LIST OF PUBLICATIONS OF BOBOMURAT AHMEDOV
ULUGH BEG ASTRONOMICAL INSTITUTE, TASHKENT 100052, UZBEKISTAN

BOOKS (authored, translated, edited and/or co-edited):

(a) A.A. Abdujabbarov, B.J. Ahmedov, Photons Motion and Optical Properties of Black holes, Tashkent, 2019, 184 pp.


(g) B.J. Ahmedov, Lecture Notes on Relativistic Astrophysics, National University of Uzbekistan, Tashkent, 2003 (in Russian).


(k) B.J. Ahmedov, Wenbiao Han, A.A. Abdujabbarov, Editors of Special Issue "Particles and Fields in Black Hole Environment", Galaxies, MDPI (2021) under progress
https://www.mdpi.com/journal/galaxies/special_issues/black_hole_environment

PAPERS/ARTICLES

(a) Publications in international refereed journals:


11. Sanjar Shaymatov, Jaroslav Vrba, Daniele Malafarina, Bobomurat Ahmedov and Zdenek Stuchlik, Charged particle and epicyclic motions around 4D Einstein-Gauss-Bonnet black hole immersed in an external magnetic field, Physics of Dark Universe, 2020, V. 30, 100648, 10pp. (Impact Factor: 5.430)

12. Sanjar Shaymatov, Naresh Dadhich, Bobomurat Ahmedov, Mubasher Jamil, Five dimensional charged rotating minimally gauged supergravity black hole cannot be over-spun and/or over-charged in non-linear accretion, 2020, European Physical Journal C, 80:481, 12 pp (Impact Factor: 4.843)


60. Toshmatov, Bobir; Abdujabbarov, Ahmadjon; **Ahmedov, Bobomurat**; Stuchlík, Zdenek, High Energy Collisions of Magnetized Particles around a


(b) **Submitted papers to refereed journals:**


130. Sanjar Shaymatov, Daniele Malafarina, Bobomurat Ahmedov, Effect of perfect fluid dark matter on particle motion around a static black hole immersed in an external magnetic field, 2021, submitted to *European Physical Journal C*


(c) publications in national refereed journals:


(d) publications in conference proceedings:


163. V.S. Morozova, B. Ahmedov, O. Zanotti, Explaining Radio Emission of Magnetars Via Rotating And Oscillating Magnetospheres Of Neutron Stars,


CITATIONS (of published works):

(a) Total number of citations: ~ 4100; h-index = 35 (Google Scholar)

h-index = 30 Web of Science/Scopus

(b) Maximum citations of a published paper: ~ 175


Name of nominee: Bobomurat Ahmedov

Signature: [Signature]

Date: 04 August, 2021