

Francesco G Celiberto

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

967
citations

279798

23
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454955

30
g-index

43
all docs

43
docs citations

43
times ranked

147
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Forward Physics Facility: Sites, experiments, and physics potential. <i>Physics Reports</i> , 2022, 968, 1-50. | 25.6 | 57 |
| 2 | On the physics potential to study the gluon content of proton and deuteron at NICA SPD. <i>Progress in Particle and Nuclear Physics</i> , 2021, 119, 103858. | 14.4 | 50 |
| 3 | Mueller's Navelet jets at LHC: BFKL versus high-energy DGLAP. <i>European Physical Journal C</i> , 2015, 75, 1. | 3.9 | 49 |
| 4 | Transverse-momentum-dependent gluon distribution functions in a spectator model. <i>European Physical Journal C</i> , 2020, 80, 1. | 3.9 | 42 |
| 5 | Prospects for quarkonium studies at the high-luminosity LHC. <i>Progress in Particle and Nuclear Physics</i> , 2022, 122, 103906. | 14.4 | 41 |
| 6 | Mueller's Navelet jets at 13 TeV LHC: dependence on dynamic constraints in the central rapidity region. <i>European Physical Journal C</i> , 2016, 76, 1. | 3.9 | 36 |
| 7 | Forward Drell-Yan production at the LHC in the BFKL formalism with collinear corrections. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 201-206. | 4.1 | 36 |
| 8 | Multi-Regge kinematics and azimuthal angle observables for inclusive four-jet production. <i>European Physical Journal C</i> , 2016, 76, 1. | 3.9 | 35 |
| 9 | Unintegrated gluon distribution from forward polarized ρ^0 -electroproduction. <i>European Physical Journal C</i> , 2018, 78, 1. | 3.9 | 34 |
| 10 | BFKL azimuthal imprints in inclusive three-jet production at 7 and 13 TeV. <i>Nuclear Physics B</i> , 2016, 910, 374-386. | 2.5 | 32 |
| 11 | High energy resummation in dihadron production at the LHC. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 30 |
| 12 | Stability of azimuthal-angle observables under higher order corrections in inclusive three-jet production. <i>Physical Review D</i> , 2017, 95, . | 4.7 | 30 |
| 13 | Inclusive four-jet production at 7 and 13 TeV: Azimuthal profile in multi-Regge kinematics. <i>European Physical Journal C</i> , 2017, 77, 1. | 3.9 | 30 |
| 14 | Dihadron production at the LHC: full next-to-leading BFKL calculation. <i>European Physical Journal C</i> , 2017, 77, 1. | 3.9 | 30 |
| 15 | High-energy resummed distributions for the inclusive Higgs-plus-jet production at the LHC. <i>European Physical Journal C</i> , 2021, 81, 1. | 3.9 | 29 |
| 16 | High-energy resummation in heavy-quark pair photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 141-150. | 4.1 | 27 |
| 17 | Hadron-jet correlations in high-energy hadronic collisions at the LHC. <i>European Physical Journal C</i> , 2018, 78, 1. | 3.9 | 27 |
| 18 | High-energy resummation in heavy-quark pair hadroproduction. <i>European Physical Journal C</i> , 2019, 79, 1. | 3.9 | 27 |

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|----|--|-----|-----------|
| 19 | Hunting BFKL in semi-hard reactions at the LHC. European Physical Journal C, 2021, 81, 1. | 3.9 | 27 |
| 20 | High-energy resummation in Λ_c baryon production. European Physical Journal C, 2021, 81, 1. | 3.9 | 26 |
| 21 | Inclusive dijet hadroproduction with a rapidity veto constraint. Nuclear Physics B, 2018, 935, 412-434. | 2.5 | 25 |
| 22 | Inclusive production of a heavy-light dijet system in hybrid high-energy and collinear factorization. Physical Review D, 2021, 103, . | 4.7 | 25 |
| 23 | Mueller-Navelet Jets at the LHC: Discriminating BFKL from DGLAP by Asymmetric Cuts. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 935. | 0.1 | 23 |
| 24 | Diffraction production of Λ_c hyperons in the high-energy limit of strong interactions. Physical Review D, 2020, 102, . | 4.7 | 22 |
| 25 | Leptoproduction of ρ Mesons as Discriminator for the Unintegrated Gluon Distribution in the Proton. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 891. | 0.1 | 21 |
| 26 | Inclusive Hadron-jet Production at the LHC. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 773. | 0.1 | 19 |
| 27 | Exclusive production of ρ -mesons in high-energy factorization at HERA and EIC. European Physical Journal C, 2021, 81, 1. | 3.9 | 18 |
| 28 | Probing the BFKL dynamics in inclusive three jet production at the LHC. EPJ Web of Conferences, 2017, 164, 07027. | 0.3 | 16 |
| 29 | Dihadron production at LHC: BFKL predictions for cross sections and azimuthal correlations. AIP Conference Proceedings, 2017, , . | 0.4 | 15 |
| 30 | Bottom-flavored inclusive emissions in the variable-flavor number scheme: A high-energy analysis. Physical Review D, 2021, 104, . | 4.7 | 15 |
| 31 | Inclusive three- and four-jet production in multi-Regge kinematics at the LHC. AIP Conference Proceedings, 2017, , . | 0.4 | 14 |
| 32 | High-energy emissions of light mesons plus heavy flavor at the LHC and the Forward Physics Facility. Physical Review D, 2022, 105, . | 4.7 | 12 |
| 33 | Ultraforward production of a charmed hadron plus a Higgs boson in unpolarized proton collisions. Physical Review D, 2022, 105, . | 4.7 | 8 |
| 34 | A spectator-model way to transverse-momentum-dependent gluon distribution functions. SciPost Physics Proceedings, 2022, , . | 0.4 | 7 |
| 35 | BFKL effects and central rapidity dependence in Mueller-Navelet jet production at 13 TeV LHC. , 2016, , . | | 5 |
| 36 | High-energy effects in forward inclusive dijet and hadron-jet production. , 2019, , . | | 5 |

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|----|--|-----|-----------|
| 37 | High-energy resummation in inclusive hadroproduction of Higgs plus jet. SciPost Physics Proceedings, 2022, , . | 0.4 | 5 |
| 38 | Exclusive emissions of rho-mesons and the unintegrated gluon distribution. SciPost Physics Proceedings, 2022, , . | 0.4 | 5 |
| 39 | Inclusive production of two rapidity-separated heavy quarks as a probe of BFKL dynamics. , 2019, , . | | 4 |
| 40 | Hybrid high-energy/collinear factorization in a heavy-light dijets system reaction. SciPost Physics Proceedings, 2022, , . | 0.4 | 4 |
| 41 | Inclusive four-jet production: a study of Multi-Regge kinematics and BFKL observables. , 2016, , . | | 3 |
| 42 | Saturation effects in low-x DIS structure functions and related hadronic total cross sections. EPJ Web of Conferences, 2016, 125, 04012. | 0.3 | 1 |
| 43 | Collective phenomena in pp and ep scattering. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |