

Oleg Popov Publication List:

1. “Quartified Leptonic Color, Bound States, and Future Electron-Positron Collider” Corey Kownacki, Ernest Ma, Nicholas Pollard, Oleg Popov, Mohammadreza Zakeri [arXiv:1701.07043 [hep-ph]].
2. “One Leptoquark to unify them? Unification in the light of $(g-2)_\mu$, $R_{D^{(*)}}$ and R_K anomalies,” O. Popov and G. A. White, [arXiv:1611.04566 [hep-ph]].
3. “Pathways to Naturally Small Dirac Neutrino Masses,” E. Ma and O. Popov, Phys. Lett. B **764C** (2017) pp. 142-144 doi:10.1016/j.physletb.2016.11.027 [arXiv:1609.02538 [hep-ph]].
4. “Gauge $B - L$ model of radiative neutrino mass with multipartite dark matter,” E. Ma, N. Pollard, O. Popov and M. Zakeri, Mod. Phys. Lett. A **31**, no. 27, 1650163 (2016) doi:10.1142/S0217732316501637 [arXiv:1605.00991 [hep-ph]].
5. “Phenomenology of the Utilitarian Supersymmetric Standard Model,” S. Fraser, C. Kownacki, E. Ma, N. Pollard, O. Popov and M. Zakeri, Nucl. Phys. B **909**, 644 (2016) doi:10.1016/j.nuclphysb.2016.06.012 [arXiv:1603.04778 [hep-ph]].
6. “Type II Radiative Seesaw Model of Neutrino Mass with Dark Matter,” S. Fraser, C. Kownacki, E. Ma and O. Popov, Phys. Rev. D **93**, no. 1, 013021 (2016) doi:10.1103/PhysRevD.93.013021 [arXiv:1511.06375 [hep-ph]].
7. “Neutrino Mixing and CP Phase Correlations,” E. Ma, A. Natale and O. Popov, Phys. Lett. B **746**, 114 (2015) doi:10.1016/j.physletb.2015.04.064 [arXiv:1502.08023 [hep-ph]].
8. “Quantum beat spectroscopy: Stimulated emission probe of hyperfine quantum beats in the atomic Cs $8p^2P_{3/2}$ level,” Bayram, S. B. and Arndt, P. and Popov, O. I. and Güney, C. and Boyle, W. P. and Havey, M. D. and McFarland, J., PhysRevA.90.062510 10.1103/PhysRevA.90.062510 [arXiv:1409.0290 [quant-ph]].
9. “Scotogenic Inverse Seesaw Model of Neutrino Mass,” S. Fraser, E. Ma and O. Popov, Phys. Lett. B **737**, 280 (2014) doi:10.1016/j.physletb.2014.08.069 [arXiv:1408.4785 [hep-ph]].
10. “Optical-optical double resonance circular polarization spectroscopy: Measurement of the disorientation cross section in $J=1/2$ Cs atoms,” S.B. Bayram, D.S. Fisher, O. Popov and Z. Saglam, J. of Quantitative Spectroscopy & Radiative Transfer (JQSRT), vol.113, 2066 (2012).