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### Education Information

Doctorate, University of Bristol, England 1993 - 1998

Postgraduate, Bursa Uludağ University, Turkey 1988 - 1991

Undergraduate, Bursa Uludağ University, Turkey 1983 - 1988

### Dissertations

Doctorate, Avalanche Photodiodes for Proportional Photon Detectors, University of Bristol, Science, Physics, 1998

### Research Areas

Natural Sciences

### Advising Theses

Tapan İ., Investigation of micro-pattern gas detectors, Postgraduate, T.Özdemir(Student), 2015

Tapan İ., Effects of ions-clusters on the signal formation in the micro pattern gas detectors, Doctorate, Y.Kalkan(Student), 2015

Tapan İ., BES III detector ToF (time of flight) system studies, Postgraduate, N.Güler(Student), 2014

Tapan İ., Flood laboratory control system design, Postgraduate, E.Eroğlu(Student), 2010

Tapan İ., Energy resolution in calorimeter, Doctorate, F.Koçak(Student), 2010

Tapan İ., Effect of radiation damage on high energy silicon detectors, Doctorate, E.Piliçer(Student), 2008

Tapan İ., Avalanche photodiode use in calorimeter, Postgraduate, F.Helvacı(Student), 2004

Tapan İ., Simulation of signal generation for gas detectors on high energy, Doctorate, N.Demir(Student), 2002

Tapan İ., The Use of PIN photodiodes in high energy physics, Postgraduate, E.Piliçer(Student), 2002

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. The Large Hadron-Electron Collider at the HL-LHC

Agostini P., Aksakal H., Alekhin S., Allport P. P., Andari N., Andre K. D. J., Angal-Kalinin D., Antusch S., Aperio Bella L., Apolinario L., et al.

JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, no.11, 2021 (SCI-Expanded)

- II. **HE-LHC: The High-Energy Large Hadron Collider Future Circular Collider Conceptual Design Report Volume 4**  
 Abada A., Abbrescia M., AbdusSalam S. S., Abdyukhanov I., Abelleira Fernandez J., Abramov A., Aburaia M., Acar A. O., Adzic P. R., Agrawal P., et al.  
 EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, no.5, pp.1109-1382, 2019 (SCI-Expanded)
- III. **FCC-hh: The Hadron Collider: Future Circular Collider Conceptual Design Report Volume 3**  
 Abada A., Abbrescia M., AbdusSalam S. S., Abdyukhanov I., Abelleira Fernandez J., Abramov A., Aburaia M., Acar A. O., Adzic P. R., Agrawal P., et al.  
 EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, no.4, pp.755-1107, 2019 (SCI-Expanded)
- IV. **Observation and study of the decay  $J/\psi \rightarrow \phi\eta\eta'$**   
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
 PHYSICAL REVIEW D, vol.99, no.11, 2019 (SCI-Expanded)
- V. **FCC-ee: The Lepton Collider: Future Circular Collider Conceptual Design Report Volume 2**  
 Abada A., Abbrescia M., AbdusSalam S. S., Abdyukhanov I., Fernandez J. A., Abramov A., Aburaia M., Acar A. O., Adzic P. R., Agrawal P., et al.  
 EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS, no.2, pp.261-623, 2019 (SCI-Expanded)
- VI. **Search for heavy Majorana neutrino in lepton number violating decays of  $D \rightarrow K\pi e e$**   
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
 PHYSICAL REVIEW D, no.11, 2019 (SCI-Expanded)
- VII. **FCC Physics Opportunities: Future Circular Collider Conceptual Design Report Volume 1**  
 Abada A., Abbrescia M., AbdusSalam S. S., Abdyukhanov I., Fernandez J. A., Abramov A., Aburaia M., Acar A. O., Adzic P. R., Agrawal P., et al.  
 EUROPEAN PHYSICAL JOURNAL C, no.6, 2019 (SCI-Expanded)
- VIII. **Observation of the  $W$ -annihilation decay  $D_s \rightarrow \omega\pi$  and evidence for  $D_s \rightarrow \omega K$**   
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Z., Bakina O., et al.  
 PHYSICAL REVIEW D, vol.99, no.9, 2019 (SCI-Expanded)
- IX. **Measurement of the phase between strong and electromagnetic amplitudes of  $J/\psi$  decays**  
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., Ferroli R. B., et al.  
 PHYSICS LETTERS B, vol.791, pp.375-384, 2019 (SCI-Expanded)
- X. **Precision measurements of the  $e e \rightarrow K_S^0 K \pi$  Born cross sections at center-of-mass energies between 3.8 and 4.6 GeV**  
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., et al.  
 PHYSICAL REVIEW D, vol.99, no.7, 2019 (SCI-Expanded)
- XI. **Search for baryon and lepton number violation in  $J/\psi \rightarrow \Lambda_c e$**   
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
 PHYSICAL REVIEW D, vol.99, no.7, 2019 (SCI-Expanded)
- XII. **Evidence of a Resonant Structure in the  $e e \rightarrow \pi D_0 D^* \bar{D}$  Cross Section between 4.05 and 4.60 GeV**  
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., Ferroli R. B., et al.  
 PHYSICAL REVIEW LETTERS, vol.122, no.10, 2019 (SCI-Expanded)
- XIII. **Determination of the Pseudoscalar Decay Constant  $f_{D_s}$  via  $D_s \rightarrow \mu \nu$**   
 Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., et al.  
 PHYSICAL REVIEW LETTERS, vol.122, no.7, 2019 (SCI-Expanded)
- XIV. **Measurements of the absolute branching fractions and  $CP$  asymmetries for  $D$**



