Grebennikova, O.S. Tsygankov266

Advances in Astrophysics (AdAp)

EDITOR-IN-CHIEF

Prof. Michael D. Smith The University of Kent, UK

EDITORIAL BOARD

Prof. David F. Mota University of Oslo, Norway
Prof. G. Parthasarathy CSIR- National Geophysical Research Institute, India
Prof. Luigi Maxmilian Caligiuri University of Calabria, Italy
Dr. Athina Meli University of Gent, Belgium
Dr. AbdulRazaq Abdulraheem Kwara State University, Nigeria
Prof. A A Mamun Jahangirnagar University, Bangladesh
Prof. Hiroshi Uechi Osaka Gakuin University, Japan
Prof. Nalin Chandra Wickramasinghe University of Buckingham, UK
Dr. Shahid Ali National Centre for Physics (NCP), Pakistan
Prof. Ram Krishan Sharma Karunya University, India
Prof. Boris V. Alexeev Moscow Fine Chemical Technology Institute, Russia
Dr. Gennady Ya. Smolkov Institute of Solar-Terrestrial Physics, Russia

SUBSCRIPTIONS

Advances in Astrophysics (AdAp) (Online at www.isaacpub.org) is published quarterly by Isaac Scientific Publishing. For printed journal subscription, please contact: service@isaacpub.org
Subscription rates: \$29 per issue (by air mail)

ADVERTISEMENTS & REPRINTS

For advertisements and reprints affairs, please contact: service@isaacpub.org
The reprints require a minimum quantity of 50 copies.

PUBLISHER

Isaac Scientific Publishing Co., Limited
Unit 04, 7/F Bright Way Tower, No. 33 Mong Kok Rd., KL, Hong Kong(China)