

Vedecké publikácie / Scientific publications

Institute: SAVFYZIK - Fyzikálny ústav SAV
Year of publication 2016~2021

Big collaborations

Statistics publication category

ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	19
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	1
Count		20

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

- ADCA01 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. A facility for pion-induced nuclear reaction studies with HADES. In *European Physical Journal A*, 2017, vol. 53, no. 9, p. 188. (2016: 2.833 - IF, Q2 - JCR, 0.561 - SJR, Q3 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 1434-6001. Dostupné na: <https://doi.org/10.1140/epja/i2017-12365-7>
- ADCA02 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - BELOUNNAS, A. - FILIP, Peter - HLAVÁČ, Stanislav. Analysis of the exclusive final state $n p e(+)\bar{e}(-)$ in the quasi-free $n p$ reaction. In *European Physical Journal A*, 2017, vol. 53, no. 7, 149. (2016: 2.833 - IF, Q2 - JCR, 0.561 - SJR, Q3 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 1434-6001. Dostupné na: <https://doi.org/10.1140/epja/i2017-12341-3>
- ADCA03 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Centrality determination of Au plus Au collisions at 1.23A GeV with HADES. In *European Physical Journal A*, 2018, vol. 54, no. 5, p. 85. (2017: 2.799 - IF, Q2 - JCR, 1.116 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1434-6001. Dostupné na: <https://doi.org/10.1140/epja/i2018-12513-7>
- ADCA04 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Correlated pion-proton pair emission off hot and dense QCD matter. In *Physics Letters B : Nuclear, Elementary Particle and High-Energy Physics*, 2021, vol. 819, 136421. (2020: 4.771 - IF, Q1 - JCR, 2.093 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2021.136421>

- ADCA05 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Deep sub-threshold phi production in Au plus Au collisions. In *Physics Letters B*, 2018, vol. 778, p. 403-407. (2017: 4.254 - IF, Q1 - JCR, 2.336 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2018.01.048>
- ADCA06 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - BELOUNNAS, A. - FILIP, Peter - HLAVÁČ, Stanislav. Delta (1232) Dalitz decay in proton-proton collisions at T=1.25 GeV measured with HADES at GSI. In *Physical Review C*, 2017, vol. 95, no. 6, art. no. 065205. (2016: 3.820 - IF, Q1 - JCR, 1.936 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.95.065205>
- ADCA07 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in Au plus Au Collisions at root s(NN)=2.4 GeV. In *Physical Review Letters*, 2020, vol. 125, no. 26, 262301. (2019: 8.385 - IF, Q1 - JCR, 3.588 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 0031-9007. Dostupné na: <https://doi.org/10.1103/PhysRevLett.125.262301>
- ADCA08 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Charged-pion production in Au plus Au collisions at root s(NN)=2.4 GeV. In *European Physical Journal A*, 2020, vol. 56, no. 10, 259. (2019: 2.176 - IF, Q2 - JCR, 0.991 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1434-6001. Dostupné na: <https://doi.org/10.1140/epja/s10050-020-00237-2>
- ADCA09 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Identical pion intensity interferometry in central Au plus Au collisions at 1.23A GeV. In *Physics Letters B*, 2019, vol. 795, p.446-451. (2018: 4.162 - IF, Q2 - JCR, 1.806 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2019.06.047>
- ADCA10 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Identical pion intensity interferometry at root s(NN)=2.4 GeV. In *European Physical Journal A*, 2020, vol. 56, no. 5, 140. (2019: 2.176 - IF, Q2 - JCR, 0.991 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1434-6001. Dostupné na: <https://doi.org/10.1140/epja/s10050-020-00116-w>
- ADCA11 ADAMCZEWSKI-MUSCH, J. - AGAKISHIEV, G. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - HLAVÁČ, Stanislav. Inclusive Lambda production in proton-proton collisions at 3.5 GeV. In *Physical Review C*, 2017, vol. 95, no. 1, 015207. (2016: 3.820 - IF, Q1 - JCR, 1.936 - SJR, Q1 - SJR, Current

Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 2469-9985.
Dostupné na: <https://doi.org/10.1103/PhysRevC.95.015207>

- ADCA12 ABELEV, B.I. - AGGARWAL, M.M. - AHAMMED, Z. - ANDERSON, B.D. - ARKHIPKIN, D. - FILIP, Peter. J/psi production at high transverse momenta in p plus p and Cu plus Cu collisions at root s(NN)=200 GeV. In *Physical Review C*, 2016, vol. 80, no. 4, 041902. (2015: 3.146 - IF, Q2 - JCR, 1.993 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.80.041902>
- ADCA13 ADAMCZEWSKI-MUSCH, J. - AGAKISHIEV, G. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - HLAVÁČ, Stanislav. Lambda p interaction studied via femtoscopy in p plus Nb reactions at root s(NN)=3.18 GeV. In *Physical Review C. Nuclear Physics*, 2016, vol. 94, no. 2, 025201. (2015: 3.146 - IF, Q2 - JCR, 1.993 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.94.025201>
- ADCA14 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Probing dense baryon-rich matter with virtual photons. In *Nature Physics*, 2019, vol. 15, no. 10, p. 1040-1045. (2018: 20.113 - IF, Q1 - JCR, 9.515 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1745-2473. Dostupné na: <https://doi.org/10.1038/s41567-019-0583-8>
- ADCA15 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, Joachim - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Proton-number fluctuations ins root S-NN=2.4 GeV Au + Au collisions studied with the High-Acceptance DiElectron Spectrometer (HADES). In *Physical Review C*, 2020, vol. 102, no. 2, 024914. (2019: 2.988 - IF, Q2 - JCR, 1.270 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.102.024914>
- ADCA16 ADAMCZEWSKI-MUSCH, J. - AGAKISHIEV, G. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, E. - HLAVÁČ, Stanislav. Sigma(0) production in proton nucleus collisions near threshold. In *Physics Letters B*, 2018, vol. 781, no. 10, p. 735 - 740. (2017: 4.254 - IF, Q1 - JCR, 2.336 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2018.02.043>
- ADCA17 MEEHAN, K. - ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - FILIP, Peter. STAR Results from Au plus Au Fixed-Target Collisions at root(NN)-N-S=4.5 GeV. In *Nuclear Physics A*, 2017, vol. 967, p. 808-811. (2016: 1.916 - IF, Q2 - JCR, 0.998 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0375-9474. Dostupné na: <https://doi.org/10.1016/j.nuclphysa.2017.06.007>
- ADCA18 ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - BEHNKE, C. - BELOUNNAS, A. - BELYAEV, A. - FILIP, Peter - HLAVÁČ, Stanislav. Sub-threshold production of K-s(0) mesons and Lambda hyperons in Au plus Au

collisions at $\sqrt{s(NN)}=2.4$ GeV. In *Physics Letters B*, 2019, vol. 793, p. 457-463. (2018: 4.162 - IF, Q2 - JCR, 1.806 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2019.03.065>

ADCA19 YANG, C. - ADAMCZYK, L. - ADKINS, J.K. - AGAKISHIEV, G. - AGGARWAL, M.M. - FILIP, Peter. The STAR beam energy scan phase II physics and upgrades. In *Nuclear Physics A*, 2017, vol. 967, p. 800-803. (2016: 1.916 - IF, Q2 - JCR, 0.998 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0375-9474. Dostupné na: <https://doi.org/10.1016/j.nuclphysa.2017.05.042>

ADMB Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus

ADMB01 LORENZ, M. - ADAMCZEWSKI-MUSCH, J. - ARNOLD, O. - ATOMSSA, E.T. - BEHNKE, C. - HLAVÁČ, Stanislav. Strange hadron production at SIS energies: an update from HADES. In *Journal of Physics: Conference Series*. - Bristol : IOP, 2016, vol. 668, art. no. 012022. (2015: 0.252 - SJR, Q3 - SJR). (2016 - SCOPUS, WOS). ISSN 1742-6588. Dostupné na: <https://doi.org/10.1088/1742-6596/668/1/012022>