PHYSICAL REVIEW LETTERS, vol.121, no.17, 2018 (SCI-Expanded)

- XXVII. **Amplitude analysis of the  $K_S^0 K_S^0$  system produced in radiative  $J/\psi$  decays**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., Ferroli R. B., et al.  
PHYSICAL REVIEW D, vol.98, no.7, 2018 (SCI-Expanded)
- XXVIII. **Observation of  $h(1380)$  in the  $J/\psi \rightarrow \eta' K$  ( $K$ )over-bar  $\pi$  decay**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
PHYSICAL REVIEW D, vol.98, no.7, 2018 (SCI-Expanded)
- XXIX. **Observation of  $\psi(3686) \rightarrow \eta' e^+ e^-$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICS LETTERS B, vol.783, pp.452-458, 2018 (SCI-Expanded)
- XXX. **Measurements of absolute branching fractions for  $\Lambda_c^+ \rightarrow \Xi^0 K^+ + c.c.$  and  $\Xi(1530)^0 \rightarrow K^+ K^- + c.c.$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICS LETTERS B, vol.783, pp.200-206, 2018 (SCI-Expanded)
- XXXI. **Measurement of the Absolute Branching Fraction of the Inclusive Decay  $\Lambda_c^+ \rightarrow \Lambda$  plus X**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW LETTERS, vol.121, no.6, 2018 (SCI-Expanded)
- XXXII. **First measurement of  $e^+ e^- \rightarrow p K_S^0$  ( $n$ )over-bar  $K^-$  + c.c. above open charm threshold**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.98, no.3, 2018 (SCI-Expanded)
- XXXIII. **Observation of  $\psi(3686) \rightarrow n(\bar{n})$ over-bar and improved measurement of  $\psi(3686) \rightarrow p(\bar{p})$ over-bar**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., et al.  
PHYSICAL REVIEW D, vol.98, no.3, 2018 (SCI-Expanded)
- XXXIV. **Observation of  $a_0(980)-f_0(980)$  Mixing**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW LETTERS, vol.121, no.2, 2018 (SCI-Expanded)
- XXXV. **Measurement of  $e^+ e^- \rightarrow D(\bar{D})$ over-bar cross sections at the  $\psi(3770)$  resonance**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., et al.  
CHINESE PHYSICS C, vol.42, no.8, 2018 (SCI-Expanded)
- XXXVI. **Precision Study of  $\eta' \rightarrow \gamma \pi^+ \pi^-$  Decay Dynamics**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW LETTERS, vol.120, no.24, 2018 (SCI-Expanded)
- XXXVII. **Measurement of singly Cabibbo-suppressed decays  $D^0 \rightarrow \pi^0 \pi^0 \pi^0$ ,  $\pi^0 \pi^0 \eta$ ,  $\pi^0 \eta \eta$  and  $\eta \eta \eta$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
PHYSICS LETTERS B, vol.781, pp.368-375, 2018 (SCI-Expanded)
- XXXVIII. **Study of the decays  $D^+ \rightarrow \eta(\eta') e^+ v_e$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., Ferroli R. B., et al.  
PHYSICAL REVIEW D, vol.97, no.9, 2018 (SCI-Expanded)

