

Prof. ALTUĐ ÖZPİNECİ

Personal Information

Office Phone: [+90 312 210 5051](tel:+903122105051)

Fax Phone: [+90 312 210 3299](tel:+903122103299)

Email: ozpineci@metu.edu.tr

Web: <http://www.metu.edu.tr/~ozpineci>

International Researcher IDs

ScholarID: zxTS6qsAAAAJ

ORCID: 0000-0003-0791-7658

Publons / Web Of Science ResearcherID: N-8705-2014

ScopusID: 6604021545

Yoksis Researcher ID: 55366

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (Dr), Turkey 1999 - 2001

Postgraduate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Fizik (Yl) (Tezli), Turkey 1998 - 1999

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 1994 - 1997

Undergraduate Double Major, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 1994 - 1997

Foreign Languages

Spanish, A2 Elementary

Italian, B2 Upper Intermediate

English, C1 Advanced

Research Areas

Physics, Basic Particles and Areas, Special reactions and phenomonology, Natural Sciences

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2010 - Continues

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2008 - 2010

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2005 - 2008

Research Assistant, Infn, Bari, İtalya, 2004 - 2005

Research Assistant, Ictp, Yüksek Enerji Fiziği, 2001 - 2004

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 1999 - 2001

Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Science, Department Of Physics, 1998 - 1999

Academic and Administrative Experience

Dean, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2021 - Continues

Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2017 - 2021

Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2016 - 2017

Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2011 - 2015

Advising Theses

ÖZPİNECİ A., Radiative transitions of non-strange doubly heavy octet baryons to decuplet baryons, Postgraduate, E.AŞKAN(Student), 2022

ÖZPİNECİ A., Mass splittings of heavy quark spin symmetry partners of $X(3872)$ in QCD sum rules, Postgraduate, H.ÇETİN(Student), 2021

ÖZPİNECİ A., High resolution X-ray spectroscopy of four non-magnetic cataclysmic variables using XMM-Newton and Chandra observatory data, Doctorate, Ç.Gamsızkan(Student), 2019

Gümüş H., Özpineci A., $X(3872)$ Mezonunun Pertürbatif Olmayan Yöntemlerle İncelenmesi, Doctorate, H.MUTUK(Student), 2018

ÖZPİNECİ A., Mezon moleküllerine kuarkonyum katkısı, Doctorate, E.CİNCİOĞLU(Student), 2016

ÖZPİNECİ A., Leading twist light cone distribution amplitudes of p-wave heavy quarkonia and their couplings to pseudoscalar and vector mesons, Doctorate, M.ALİ(Student), 2016

ÖZPİNECİ A., Heavy mesons in heavy quark effective theory, Postgraduate, A.ELPE(Student), 2016

ÖZPİNECİ A., Meson spectrum in non-relativistic quark models, Postgraduate, F.DİDEM(Student), 2014

ÖZPİNECİ A., Study of heavy quarkonia spectra in the quark model, Postgraduate, T.Takan(Student), 2012

ÖZPİNECİ A., $D^* D \Pi$ coupling constant in 2+1 flavor lattice QCD, Postgraduate, K.UTKU(Student), 2012

ÖZPİNECİ A., Study of heavy quarkonia spectroscopy in the quark model, Postgraduate, T.TAKAN(Student), 2012

ÖZPİNECİ A., Rapidly rotating ultracold atoms in harmonic traps, Doctorate, N.GHAZANFARİ(Student), 2011

ÖZPİNECİ A., Properties of light and heavy baryons in light cone QCD sum rules formalism, Doctorate, K.AZİZİ(Student), 2009

ÖZPİNECİ A., Eta-Eta prime mixing in chiral perturbation theory, Postgraduate, A.KOKULU(Student), 2008

ÖZPİNECİ A., Strong decays of the $DSJ(2317)$ mesons using QCD sum rules, Postgraduate, U.AYDEMİR(Student), 2007

ÖZPİNECİ A., Stud of $DsJ(2317)$ and $DsJ(2460)$ meson properties within the quark model and QCD sum rules, Postgraduate, A.Tandoğan(Student), 2007

