

Janos Sziklai Selected publications and achievements

- 2010 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
Enhanced production of direct photons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV and implications for the initial temperature,
Phys.Rev.Lett.104: 132301 (2010) [arXiv:0804.4168], 2010
Type: Article in periodical
Impact factor: 6.10
Number of independent citations: 61
- 2008 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
Suppression pattern of neutral pions at high transverse momentum in Au + Au collisions at $s(NN)^{1/2} = 200$ -GeV and constraints on medium transport coefficients,
Phys.Rev.Lett.101: 232301 (2008) [arXiv:0801.4020], 2008
Type: Article in periodical
Impact factor: 7.18
Number of independent citations: 76
- 2008 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
Dihadron azimuthal correlations in Au+Au collisions at $s(NN)^{1/2} = 200$ -GeV,
Phys.Rev.C78: 014901 (2008) [arXiv:0801.4545], 2008
Type: Article in periodical
Impact factor: 3.124
Number of independent citations: 115
- 2007 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Deák, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at $s(NN)^{1/2} = 200$ -GeV,
Phys.Rev.Lett.98: 172301 (2007) [nucl-ex/0611018], 2007
Type: Article in periodical
Impact factor: 6.944
Number of independent citations: 221
- 2007 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Deák, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
Scaling properties of azimuthal anisotropy in Au+Au and Cu+Cu collisions at $s(NN) = 200$ -GeV,
Phys.Rev.Lett.98: 162301 (2007) [nucl-ex/0608033], 2007
Type: Article in periodical
Impact factor: 6.944
Number of independent citations: 116
- 2007 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Deák, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi:**
J/psi Production vs Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at $s(NN)^{1/2} = 200$ -GeV,
Phys.Rev.Lett.98: 232301 (2007) [nucl-ex/0611020], 2007
Type: Article in periodical
Impact factor: 6.944
Number of independent citations: 158
- 2006 **A. Adare et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Deák, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi: 41.**
Measurement of high- $p(T)$ single electrons from heavy-flavor decays in p+p collisions at $s^{1/2} = 200$ -GeV,
Phys.Rev.Lett.97: 252002 (2006) [hep-ex/0609010], 2006
Type: Article in periodical
Impact factor: 6.944
Number of independent citations: 93
- 2005 **K. Adcox et al., PHENIX Collaboration incl. M. Csanád, T. Csörgő, F. Deák, Á. Kiss, A Ster, J. Sziklai, P. Tarján, R. Vértesi, V. Veszprémi, J. Zimányi: FORMATION OF DENSE PARTONIC MATTER IN RELATIVISTIC NUCLEUS-NUCLEUS COLLISIONS AT RHIC: EXPERIMENTAL EVALUATION BY THE PHENIX COLLABORATION,**
Nucl.Phys.A757:184-283,2005, 2005

Type: Article in periodical
Impact factor: 2.110
Number of independent citations: 993

- 2004 C. Alt et al., NA49 Collaboration incl. G. Palla and J. Sziklai: OBSERVATION OF AN EXOTIC $S = -2$, $Q = -2$ BARYON RESONANCE IN PROTON PROTON COLLISIONS AT THE CERN SPS,**

Phys.Rev.Lett.92:042003,2004, 2004

Type: Article in periodical
Impact factor: 7.320
Number of independent citations: 379

- 2003 C. Alt et al., NA49 Collaboration incl. G. Palla and J. Sziklai: DIRECTED AND ELLIPTIC FLOW OF CHARGED PIONS AND PROTONS IN PB + PB COLLISIONS AT 40-A-GEV AND 158-A-GEV.,**

Phys.Rev.C68:034903,2003., 2003

Type: Article in periodical
Impact factor: 2.710
Number of independent citations: 150

- 2002 S.V. Afanasiev et al., NA49 Collaboration incl. G. Palla and J. Sziklai: ENERGY DEPENDENCE OF PION AND KAON PRODUCTION IN CENTRAL PB + PB COLLISIONS,**

Phys.Rev.C66:054902,2002, 2002

Type: Article in periodical
Impact factor: 2.710
Number of independent citations: 223

- 1999 H. Appelshauer et al., NA49 Collaboration incl. G. Palla and J. Sziklai: BARYON STOPPING AND CHARGED PARTICLE DISTRIBUTIONS IN CENTRAL PB + PB COLLISIONS AT 158-GEV PER NUCLEON,**

Phys.Rev.Lett.82:2471-2475,1999, 1999

Type: Article in periodical
Impact factor: 6.090
Number of independent citations: 169