- XXXIX. **Measurement of the integrated Luminosities of cross-section scan data samples around the  $\psi(3770)$  mass region**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai Y., Bakina O., et al.  
CHINESE PHYSICS C, vol.42, no.6, 2018 (SCI-Expanded)
- XL. **Search for the rare decay of  $\Psi(3686) \rightarrow \Lambda + p e^+ e^- + c.c.$  at BESIII**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.97, no.9, 2018 (SCI-Expanded)
- XLI. **Measurements of absolute branching fractions for  $D$  mesons decays into two pseudoscalar mesons**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
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- XLII. **Study of two-photon decays of pseudoscalar mesons via  $J/\Psi$  radiative decays**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
PHYSICAL REVIEW D, vol.97, no.7, 2018 (SCI-Expanded)
- XLIII. **Search for the rare decays  $D \rightarrow h(\bar{h}) e^+ e^- + e^+ e^-$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.97, no.7, 2018 (SCI-Expanded)
- XLIV. **Measurement of  $e^+ e^- \rightarrow K(\bar{K}) \overline{J/\psi}$  cross sections at center-of-mass energies from 4.189 to 4.600 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.  
PHYSICAL REVIEW D, vol.97, no.7, 2018 (SCI-Expanded)
- XLV. **Precision Measurement of the  $e^+ e^- \rightarrow \Lambda_c(\bar{\Lambda}_c)$  Cross Section Near Threshold**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW LETTERS, vol.120, no.13, 2018 (SCI-Expanded)
- XLVI. **Improved measurements of  $X_{cJ} \rightarrow \Sigma(\bar{\Sigma})$  and  $\Sigma_0(\bar{\Sigma}_0)$  decays**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)
- XLVII. **Measurement of the absolute branching fraction of  $D^* \rightarrow \pi^0 D_s(2317)$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)
- XLVIII. **Search for  $h_c \rightarrow \pi^+ \pi^- J/\psi$  via  $\psi(3686) \rightarrow \pi^0 \pi^+ \pi^- J/\psi$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)
- XLIX. **Measurement of  $e^+ e^- \rightarrow \pi^0 \pi^0 \psi(3686)$  at  $\sqrt{s}$  from 4.009 to 4.600 GeV and observation of a neutral charmoniumlike structure**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.  
PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)
- L. **Study of  $\eta(1475)$  and  $X(1835)$  in radiative  $J/\psi$  decays to  $\gamma\phi$**   
Ablikim M., Achasov M. N., Ahmed S., Albayrak O., Albrecht M., Alekseev M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)
- LI. **Measurements of the branching fractions of the singly Cabibbo-suppressed decays  $D^0 \rightarrow \omega\eta, \eta(\eta')\pi^0$  and  $\eta(\eta')$**

Ablikim M., Achasov M. N., Ahmed S., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.

PHYSICAL REVIEW D, vol.97, no.5, 2018 (SCI-Expanded)

- LII. **Observation of  $e^+e^- \rightarrow \varphi\chi_{c1}$  and  $\varphi\chi_{c2}$  at  $\sqrt{s}=4.600$  GeV**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.

PHYSICAL REVIEW D, vol.97, no.3, 2018 (SCI-Expanded)

- LIII. **Observation of a cross-section enhancement near mass threshold in  $e^+e^- \rightarrow \Lambda(\Lambda)$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, vol.97, no.3, 2018 (SCI-Expanded)

- LIV. **Determination of the number of  $\psi(3686)$  events at BESIII**

Ablikim M., Achasov M. N., Ai X. C., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., Ferroli R. B., Ban Y., et al.

