

**Основные публикации
профессора РАН дфмн
Попова С.Б.
по астрофизике нейтронных звезд**

1. A. Drago, G. Pagliara, S.B. Popov, S. Traversi, G. Wiktorowicz
``The merger of two compact stars: a tool for dense matter nuclear physics''
Universe v. 4, p. 50 (2018)
2. A.P. Igoshev, S.B. Popov
``How to make a mature accreting magnetar''
MNRAS vol. 473 pp. 3204-3210 (2018)
3. G. Wiktorowicz, A. Drago, G. Pagliara, S.B. Popov
``Strange quark stars in binaries: formation rates, mergers and explosive phenomena''
ApJ vol. 846, pp. 163-172 (2017)
4. S.B. Popov, R. Taverna, R. Turolla
``Probing the surface magnetic field structure in RX J1856.5-3754''
MNRAS vol. 464, pp. 4390-4398 (2017)
5. K.A. Postnov, A.G. Kuranov, D.A. Kolesnikov, S.B. Popov, N.K. Porayko
``Rapidly rotating neutron star progenitors''
MNRAS vol. 463, pp. 1642-1650 (2016)
6. A.P. Igoshev, J.G. Elfriz, S.B. Popov
``Post fall-back evolution of multipolar magnetic fields and radio pulsar activation''
MNRAS vol. 462, pp. 3689-3702 (2016)
7. S.B. Popov
``Magneto-rotational and thermal evolution of young neutron stars ''
AN, vol. 336 pp. 861-865 (2015)
8. S.B. Popov, K.A. Postnov, N.I. Shakura
``Settling accretion on to isolated neutron stars from interstellar medium''
MNRAS vol. 447 pp. 2817-2820 (2015)
9. A.P. Igoshev, S.B. Popov
``Modified pulsar current analysis: probing magnetic field evolution''
MNRAS vol. 444, pp. 1066-1076 (2014)
10. S.B. Popov
``Origin of magnetar-scale crustal field in PSR J1852+0040 and "frozen" magnetars''
PASA vol. 30, id. 045 (2013)