

# Selected Publications

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## Selected Articles

- [1] P. B. Denton, Y. Farzan, and I. M. Shoemaker, “A Plan to Rule out Large Non-Standard Neutrino Interactions After COHERENT Data,” [arXiv:1804.03660](#) [hep-ph].
- [2] K. Moller, A. M. Suliga, I. Tamborra, and P. B. Denton, “Measuring the supernova unknowns at the next-generation neutrino telescopes through the diffuse neutrino background,” [arXiv:1804.03157](#) [astro-ph.HE].
- [3] P. B. Denton and I. Tamborra, “The Bright and Choked Gamma-Ray Burst Contribution to the IceCube and ANTARES Low-Energy Excess,” *JCAP* **1804** no. 04, (2018) 058, [arXiv:1802.10098](#) [astro-ph.HE].
- [4] P. B. Denton, H. Minakata, and S. J. Parke, “Compact Perturbative Expressions for Neutrino Oscillations in Matter: II,” [arXiv:1801.06514](#) [hep-ph].
- [5] P. B. Denton and I. Tamborra, “Exploring the Properties of Choked Gamma-ray Bursts with IceCube’s High-energy Neutrinos,” *Astrophys. J.* **855** no. 1, (2018) 37, [arXiv:1711.00470](#) [astro-ph.HE].
- [6] P. B. Denton, D. Marfatia, and T. J. Weiler, “The Galactic Contribution to IceCube’s Astrophysical Neutrino Flux,” *JCAP* **1708** no. 08, (2017) 033, [arXiv:1703.09721](#) [astro-ph.HE].
- [7] P. Coloma, P. B. Denton, M. C. Gonzalez-Garcia, M. Maltoni, and T. Schwetz, “Curtailling the Dark Side in Non-Standard Neutrino Interactions,” *JHEP* **04** (2017) 116, [arXiv:1701.04828](#) [hep-ph].
- [8] P. B. Denton, H. Minakata, and S. J. Parke, “Compact Perturbative Expressions For Neutrino Oscillations in Matter,” *JHEP* **06** (2016) 051, [arXiv:1604.08167](#) [hep-ph].

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<sup>1</sup>For the full publication list see: [peterdenton.github.io](#)