CHINESE PHYSICS C, vol.42, no.2, 2018 (SCI-Expanded)

- LV. **Measurement of the matrix elements for the decays  $\eta' \rightarrow \eta\pi^+\pi^-$  and  $\eta' \rightarrow \eta\pi^0\pi^0$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.

PHYSICAL REVIEW D, vol.97, no.1, 2018 (SCI-Expanded)

- LVI. **Measurements of the branching fractions for the semileptonic decays  $D^* \rightarrow e^+e^- \nu_e \bar{\nu}_e$ ,  $D^* \rightarrow e^+e^- \nu_e \mu^-$  and  $D^* \rightarrow e^+e^- \nu_e \mu^+$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.

PHYSICAL REVIEW D, vol.97, no.1, 2018 (SCI-Expanded)

- LVII. **Study of  $J/\psi$  and  $\psi(3686)$  decays to  $\pi^+\pi^-\eta'$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LVIII. **Search for  $\psi(3686) \rightarrow \gamma\eta_c(\eta(1405)) \rightarrow \gamma\pi^+\pi^-\pi^0$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LIX. **Observation of  $\chi_{c2} \rightarrow \eta'\eta'$  and  $\chi_{c0,2} \rightarrow \eta\eta'$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LX. **Observation of the helicity-selection-rule suppressed decay of the  $\chi_{c2}$  charmonium state**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LXI. **Search for the rare decays  $J/\psi \rightarrow D^*e^+e^-$  and  $\psi(3686) \rightarrow D^*e^+e^-$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LXII. **Branching fraction measurement of  $J/\psi \rightarrow K^*K^*_{L}$  and search for  $J/\psi \rightarrow K^*KS$**

Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.

PHYSICAL REVIEW D, vol.96, no.11, 2017 (SCI-Expanded)

- LXIII. **Improved measurements of two-photon widths of the  $\chi_{c2}$  states and helicity analysis for  $\chi_{c2} \rightarrow \gamma\gamma$**

- Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
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- LXIV. **Search for the rare decay  $D \rightarrow D^0 e \nu_e$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.96, no.9, 2017 (SCI-Expanded)
- LXV. **Dark photon search in the mass range between 1.5 and 3.4 GeV/c**  
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICS LETTERS B, vol.774, pp.252-257, 2017 (SCI-Expanded)
- LXVI. **Measurement of cross sections of the interactions  $e^+e^- \rightarrow \varphi\varphi$  and  $e^+e^- \rightarrow \varphi\varphi$  at center-of-mass energies from 4.008 to 4.600 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICS LETTERS B, vol.774, pp.78-86, 2017 (SCI-Expanded)
- LXVII. **Measurement of integrated luminosity and center-of-mass energy of data taken by BESIII at  $\sqrt{s}=2.125$  GeV**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
CHINESE PHYSICS C, vol.41, no.11, 2017 (SCI-Expanded)
- LXVIII. **Observation of the decay  $\Lambda_c \rightarrow \Sigma^- \pi^+ \pi^0$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.  
PHYSICS LETTERS B, vol.772, pp.388-393, 2017 (SCI-Expanded)
- LXIX. **Measurement of branching fractions for  $\psi(3686) \rightarrow \gamma\eta'$ ,  $\gamma\eta$ , and  $\gamma\pi^0$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.96, no.5, 2017 (SCI-Expanded)
- LXX. **Evidence for  $e^+e^- \rightarrow \gamma\eta_c$  ( $1S$ ) at center-of-mass energies between 4.01 and 4.60 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Alekseev M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., et al.  
PHYSICAL REVIEW D, vol.96, no.5, 2017 (SCI-Expanded)
- LXXI. **Determination of the Spin and Parity of the  $Z_c(3900)$**   
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW LETTERS, vol.119, no.7, 2017 (SCI-Expanded)
- LXXII. **Branching fraction measurements of  $\psi(3686) \rightarrow \gamma\chi_{cJ}$**   
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bakina O., Ferroli R. B., et al.  
PHYSICAL REVIEW D, vol.96, no.3, 2017 (SCI-Expanded)
- LXXIII. **Measurements of cross section of  $e^+e^- \rightarrow p(\bar{p})\pi^0$  at center-of-mass energies between 4.008 and 4.600 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICS LETTERS B, vol.771, pp.45-51, 2017 (SCI-Expanded)
- LXXIV. **Measurement of  $e^+e^- \rightarrow \pi^+\pi^-\psi(3686)$  from 4.008 to 4.600 GeV and observation of a charged structure in the  $\pi^+\pi^-\psi(3686)$  mass spectrum**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.96, no.3, 2017 (SCI-Expanded)
- LXXV. **Study of  $J/\psi$  and  $\psi(3686) \rightarrow \Sigma(1385)^0(\Sigma^-\bar{\Sigma}^0)$  and  $\Xi^0(\Xi^-\bar{\Xi}^0)$**

- Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICS LETTERS B, vol.770, pp.217-225, 2017 (SCI-Expanded)
- LXXVI. **Observation of  $e^+e^- \rightarrow \eta hc$  at center-of-mass energies from 4.085 to 4.600 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.96, no.1, 2017 (SCI-Expanded)
- LXXVII. **Observation of the doubly radiative decay  $\eta' \rightarrow \gamma\pi^0$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.96, no.1, 2017 (SCI-Expanded)
- LXXVIII. **Analysis of  $D^+ \rightarrow (K^0)^{\text{over-bar}} e^+ \nu_e$  and  $D^+ \rightarrow \pi^0 e^+ \nu_e$  semileptonic decays**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., et al.  
PHYSICAL REVIEW D, vol.96, no.1, 2017 (SCI-Expanded)
- LXXIX. **Luminosity measurements for the  $R$  scan experiment at BESIII**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
CHINESE PHYSICS C, vol.41, no.6, 2017 (SCI-Expanded)
- LXXX. **Evidence for the singly Cabibbo suppressed decay  $\Lambda_c^+ \rightarrow p\eta$  and search for  $\Lambda_c^+ \rightarrow p\pi^0$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.95, no.11, 2017 (SCI-Expanded)
- LXXXI. **Observation of  $\psi(3686) \rightarrow e^+e^- \chi_{cJ}$  and  $\psi(3686) \rightarrow J/\psi \chi_{cJ}$**   
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW LETTERS, vol.118, no.22, 2017 (SCI-Expanded)
- LXXXII. **Improved measurements of branching fractions for  $\eta_c \rightarrow \phi\phi$  and  $\omega\phi$**   
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW D, vol.95, no.9, 2017 (SCI-Expanded)
- LXXXIII. **Measurement of the absolute branching fraction for  $\Lambda_c^+ \rightarrow \Lambda\mu^+\nu_\mu$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICS LETTERS B, vol.767, pp.42-47, 2017 (SCI-Expanded)
- LXXXIV. **Search for the radiative leptonic decay  $D^+ \rightarrow \gamma e^+\nu_e$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.95, no.7, 2017 (SCI-Expanded)
- LXXXV. **Measurement of higher-order multipole amplitudes in  $\psi(3686) \rightarrow \gamma\chi_{c1,2}$  with  $\chi_{c1,2} \rightarrow \gamma J/\psi$  and search for the transition  $\eta_c(2S) \rightarrow \gamma J/\psi$**   
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW D, vol.95, no.7, 2017 (SCI-Expanded)



