

Meng-Lin Du

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5986456/publications.pdf>

Version: 2024-02-01

25
papers

660
citations

623734

14
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

314
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Production of the LHCb P_c States as Hadronic Molecules and Hints of a Narrow Exotic Q_c state. <i>Physical Review D</i> , 2021, 103, 1. https://arxiv.org/abs/2107.11734 | 7.8 | 97 |
| 2 | Coupled-channel approach to charmed meson spectroscopy including three-body effects. <i>Physical Review D</i> , 2022, 105, . | 4.7 | 75 |
| 4 | One-loop analysis of the interactions between charmed mesons and Goldstone bosons. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 4.7 | 45 |
| 5 | Revisiting the nature of the P_c pentaquarks. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 45 |
| 6 | Towards a new paradigm for heavy-light meson spectroscopy. <i>Physical Review D</i> , 2018, 98, . | 4.7 | 41 |
| 7 | Deciphering the mechanism of near-threshold J/ψ photoproduction. <i>European Physical Journal C</i> , 2020, 80, 1. | 3.9 | 39 |
| 8 | Study of open-charm $0^+ 0^+$ states in unitarized chiral effective theory with one-loop potentials. <i>European Physical Journal C</i> , 2017, 77, 1. | 3.9 | 36 |
| 9 | $D^* \rightarrow D \pi$ molecule interpretation of $Z_c(4025)$. <i>European Physical Journal C</i> , 2014, 74, 1. | 3.9 | 30 |
| 10 | Interactions between vector mesons and dynamically generated resonances. <i>European Physical Journal C</i> , 2018, 78, 1. | 3.9 | 28 |
| 11 | Aspects of the low-energy constants in the chiral Lagrangian for charmed mesons. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 26 |
| 12 | Insights into the nature of the P_c states. <i>Physical Review D</i> , 2021, 103, 1. | 4.7 | 22 |
| 13 | Where Is the Lightest Charmed Scalar Meson?. <i>Physical Review Letters</i> , 2021, 126, 192001. | 7.8 | 19 |
| 14 | Combined analysis of the Z_c states. <i>Physical Review D</i> , 2021, 103, 1. | 4.7 | 18 |
| 15 | QCD $\hat{1}$ -vacuum energy and axion properties. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 13 |
| 16 | Implications of chiral symmetry on S -wave pionic resonances and the scalar charmed mesons. <i>Physical Review D</i> , 2019, 99, . | 4.7 | 12 |
| 17 | Possible $J^PC = 0^+ \hat{1}^-$ exotic states. <i>Chinese Physics C</i> , 2013, 37, 033104. | 3.7 | 11 |
| 18 | Meson-baryon scattering up to the next-to-next-to-leading order in covariant baryon chiral perturbation theory. <i>Physical Review D</i> , 2019, 99, . | 4.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | One-loop renormalization of the chiral Lagrangian for spinless matter fields in the SU(N) fundamental representation. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 014001. | 3.6 | 10 |
| 20 | Prompt production of the hidden charm pentaquarks in the LHC. <i>European Physical Journal C</i> , 2021, 81, 1. | 3.9 | 10 |
| 21 | Subtraction of power counting breaking terms in chiral perturbation theory: spinless matter fields. <i>Journal of High Energy Physics</i> , 2016, 2016, 1. | 4.7 | 9 |
| 22 | P-wave coupled channel effects in electron-positron annihilation. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 8 |
| 23 | Molecular interpretation of the LHCb pentaquarks from an analysis of $J/\psi p$ spectrum. <i>EPJ Web of Conferences</i> , 2022, 258, 04007. | 0.3 | 1 |
| 24 | Implication of chiral symmetry on charm meson spectroscopy. <i>EPJ Web of Conferences</i> , 2019, 202, 06003. | 0.3 | 0 |
| 25 | Meson-Baryon Scattering in Extended-on-Mass-Shell Scheme Up to NNLO. <i>Springer Proceedings in Physics</i> , 2020, , 675-679. | 0.2 | 0 |