

List of Publications

YUN JIANG

My profile on the [inSPIRE](#): 13 papers with a total of 475 citations, h-index: 8; these include 8 peer-reviewed journal articles with a total of 434 citations and 2 conference proceedings.

• Note: The authorship is ordered according to the first alphabet of author's surname by convention in hep-ph community.

A Peer-reviewed publications

journal articles

1. **“Light Higgs bosons in Two-Higgs-Doublet Models”**
J. Bernon, J. F. Gunion, Y. Jiang and S. Kraml.
arXiv:1412.3385 [hep-ph]
Phys. Rev. D **91**, no. 7, 075019 (2015), 11 pages
2. **“Extending two-Higgs-doublet models by a singlet scalar field - the Case for Dark Matter”**
A. Drozd, B. Grzadkowski, J. F. Gunion and Y. Jiang.
arXiv:1408.2106 [hep-ph]
JHEP **1411**, 105 (2014), 40 pages
3. **“Constraints on and future prospects for Two-Higgs-Doublet Models in light of the LHC Higgs signal”**
B. Dumont, J. F. Gunion, Y. Jiang and S. Kraml.
arXiv:1405.3584 [hep-ph]
Phys. Rev. D **90**, no. 3, 035021 (2014), 29 pages
4. **“Two-Higgs-Doublet Models and Enhanced Rates for a 125 GeV Higgs”**
A. Drozd, B. Grzadkowski, J. F. Gunion and Y. Jiang.
arXiv:1211.3580 [hep-ph]
JHEP **1305**, 072 (2013), 25 pages
5. **“Higgs Bosons at 98 and 125 GeV at LEP and the LHC”**
G. Belanger, U. Ellwanger, J. F. Gunion, Y. Jiang, S. Kraml and J. H. Schwarz.
arXiv:1210.1976 [hep-ph]
JHEP **1301**, 069 (2013), 21 pages
6. **“Diagnosing Degenerate Higgs Bosons at 125 GeV”**
J. F. Gunion, Y. Jiang and S. Kraml.
arXiv:1208.1817 [hep-ph]
Phys. Rev. Lett. **110**, no. 5, 051801 (2013), 5 pages

7. **“Could two NMSSM Higgs bosons be present near 125 GeV?”**
 J. F. Gunion, Y. Jiang and S. Kraml.
 arXiv:1207.1545 [hep-ph]
 Phys. Rev. D **86**, 071702 (2012), 6 pages
8. **“The Constrained NMSSM and Higgs near 125 GeV”**
 J. F. Gunion, Y. Jiang and S. Kraml.
 arXiv:1201.0982 [hep-ph]
 Phys. Lett. B **710**, 454-459 (2012)

refereed proceedings

1. **“2HDM and Enhanced Rates in $\gamma\gamma$ Channel”**
 A. Drozd, B. Grzadkowski, J. F. Gunion and Y. Jiang.
 Acta Phys. Polon. B **44**, no. 7, 1417-1428 (2013)
2. **“125 GeV Higgs bosons in two-Higgs-doublet models”**
 Y. Jiang.
 arXiv:1305.2988 [hep-ph]
 Proceedings, 48th Rencontres de Moriond on Electroweak Interactions and Unified Theories, p. 529-533

B Non-peer reviewed publications

preprint articles

1. **“Higgs Dark Matter from a Warped Extra-Dimension – the truncated-inert-doublet model”**
 A. Ahmed, B. Grzadkowski, J. F. Gunion and Y. Jiang.
 arXiv:1504.03706 [hep-ph]
 submitted to JHEP , 43 pages
2. **“Addendum to ”Constraints on and future prospects for Two-Higgs-Doublet Models in light of the LHC Higgs signal””**
 B. Dumont, J. F. Gunion, Y. Jiang and S. Kraml.
 arXiv:1409.4088 [hep-ph]
 10 pages
3. **“Two Higgs Bosons at the Tevatron and the LHC?”**
 G. Belanger, U. Ellwanger, J. F. Gunion, Y. Jiang and S. Kraml.
 arXiv:1208.4952 [hep-ph]
 12 pages