- LXXXVI. **Amplitude analysis of  $D^0 \rightarrow K^- \pi^+ \pi^+$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.95, no.7, 2017 (SCI-Expanded)
- LXXXVII. **Observation of  $\Lambda_c \rightarrow n K^+ \pi^0$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW LETTERS, vol.118, no.11, 2017 (SCI-Expanded)
- LXXXVIII. **Precise Measurement of the  $e^+e^- \rightarrow \pi^+ \pi^- J/\psi$  Cross Section at Center-of-Mass Energies from 3.77 to 4.60 GeV**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW LETTERS, vol.118, no.9, 2017 (SCI-Expanded)
- LXXXIX. **Evidence of Two Resonant Structures in  $e^+e^- \rightarrow \pi^+ \pi^- h_c$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW LETTERS, vol.118, no.9, 2017 (SCI-Expanded)
- XC. **Simulation of LYSO Crystal for the TAC-PF Electromagnetic Calorimeter**  
Kocak F., Tapan İ.  
ACTA PHYSICA POLONICA A, no.3, pp.527-529, 2017 (SCI-Expanded)
- XCI. **Study of  $J/\psi$  and  $\psi(3686)$  decay to  $\Lambda(\bar{\Lambda})$  and  $\Sigma^0(\bar{\Sigma})$  final states**  
Ablikim M., Achasov M. N., Ahmed S., Albrecht M., Amoroso A., An F. F., An Q., Bai J. Z., Bai Y., Bakina O., et al.  
PHYSICAL REVIEW D, vol.95, no.5, 2017 (SCI-Expanded)
- XCII. **Amplitude analysis of the  $\chi_{c1} \rightarrow \eta \pi^+ \pi^-$  decays**  
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICAL REVIEW D, vol.95, no.3, 2017 (SCI-Expanded)
- XCIII. **Measurements of the branching fractions for  $D^+ \rightarrow K^+ K^+ S^0$ ,  $D^+ \rightarrow K^+ K^+ S^0 \pi^+$ ,  $D^+ \rightarrow K^+ K^+ S^0 \pi^+$  and  $D^0 \rightarrow K^+ K^+ S^0$ ,  $D^0 \rightarrow K^+ K^+ S^0 \pi^+$ ,  $D^0 \rightarrow K^+ K^+ S^0 \pi^+$**   
Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.  
PHYSICS LETTERS B, vol.765, pp.231-237, 2017 (SCI-Expanded)
- XCIV. **Amplitude Analysis of the Decays  $\eta' \rightarrow \pi^+ \pi^- \pi^0$  and  $\eta' \rightarrow \pi^0 \pi^0 \pi^0$**   
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW LETTERS, vol.118, no.1, 2017 (SCI-Expanded)
- XCV. **Radiation Effects on TAC-PF Electromagnetic Calorimeter**  
Pilicer E., Kocak F., Kilic A., Pilicer F. B., Tapan İ.  
ACTA PHYSICA POLONICA A, no.1, pp.190-192, 2017 (SCI-Expanded)
- XCVI. **Determination of the number of  $J/\psi$  events with inclusive  $J/\psi$  decays**  
Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
CHINESE PHYSICS C, vol.41, no.1, 2017 (SCI-Expanded)
- XCVII. **Measurements of the absolute branching fractions for  $D^+ \rightarrow K^+ K^+ S^0$**

$\eta \langle e \rangle^{+} v \langle e \rangle_{-}$  and  $\langle D \rangle_{s} \langle s \rangle^{+} \rightarrow \eta' \langle e \rangle^{+} v \langle e \rangle_{-}$

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, vol.94, no.11, 2016 (SCI-Expanded)

XCVIII. **Measurement of Singly Cabibbo Suppressed Decays  $\Lambda_{c} \rightarrow p \pi^{-}$  and  $\Lambda_{c} \rightarrow p K^{-}$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW LETTERS, vol.117, no.23, 2016 (SCI-Expanded)

XCIX. **Measurement of the absolute branching fraction of  $D \rightarrow (K)_{\text{over-bar}} e v$  via  $(K)_{\text{over-bar}} \pi_{0}$**

Ablikim M., Achasov N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
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C. **Observation of  $J/\psi \rightarrow \gamma \eta \pi_{0}$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, vol.94, no.7, 2016 (SCI-Expanded)

CI. **Measurement of the  $D_{s} \rightarrow l \nu$  branching fractions and the decay constant  $f_{D_{s}}$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW D, vol.94, no.7, 2016 (SCI-Expanded)

CII. **Tracking parameter simulation for the Turkish accelerator center particle factory tracker system**

Tapan İ., Pilicer E., Pilicer F. B.

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, pp.389-393, 2016 (SCI-Expanded)

CIII. **Observation of  $e^{+} e^{-} \rightarrow \eta' J/\psi$  center-of-mass energies between 4.189 and 4.600 GeV**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW D, vol.94, no.3, 2016 (SCI-Expanded)

CIV. **Study of  $D \rightarrow K \pi e$**

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CV. **Observation of an Anomalous Line Shape of the  $\eta' \pi \pi^{-}$  Mass Spectrum near the  $p(p)_{\text{over-bar}}$  Mass Threshold in  $J/\psi \rightarrow \gamma \eta' \pi^{+} \pi^{-}$**

Ablikim M., Achasov M. N., Ahmed S., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., et al.

