

# Samo Stanič, scientific papers in 2022

## References

- [1] L. Wang, M. Bervida Mačak, S. Stanič, K. Bergant, A. Gregorič, L. Drinovec, G. Močnik, z. Yin, Y. Yi, D. Müller, X. Wang, “Investigation of Aerosol Types and Vertical Distributions Using Polarization Raman Lidar over Vipava Valley,” *Remote Sens.* (2022), **14**, 3482, <https://doi.org/10.3390/rs14143482>.
- [2] R. Zanin *et al.* [CTA Observatory, CTA Consortium and LST], “CTA – the World’s largest ground-based gamma-ray observatory,” *PoS ICRC2021* (2022), 005, <https://doi.org/10.22323/1.395.0005>.
- [3] M. Živec *et al.* “Observation of the Cumbre Vieja volcano plume above the Observatorio del Roque de los Muchachos with the Barcelona Raman LIDAR,” *J. Phys. Conf. Ser.* **2398** (2022) no.1, 012013, <https://doi.org/10.1088/1742-6596/2398/1/012013>.
- [4] P. Abreu *et al.* [Pierre Auger], “Multi-Messenger astrophysics with the Pierre Auger Observatory,” *PoS ICHEP2022* (2022), 082, <https://doi.org/10.22323/1.414.0082>.
- [5] P. Abreu *et al.* [Pierre Auger], “Searches for Ultra-High-Energy Photons at the Pierre Auger Observatory,” *Universe* **8** (2022) no.11, 579, <https://doi.org/10.3390/universe8110579>.
- [6] P. Abreu *et al.* [Pierre Auger], “Arrival Directions of Cosmic Rays above 32 EeV from Phase One of the Pierre Auger Observatory,” *Astrophys. J.* **935** (2022) no.2, 170, <https://doi.org/10.3847/1538-4357/ac7d4e>.
- [7] P. Abreu *et al.* [Pierre Auger], “A Search for Photons with Energies Above  $2 \times 10^{17}$  eV Using Hybrid Data from the Low-Energy Extensions of the Pierre Auger Observatory,” *Astrophys. J.* **933** (2022) no.2, 125, <https://doi.org/10.3847/1538-4357/ac7393>.
- [8] R. Caruso *et al.* [Pierre Auger], “Operations of the Pierre Auger Observatory,” *PoS ICRC2021* (2022), 238, <https://doi.org/10.22323/1.395.0238>.
- [9] A. Albert *et al.* [IceCube, Pierre Auger, Telescope Array, Auger and ANTARES], “Search for Spatial Correlations of Neutrinos with Ultra-high-energy Cosmic Rays,” *Astrophys. J.* **934** (2022) no.2, 164, [doi.org/10.3847/1538-4357/ac6def](https://doi.org/10.3847/1538-4357/ac6def).
- [10] P. Abreu *et al.* [Pierre Auger], “Testing effects of Lorentz invariance violation in the propagation of astroparticles with the Pierre Auger Observatory,” *JCAP* **01** (2022) no.01, 023, [doi.org/10.1088/1475-7516/2022/01/023](https://doi.org/10.1088/1475-7516/2022/01/023).
- [11] T. Pang *et al.* [Belle], “Search for the decay  $B_S^0 \rightarrow \eta' K_S^0$ ,” *Phys. Rev. D* **106** (2022) no.5, L051103, [doi.org/10.1103/PhysRevD.106.L051103](https://doi.org/10.1103/PhysRevD.106.L051103).

- [12] S. X. Li *et al.* [Belle], “First Measurement of the  $\Lambda_c^+ \rightarrow p\eta'$  decay,” JHEP **03** (2022), 090, doi.org/10.1007/JHEP03(2022)090.
- [13] S. Jia *et al.* [Belle], “Search for a light Higgs boson in single-photon decays of  $\Upsilon(1S)$  using  $\Upsilon(2S) \rightarrow \pi^+\pi^-\Upsilon(1S)$  tagging method,” Phys. Rev. Lett. **128** (2022) no.8, 081804, doi.org/10.1103/PhysRevLett.128.081804.
- [14] X. Y. Gao *et al.* [Belle], “Search for tetraquark states  $X_{cc\bar{s}\bar{s}}$  in  $D_s^+D_s^+$  ( $D_s^{*+}D_s^{*+}$ ) final states at Belle,” Phys. Rev. D **105** (2022) no.3, 032002, doi.org/10.1103/PhysRevD.105.032002.
- [15] Y. Li *et al.* [Belle], “Measurements of the branching fractions of  $\Xi_c^0 \rightarrow \Lambda K_S^0$ ,  $\Xi_c^0 \rightarrow \Sigma^0 K_S^0$ , and  $\Xi_c^0 \rightarrow \Sigma^+ K^-$  decays at Belle,” Phys. Rev. D **105** (2022) no.1, L011102, doi.org/10.1103/PhysRevD.105.L011102.
- [16] T. Czank *et al.* [Belle], “Search for  $Z' \rightarrow \mu^+\mu^-$  in the  $L_\mu - L_\tau$  gauge-symmetric model at Belle,” Phys. Rev. D **106** (2022) no.1, 012003, doi.org/10.1103/PhysRevD.106.012003.
- [17] X. L. Wang *et al.* [Belle], “Study of  $\gamma\gamma \rightarrow \gamma\psi(2S)$  at Belle,” Phys. Rev. D **105** (2022) no.11, 112011, doi.org/10.1103/PhysRevD.105.112011.
- [18] U. Gebauer *et al.* [Belle], “Measurement of the branching fractions of the  $B^+ \rightarrow \eta l^+ \nu_l$  and  $B^+ \rightarrow \eta' l^+ \nu_l$  decays with signal-side only reconstruction in the full  $q^2$  range,” Phys. Rev. D **106** (2022) no.3, 032013, doi.org/10.1103/PhysRevD.106.032013.