

Крымская астрофизическая обсерватория РАН
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1. Abia, C.; de Laverny, P.; Korotin, S.; Asensio Ramos, A.; Recio-Blanco, A.; et al./ Rubidium abundances in solar metallicity stars// 2021 Astronomy & Astrophysics, V. 648, id.A107, 10 pp.
2. Plachinda, S.I.; Butkovskaya, V.V.; Pankov, N.F./Toward the global magnetic field of the planet-hosting red giant eps Tau// 2021 Astronomische Nachrichten, V. 342, pp. 607-612.
3. Lyubimkov, L.S.; Korotin, S.A.; Petrov, D.V.; Poklad, D.B.; Mkrtichian, D.E.; et al./ Fundamental parameters and non local thermodynamic equilibrium abundances of key light elements for nine bright and nearby K giants// 2021 Astronomische Nachrichten, V. 342, pp. 497-514.
4. Abia, C.; Tabernero, H.M.; Korotin, S.A.; Montes, D.; Marfil, E.; et al./ The CARMENES search for exoplanets around M dwarfs. Rubidium abundances in nearby cool stars// 2020 Astronomy & Astrophysics, V. 642, id.A227, 15 pp.
5. Korotin, S.A.; Andrievsky, S.M.; Caffau, E.; Bonifacio, P.; Oliva, E./ Study of the departures from LTE in the unevolved stars infrared spectra// 2020 MNRAS, V. 496, P. 2462-2473.
6. Korotin, S.A./Non-LTE Effects in Rubidium Lines in Cool Stars// Astronomy Letters, V. 46, P. 541-549.
7. Lyubimkov, L.S.; Korotin, S.A.; Lambert, D.L./Oxygen abundance and the N/C versus N/O relation for AFG supergiants and bright giants// 2019 MNRAS, V. 489, P. 1533-1542.
8. Han, I.; Valyavin, G.; Galazutdinov, G.; Plachinda, S.; Butkovskaya, V.; et al./ Magnetic field and orbit of the star β CrB// 2018 MNRAS, V. 479, P.1427-1432.
9. Salvadori, S.; Bonifacio, P.; Caffau, E.; Korotin, S.; Andreevsky, S.; et al./ Probing the existence of very massive first stars// 2019 MNRAS, V. 487, P. 4261-4284.
10. Caffau, E.; Bonifacio, P.; Oliva, E.; Korotin, S.; Capitanio, L.; et al./ Systematic investigation of chemical abundances derived using IR spectra obtained with GIANO// 2019 Astronomy & Astrophysics, V. 622, 14 pp.
11. Lyubimkov, L. S./ Light Chemical Elements in Stars: Mysteries and Unsolved Problems// 2018 Astrophysics, V. 61, Issue 2, pp.262-285.
12. Korotin, S. A.; Andrievsky, S. M.; Zhukova, A.V./ Copper abundance from Cu I and Cu II lines in metal-poor star spectra: NLTE versus LTE// 2018 MNRAS, V. 480, P. 965-971.
13. Andrievsky, S.; Wallerstein, G.; Korotin, S.; Lyashko, D.; Kovtyukh, V.; et al./ The Relationship of Sodium and Oxygen in Galactic Field RR Lyrae Stars// 2018 PASP, V. 130, pp. 024201.
14. Andrievsky, S.; Bonifacio, P.; Caffau, E.; Korotin, S.; Spite, M.; et al./ Galactic evolution of copper in the light of NLTE computations// 2018 MNRAS, V. 473, P. 3377-3384.
15. Butkovskaya, V.V.; Plachinda, S.I.; Bondar', N.I.; Baklanova, D.N. / On the magnetic activity cycle and rotation of the yellow subgiant β Aql// 2017 Astronomische Nachrichten, V. 338, pp. 896-902.