ÖZPİNECİ A., Study of $DSJ(2317)$ and $DSJ(2460)$ meson properties within the quark model and QCD sum rules, Postgraduate, A.TANDOĞAN(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reanalysis of rare radiative $E_b^- \rightarrow E-\gamma$ decay in QCD**
ALIYEV T., ÖZPİNECİ A., Sarac Y.
Physical Review D, vol.109, no.5, 2024 (SCI-Expanded)
- II. **Radiative decays of the spin- 3/2 to spin- 1/2 doubly heavy baryons in QCD**
Alyev T., Aşkan E., Özpineci A.
Physical Review D, vol.108, no.5, 2023 (SCI-Expanded)
- III. **Semileptonic Bc decays to P-wave charmonia in the light-cone QCDSR**
AKAN T., Cincioglu E., ÖZPİNECİ A., TEĞMEN A.
Nuclear Physics A, vol.1034, 2023 (SCI-Expanded)
- IV. **The effects of charmonium on the properties of the 1^{++} hidden charm poles in effective field theory**
Cincioglu E., ÖZPİNECİ A., Yildirim Yilmaz D.
Nuclear Physics A, vol.1014, 2021 (SCI-Expanded)

- V. **On the calculation of covariant expressions for Dirac bilinears**
Olpak M. A., Ozpineci A.
EUROPEAN PHYSICAL JOURNAL C, vol.81, no.9, 2021 (SCI-Expanded)
- VI. **B \rightarrow T transition form factors in light-cone sum rules**
Aliev T., Dag H., Kokulu A., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.100, no.9, 2019 (SCI-Expanded)
- VII. **Radiative decay of the X(3872) as a mixed molecule-charmonium state in effective field theory**
Cincioglu E., ÖZPİNECİ A.
PHYSICS LETTERS B, vol.797, 2019 (SCI-Expanded)
- VIII. **X(3872) and its heavy quark spin symmetry partners in QCD sum rules**
Mutuk H., Sarac Y., Gumus H., ÖZPİNECİ A.
EUROPEAN PHYSICAL JOURNAL C, vol.78, no.11, 2018 (SCI-Expanded)
- IX. **Light cone distribution amplitudes of excited p-wave heavy quarkonia at leading twist**
Olpak M. A., ÖZPİNECİ A., Tanriverdi V.
PHYSICAL REVIEW D, vol.96, no.1, 2017 (SCI-Expanded)
- X. **Axial vector transition form factors of N \rightarrow Delta in QCD**
KÜÇÜKARSLAN A., Ozdem U., ÖZPİNECİ A.
NUCLEAR PHYSICS B, vol.913, pp.132-150, 2016 (SCI-Expanded)
- XI. **Tensor form factors of the octet hyperons in QCD**
KÜÇÜKARSLAN A., Ozdem U., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.94, no.9, 2016 (SCI-Expanded)
- XII. **Quarkonium Contribution to Meson Molecules**
Cincioglu E., Nieves J., ÖZPİNECİ A., YILMAZER A. U.
EUROPEAN PHYSICAL JOURNAL C, vol.76, no.10, 2016 (SCI-Expanded)
- XIII. **Isvector axial vector form factors of octet-decuplet hyperon transition in QCD**
KÜÇÜKARSLAN A., Ozdem U., ÖZPİNECİ A.
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.42, no.1, 2015 (SCI-Expanded)
- XIV. **Isvector axial vector and pseudoscalar transition form factors of Delta in QCD**
KÜÇÜKARSLAN A., Ozdem U., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.90, no.5, 2014 (SCI-Expanded)
- XV. **Detecting the long-distance structure of the X(3872)**
Guo F., Hidalgo-Duque C., Nieves J., ÖZPİNECİ A., Valderrama M. P.
European Physical Journal C, vol.74, no.5, pp.1-10, 2014 (SCI-Expanded)
- XVI. **X(3872) and its partners in the heavy quark limit of QCD**
Hidalgo-Duque C., Nieves J., ÖZPİNECİ A., Zamiralov V.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, vol.727, no.4-5, pp.432-437, 2013 (SCI-Expanded)
- XVII. **Hidden beauty molecules within the local hidden gauge approach and heavy quark spin symmetry**
ÖZPİNECİ A., Xiao C., Oset E.
Physical Review D - Particles, Fields, Gravitation and Cosmology, vol.88, no.3, 2013 (SCI-Expanded)
- XVIII. **QCD sum rules for the coupling constants of vector mesons to octet baryons**
Zamiralov V., ÖZPİNECİ A., Erkol G.
Moscow University Physics Bulletin, vol.68, no.3, pp.205-209, 2013 (SCI-Expanded)
- XIX. **Vector and axial-vector couplings of D and D* mesons in 2+1 flavor lattice QCD**
Can K. U., ERKOL G., Oka M., ÖZPİNECİ A., Takahashi T. T.
PHYSICS LETTERS B, vol.719, pp.103-109, 2013 (SCI-Expanded)
- XX. **Semileptonic transition of Sigma(b) to Sigma in light cone QCD sum rules**
AZİZİ K., BAYAR M., ÖZPİNECİ A., SARAÇ OYMAK Y., SUNDU PAMUK H.
PHYSICAL REVIEW D, vol.85, no.1, 2012 (SCI-Expanded)
- XXI. **Tensor form factors of nucleon in QCD**
ERKOL G., ÖZPİNECİ A.

