

Marcela Carena

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,857
citations

172457

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h-index

144013

57
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all docs

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docs citations

57
times ranked

4325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The tiny (g-2) muon wobble from small- $\frac{1}{4}$ supersymmetry. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 31 |
| 2 | Nucleation is more than critical: A case study of the electroweak phase transition in the NMSSM. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 22 |
| 3 | New approach to electroweak symmetry nonrestoration. Physical Review D, 2021, 104, . | 4.7 | 14 |
| 4 | Lattice renormalization of quantum simulations. Physical Review D, 2021, 104, . | 4.7 | 19 |
| 5 | Dark C violation and gauged lepton or baryon number for electroweak baryogenesis. Physical Review D, 2020, 101, . | 4.7 | 16 |
| 6 | Electroweak phase transition with spontaneous Z_2 -breaking. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 40 |
| 7 | Return of the WIMP: Missing energy signals and the Galactic Center excess. Physical Review D, 2019, 100, . | 4.7 | 13 |
| 8 | Electroweak Baryogenesis from Dark-Sector C Violation. Physical Review Letters, 2019, 122, 201802. | 7.8 | 27 |
| 9 | $\frac{1}{2}$ solution to the strong C problem. Physical Review D, 2019, 100, . | 4.7 | 6 |
| 10 | Supersymmetry and LHC missing energy signals. Physical Review D, 2018, 98, . | 4.7 | 20 |
| 11 | R_{D^*} in custodial warped space. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 13 |
| 12 | Probing the electroweak phase transition via enhanced di-Higgs boson production. Physical Review D, 2018, 97, . | 4.7 | 31 |
| 13 | Higgs Pair Production as a Signal of Enhanced Yukawa Couplings. Physical Review Letters, 2018, 121, 021801. | 7.8 | 8 |
| 14 | Higgs portals for thermal Dark Matter. EFT perspectives and the NMSSM. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 43 |
| 15 | Interference in the g On-Shell Rate and the theory of Higgs flavor violation and L appearance. Physical Review D, 2017, 96, . | 7.8 | 18 |
| 16 | Neutrinos in large extra dimensions and short-baseline $\frac{1}{2}$ appearance. Physical Review D, 2017, 96, . | 4.7 | 28 |
| 17 | Alignment limit of the NMSSM Higgs sector. Physical Review D, 2016, 93, . | 4.7 | 51 |
| 18 | L theory of Higgs flavor violation and L appearance. Physical Review D, 2017, 96, . | 4.7 | 66 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Creating the fermion mass hierarchies with multiple Higgs bosons. Physical Review D, 2016, 94, . | 4.7 | 22 |
| 20 | Challenges and opportunities for heavy scalar searches in the $t\bar{t}\gamma\gamma$ channel at the LHC. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 54 |
| 21 | Light dark matter, naturalness, and the radiative origin of the electroweak scale. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 52 |
| 22 | Flavor from the electroweak scale. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 38 |
| 23 | Complementarity between nonstandard Higgs boson searches and precision Higgs boson measurements in the MSSM. Physical Review D, 2015, 91, . | 4.7 | 62 |
| 24 | Higgs production and decay in models of a warped extra dimension with a bulk Higgs. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 25 |
| 25 | Exotic leptons: Higgs, flavor and collider phenomenology. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 32 |
| 26 | Impersonating the Standard Model Higgs boson: alignment without decoupling. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 182 |
| 27 | Minimal composite Higgs models at the LHC. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 50 |
| 28 | Light stops, light staus and the 125 GeV Higgs. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 37 |
| 29 | Indirect probes of the MSSM after the Higgs discovery. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 73 |
| 30 | Beyond the MSSM Higgs bosons at the 7 TeV LHC. Physical Review D, 2012, 85, . | 4.7 | 8 |
| 31 | Phenomenological MSSM interpretation of LHC results using renormalization group invariants. Physical Review D, 2012, 86, . | 4.7 | 10 |
| 32 | LHC discovery potential for non-standard Higgs bosons in the $3b$ channel. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 15 |
| 33 | Light stau phenomenology and the Higgs $\tau\tau$ rate. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 161 |
| 34 | Implications of a modified Higgs to diphoton decay width. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 206 |
| 35 | Higgs production in a warped extra dimension. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 32 |
| 36 | Bmeson mixing in effective theories of supersymmetric Higgs bosons. Physical Review D, 2012, 85, . | 4.7 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Study of R-parity violation at a $\sqrt{s}=4$ TeV collider. Physical Review D, 2000, 62, . | 4.7 | 5 |
| 56 | Effective Lagrangian for the interaction in the MSSM and charged Higgs phenomenology. Nuclear Physics B, 2000, 577, 88-120. | 2.5 | 441 |
| 57 | Manifestations of R-parity violation in ultrahigh-energy neutrino interactions. Physical Review D, 1998, 58, . | 4.7 | 29 |