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Unexpected chiral dynamics from lattice QCD calculations of nuclear systems

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I will review recent calculations of the properties and interactions of nuclei and hypernuclei from first principles using lattice QCD. Many interesting observables have now been computed at several (unphysical) values of the quark masses and the first rudimentary extrapolations to the physical point have been performed. The resulting picture of the quark mass dependence of nucleon and nuclear observables is somewhat surprising from the perspective of chiral dynamics.

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