- PHYSICS LETTERS B, vol.704, no.5, pp.551-558, 2011 (SCI-Expanded)
- XXII. **Isovector axial-vector form factors of octet baryons in QCD**
ERKOL G., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.83, no.11, 2011 (SCI-Expanded)
- XXIII. **Mixing angle of hadrons in QCD: A new view**
ALIYEV T., ÖZPİNECİ A., Zamiralov V.
PHYSICAL REVIEW D, vol.83, no.1, 2011 (SCI-Expanded)
- XXIV. **The semileptonic B to K-1(1270,1400) decays in QCD sum rules**
Dag H., ÖZPİNECİ A., ZEYREK M. T.
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.38, no.1, 2011 (SCI-Expanded)
- XXV. **g(Sigma Q Sigma Q pi) coupling constant via light cone QCD sum rules**
AZİZİ K., BAYAR M., ÖZPİNECİ A., SARAÇ OYMAK Y.
PHYSICAL REVIEW D, vol.82, no.7, 2010 (SCI-Expanded)
- XXVI. **Mass Formulas for Xi(c) and Xi(b) Baryons**
Aliev T., Zamiralov V. S., ÖZPİNECİ A.
PHYSICS OF ATOMIC NUCLEI, vol.73, no.10, pp.1754-1760, 2010 (SCI-Expanded)
- XXVII. **Light vector meson octet-decuplet baryon vertices in QCD**
ALIYEV T., ÖZPİNECİ A., SAVCI M., Zamiralov V. S.
PHYSICAL REVIEW D, vol.81, no.5, 2010 (SCI-Expanded)
- XXVIII. **Pseudoscalar-meson decuplet-baryon coupling constants in light cone QCD**
ALIYEV T., AZİZİ K., ÖZPİNECİ A., SAVCI M.
PHYSICAL REVIEW D, vol.80, no.9, 2009 (SCI-Expanded)
- XXIX. **Magnetic and quadrupole moments of light spin-1 mesons in light cone QCD sum rules**
ALIYEV T., ÖZPİNECİ A., SAVCI M.
PHYSICS LETTERS B, vol.678, no.5, pp.470-476, 2009 (SCI-Expanded)
- XXX. **Tree level semileptonic Sigma b to nucleon decay in light cone QCD sum rules**
Azizi K., BAYAR M., ÖZPİNECİ A., SARAÇ OYMAK Y.
PHYSICAL REVIEW D, vol.80, no.3, 2009 (SCI-Expanded)
- XXXI. **Vector meson-baryon strong coupling constants in light cone QCD sum rules**
Aliev T., ÖZPİNECİ A., SAVCI M., Zamiralov V. S.
PHYSICAL REVIEW D, vol.80, no.1, 2009 (SCI-Expanded)
- XXXII. **Sigma(Q)Lambda(Q)pi coupling constant in light cone QCD sum rules**
Azizi K., Bayar M., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.79, no.5, 2009 (SCI-Expanded)
- XXXIII. **Radiative decays of the heavy flavored baryons in light cone QCD sum rules**
ALIYEV T., Azizi K., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.79, no.5, 2009 (SCI-Expanded)
- XXXIV. **Mass and magnetic moments of the heavy flavored baryons with J=3/2 in light cone QCD sum rules**
ALIYEV T., Azizi K., ÖZPİNECİ A.
NUCLEAR PHYSICS B, vol.808, pp.137-154, 2009 (SCI-Expanded)
- XXXV. **Nucleon electromagnetic form factors in QCD**
Aliev T., Azizi K., ÖZPİNECİ A., SAVCI M.
PHYSICAL REVIEW D, vol.77, no.11, 2008 (SCI-Expanded)
- XXXVI. **Magnetic moments of heavy Xi Q baryons in light cone QCD sum rules**
Aliev T., Azizi K., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.77, no.11, 2008 (SCI-Expanded)
- XXXVII. **Light cone QCD sum rules analysis of the axial N ->Delta transition form factors**
Aliev T., Azizi K., ÖZPİNECİ A.
NUCLEAR PHYSICS A, vol.799, pp.105-126, 2008 (SCI-Expanded)
- XXXVIII. **Semileptonic B-s -> D-sJ(2460)l nu decay in QCD**
Aliev T., Azizi K., Ozpineci A.

