List of Publications (Published/Submitted in Journals)

1. "Probing Gravitino Dark Matter with PAMELA and Fermi,"
with W. Buchmuller, A. Ibarra, T.Shindou and D.Tran,
JCAP **0909** (2009) 021, *arXiv:0906.1187v3*

2. "Simultaneous Solution to Dark Matter and Flavor Problems of Supersymmetry,"
with J.L.Feng and B.T.Smith,
Phys. Rev. Lett. **100** (2008) 021302, *arXiv:0709.0297v3*

3. "Extremely Long-Lived Charged Massive Particles as A Probe for Reheating of the Universe,"
Phys. Rev. **D77** (2008) 116003, *arXiv:0704.2785v5*

4. "Searching for CPT violation in top anti-top production,"
with J. A. R. Cembranos and A. Rajaraman,
EuroPhys. Lett. **82** (2008) 21001, *hep-ph/0609244*

5. "Big Bang Nucleosynthesis with Long Lived Charged Massive Particles,"
with K. Kohri,
Phys. Rev. **D76** (2007) 063507, *hep-ph/0605243*

6. "SuperWIMP Solutions to Small Scale Structure Problems,"
with J. A. R. Cembranos, J. L. Feng and A. Rajaraman,
Phys. Rev. Lett. **95** (2005) 181301, *hep-ph/0507150*

7. "Guaranteed Rates for Dark Matter Production at the Large Hadron Collider and International Linear Collider,"
with J. L. Feng and S. Su,
Phys. Rev. Lett. **96** (2005) 151802, *hep-ph/0503117*

8. "Probing Gravitational Interactions of Elementary Particles,"
with J. L. Feng and A. Rajaraman,
Gen.Rel.Grav **36** (2004) 2575-2579, *hep-th/0405248*,
The Second Prize in the 2004 Essay Competition of the Gravity Research Foundation

9. "Supergravity with a Gravitino LSP,"
with J. L. Feng and S. Su,
Phys. Rev. **D70** (2004) 075019, *hep-ph/0404231*

10. "SuperWIMP Gravitino Dark Matter from Slepton and Sneutrino Decays,"
with J. L. Feng and S. Su,
Phys. Rev. **D70** (2004) 063514, *hep-ph/0404198*

11. "Graviton Cosmology in Universal Extra Dimensions,"
with J. L. Feng and A. Rajaraman
Phys. Rev. **D68** (2003) 085018, *hep-ph/0307375*

12. “SuperWeakly Interacting Massive Particle Dark Matter Signals from the Early Universe,”
with J. L. Feng and A. Rajaraman,
Phys. Rev. **D68** (2003) 063504, *hep-ph/0306024*

13. “SuperWeakly Interacting Massive Particles,”
with J. L. Feng and A. Rajaraman,
Phys. Rev. Lett. **91** (2003) 011302, *hep-ph/0302215*

14. “Lightest-Neutralino Decays in R_p-violating Models with Dominant λ' and λ Couplings,”
with F. Borzumati, R. M. Godbole, and J. L. Kneur,
JHEP **0207** (2002) 073, *hep-ph/0108244*

15. “Gravitino Dark Matter without R-parity,”
with M. Yamaguchi,
Phys. Lett. **B485** (2000) 388, *hep-ph/0005214*

16. “Pattern of Neutrino Oscillations in Supersymmetry with Bilinear R-parity Violation,”
with M. Yamaguchi,
Phys. Lett. **B476** (2000) 116, *hep-ph/9910320*