PHYSICAL REVIEW LETTERS, vol.117, no.4, 2016 (SCI-Expanded)

CVI. **Observation of  $h_{c}$  Radiative Decay  $h_{c} \rightarrow \gamma \eta'$  and Evidence for  $h_{c} \rightarrow \gamma \eta$**

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PHYSICAL REVIEW LETTERS, vol.116, no.25, 2016 (SCI-Expanded)

CVII. **Observation of pseudoscalar and tensor resonances in  $J/\psi \rightarrow \gamma \phi \phi$**

Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al.  
PHYSICAL REVIEW D, vol.93, no.11, 2016 (SCI-Expanded)

CVIII. **Measurements of the center-of-mass energies at BESIII via the di-muon process**

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Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al. PHYSICAL REVIEW D, vol.93, no.7, 2016 (SCI-Expanded)
- CXI. **Investigation of Shot Noise in Avalanche Photodiodes**  
Kocak F., Kilic A., Tapan İ.  
ACTA PHYSICA POLONICA A, no.4, pp.721-723, 2016 (SCI-Expanded)
- CXII. **Study of  $J/\Psi \rightarrow p(p) \text{over-bar} \varphi$  at BESIII**  
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- CXIII. **Search for a light  $\langle i \rangle CP \langle /i \rangle$ -odd Higgs boson in radiative decays of  $\langle i \rangle J \langle /i \rangle / \psi$**   
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Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al. PHYSICS LETTERS B, vol.753, pp.629-638, 2016 (SCI-Expanded)
- CXVII. **Measurements of Absolute Hadronic Branching Fractions of the  $\Lambda \langle i \rangle \langle \text{sub} \rangle c \langle /\text{sub} \rangle \langle /i \rangle \langle \text{SUP} \rangle + \langle /\text{SUP} \rangle$  Baryon**  
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- CXVIII. **Measurement of Azimuthal Asymmetries in Inclusive Charged Dipion Production in  $e \langle \text{SUP} \rangle + \langle /\text{SUP} \rangle e \langle \text{SUP} \rangle - \langle /\text{SUP} \rangle$  Annihilations at  $\sqrt{s}=3.65$  GeV**  
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## decay

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- CXXVI. **Confirmation of a charged charmoniumlike state  $Z_c(3885)^+$  in  $e^+ e^- \rightarrow \pi^\pm (D^0 \bar{D}^0)^*$  with double  $D$  tag**  
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Ablikim M., Achasov M. N., Ai X. C., Albayrak O., Albrecht M., Ambrose D. J., Amoroso A., An F. F., An Q., Bai J. Z., et al. PHYSICAL REVIEW LETTERS, vol.115, no.18, 2015 (SCI-Expanded)
- CXXVIII. **Study of dynamics of  $D^0 \rightarrow K^- e^+ \nu_e$  and  $D^0 \rightarrow \pi^- e^+ \nu_e$  decays**  
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PHYSICAL REVIEW D, vol.92, no.3, 2015 (SCI-Expanded)

- CXXXIV. **Measurement of the matrix elements for the decays  $\eta \rightarrow \pi^0 \pi^0$  and  $\eta/\eta' \rightarrow \pi^0 \pi^0 \pi^0$**   
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- CXXXV. **Observation of the isospin-violating decay  $J/\psi \rightarrow \phi \pi^0 f_0(980)$**   
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- CXXXVI. **Observation of the  $\Psi(3100)$  State in  $e^+e^- \rightarrow \pi^+\pi^-\chi_{c1}$  at BESIII**  
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- CXXXIX. **Search for  $D^0 \rightarrow \gamma\gamma$  and improved measurement of the branching fraction for  $D^0 \rightarrow \pi^0 \pi^0$**   
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Tapan İ., Pilicer F. B.

- CLX. **Observation of  $J/\psi \rightarrow p(\bar{p})a_0(980)$  at BESIII**  
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PHYSICAL REVIEW D, vol.87, no.11, 2013 (SCI-Expanded)

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