- EUROPEAN PHYSICAL JOURNAL C, vol.51, no.3, pp.593-599, 2007 (SCI-Expanded)
- XXXIX. **QCD sum rules for the coupling constants $g(KYN)$ and $g(KY \Xi)$**
 Aliev T., Zamiralov V. S., Lepshokov S. N., Ozpineci A., Yakovlev S. B.
 PHYSICS OF ATOMIC NUCLEI, vol.70, no.5, pp.925-937, 2007 (SCI-Expanded)
- XL. **Meson-octet-baryon couplings using light cone QCD sum rules**
 Aliev T., Ozpineci A., Yakovlev S. B., Zamiralov V.
 PHYSICAL REVIEW D, vol.74, no.11, 2006 (SCI-Expanded)
- XLI. **Sum rules in QCD for $g \eta \Lambda \Lambda$ and $g \pi \Lambda \Sigma$**
 Zamiralov V., ÖZPİNECİ A., Yakovlev S.
 Physics of Atomic Nuclei, vol.69, no.3, pp.510-519, 2006 (SCI-Expanded)
- XLII. **Radiative decays of decuplet to octet baryons in light cone QCD**
 Aliev T., Ozpineci A.
 NUCLEAR PHYSICS B, vol.732, pp.291-320, 2006 (SCI-Expanded)
- XLIII. **Radiative transitions of $D-sJ(*)$ (2317) and $D-sJ$ (2460) - art. no. 072004**
 Colangelo P., De Fazio F., ÖZPİNECİ A.
 PHYSICAL REVIEW D, vol.72, no.7, 2005 (SCI-Expanded)
- XLIV. **QCD sum rules: Intercrossed relations for the $\Sigma 0$ - Λ mass splitting**
 ÖZPİNECİ A., Yakovlev S., Zamiralov V.
 Modern Physics Letters A, vol.20, no.4, pp.243-249, 2005 (SCI-Expanded)
- XLV. **New relations between borel sum rules for the magnetic moments of the $\Sigma 0$ and Λ hyperons**
 Zamiralov V., ÖZPİNECİ A., Yakovlev S.
 Physics of Atomic Nuclei, vol.68, no.2, pp.279-285, 2005 (SCI-Expanded)
- XLVI. **Form factors of $D-s(+)$ $\rightarrow \phi(1)$ over-bar ν decay in QCD light cone sum rule**
 Aliev T., Ozpineci A., Savci M.
 EUROPEAN PHYSICAL JOURNAL C, vol.38, no.1, pp.85-91, 2004 (SCI-Expanded)
- XLVII. **Fourth generation effects in processes induced by the $b \rightarrow s$ transition**
 Aliev T., Ozpineci A., Savci M.
 EUROPEAN PHYSICAL JOURNAL C, vol.29, no.2, pp.265-270, 2003 (SCI-Expanded)
- XLVIII. **Semileptonic $B \rightarrow \eta$ ν decay in light cone QCD**
 Aliev T., Kanik I., Ozpineci A.
 PHYSICAL REVIEW D, vol.67, no.9, 2003 (SCI-Expanded)
- XLIX. **Fourth generation effects in rare $B-s \rightarrow l(+)l(-)$ and $B-s \rightarrow l(+)l(-)\gamma$ decays**
 Aliev T., Ozpineci A., Savci M.
 EUROPEAN PHYSICAL JOURNAL C, vol.27, no.3, pp.405-410, 2003 (SCI-Expanded)
- L. **Model independent analysis of Λ baryon polarizations in $\Lambda(b) \rightarrow \Lambda l(+)l(-)$ decay**
 Aliev T., Ozpineci A., Savci M.
 PHYSICAL REVIEW D, vol.67, no.3, 2003 (SCI-Expanded)
- LI. **Exclusive $\Lambda(b) \rightarrow \Lambda l(+)l(-)$ decay beyond standard model**
 Aliev T., Ozpineci A., Savci M.
 NUCLEAR PHYSICS B, vol.649, pp.168-188, 2003 (SCI-Expanded)
- LII. **T-odd correlations in $B \rightarrow K(*)l(+)l(-)$ decay beyond the standard model**
 Aliev T., Ozpineci A., Savci M., Yuce C.
 PHYSICAL REVIEW D, vol.66, no.11, 2002 (SCI-Expanded)
- LIII. **T violation in $\Lambda b \rightarrow \Lambda l(+)l(-)$ decay beyond standard model**
 Aliev T., Ozpineci A., Savci M., Yuce C.
 PHYSICS LETTERS B, vol.542, pp.229-238, 2002 (SCI-Expanded)
- LIV. **Octet baryon magnetic moments in light cone QCD sum rules**
 Aliev T., Ozpineci A., Savci M.
 PHYSICAL REVIEW D, vol.66, no.1, 2002 (SCI-Expanded)
- LV. **Q-ball formation in the wake of Hubble-induced radiative corrections**
 Allahverdi R., Mazumdar A., ÖZPİNECİ A.

