

SCIENTIFIC JOURNAL PUBLICATIONS

- Sofia Arranz Regidor, Gavin Crowder, Howard Carmichael, and Stephen Hughes (2021). Modeling quantum light-matter interactions in waveguide QED with retardation, nonlinear interactions, and a time-delayed feedback: Matrix product states versus a space-discretized waveguide model, *Phys. Rev. Research* 3, 023030, (2021). [[doi link](#)] [25-page detailed Paper, with more than 25 figures and 100 formulas, collecting 24 citations as of Sep, 2022]
- Sofia Arranz Regidor and Stephen Hughes (2021). Cavity-like strong