Physical Review D - Particles, Fields, Gravitation and Cosmology, vol.65, no.12, pp.1250031-1250037, 2002 (SCI-Expanded)

- LVI. **New physics effects in $\Lambda(b) \rightarrow \Lambda l^{(+)} l^{(-)}$ decay with lepton polarizations**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.65, no.11, 2002 (SCI-Expanded)
- LVII. **Magnetic moments of $\Lambda(b)$ and $\Lambda(c)$ baryons in light cone QCD sum rules**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.65, no.5, 2002 (SCI-Expanded)
- LVIII. **Radiative $\phi \rightarrow f(0)(980)\gamma$ decay in light cone QCD sum rules**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.527, pp.193-198, 2002 (SCI-Expanded)
- LIX. **General analysis of time evolution of decay spectrum in $B^0 \rightarrow \pi^{(+)}\pi^{(-)}l^{(+)}l^{(-)}$**
Aliev T., Ozpineci A., Savci M.
NUCLEAR PHYSICS B, vol.621, pp.479-494, 2002 (SCI-Expanded)
- LX. **$g(\rho \sigma \gamma)$ coupling constant in light cone QCD**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.65, no.7, pp.4, 2002 (SCI-Expanded)
- LXI. **$\Sigma(Q)\Lambda(Q)$ transition magnetic moments in light cone QCD sum rules**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.65, no.9, pp.9, 2002 (SCI-Expanded)
- LXII. **Rare $B \rightarrow l^{(+)}l^{(-)}\gamma$ decay and new physics effects**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.520, pp.69-77, 2001 (SCI-Expanded)
- LXIII. **The $\Sigma(0)\Lambda$ transition magnetic moment in light cone QCD sum rules**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.516, pp.299-306, 2001 (SCI-Expanded)
- LXIV. **Exclusive $B \rightarrow K^*l^{(+)}l^{(-)}$ decay with polarized K^* and new physics effects**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.511, no.1, pp.49-58, 2001 (SCI-Expanded)
- LXV. **Rare $B \rightarrow K^*\nu(\nu)\overline{\nu}$ decay beyond standard model**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.506, pp.77-84, 2001 (SCI-Expanded)
- LXVI. **Meson-baryon couplings and the F/D ratio in light cone QCD**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.64, no.3, pp.10, 2001 (SCI-Expanded)
- LXVII. **New physics effects to the lepton polarizations in the $B \rightarrow Kl^{(+)}l^{(-)}$ decay**
Aliev T., Cakmak M., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.64, no.5, pp.10, 2001 (SCI-Expanded)
- LXVIII. **Magnetic moments of Delta baryons in light cone QCD sum rules**
Aliev T., Ozpineci A., Savci M.
NUCLEAR PHYSICS A, vol.678, no.4, pp.443-454, 2000 (SCI-Expanded)
- LXIX. **Fourth generation effects in rare exclusive $B \rightarrow K^*l^{(+)}l^{(-)}$ decay**
Aliev T., Ozpineci A., Savci M.
NUCLEAR PHYSICS B, vol.585, pp.275-289, 2000 (SCI-Expanded)
- LXX. **Magnetic moments of decuplet baryons in light cone QCD**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.62, no.5, pp.1-8, 2000 (SCI-Expanded)
- LXXI. **Excited heavy mesons decay form factors in light cone QCD**
Aliev T., Savci M., Ozpineci A.
PHYSICS LETTERS B, vol.422, pp.257-264, 1998 (SCI-Expanded)
- LXXII. **Two Higgs doublet model and lepton polarization in the $B \rightarrow K \tau^{(+)}\tau^{(-)}$ decay**

- Aliev T., Savci M., Ozpineci A., Koru H.
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.24, no.1, pp.49-65, 1998 (SCI-Expanded)
- LXXIII. **Rare $B \rightarrow K^*l^{(+)}l^{(-)}$ decay, two Higgs doublet model, and light cone QCD sum rules**
Aliev T., Savci M., Ozpineci A., Koru H.
PHYSICS LETTERS B, vol.410, pp.216-228, 1997 (SCI-Expanded)
- LXXIV. **Rare $B \rightarrow K^*l^{(+)}l^{(-)}$ decay in light cone QCD**
Aliev T., Savci M., Ozpineci A.
PHYSICAL REVIEW D, vol.56, no.7, pp.4260-4267, 1997 (SCI-Expanded)
- LXXV. **$B \rightarrow l^{(+)}l^{(-)}\gamma$ decays in light cone QCD**
Aliev T., Ozpineci A., Savci M.
PHYSICAL REVIEW D, vol.55, no.11, pp.7059-7066, 1997 (SCI-Expanded)
- LXXVI. **Light cone QCD sum rule analysis of $B \rightarrow Kl^{(+)}l^{(-)}$ decay**
Aliev T., Koru H., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.400, pp.194-205, 1997 (SCI-Expanded)
- LXXVII. **Rare $B \rightarrow \nu(\nu)\bar{\nu}\gamma$ decay in light cone QCD sum rule**
Aliev T., Ozpineci A., Savci M.
PHYSICS LETTERS B, vol.393, pp.143-148, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Quantum effects of thermal conductance through atomic chains**
Ozpineci A., Ciraci S.
Physical Review B - Condensed Matter and Materials Physics, vol.63, no.12, pp.1254151-1254155, 2001 (Scopus)
- II. **Reduced density matrix approach to phononic dissipation in friction**
Özpineci A., Leitner D., Ciraci S.
Physical Review B - Condensed Matter and Materials Physics, vol.62, no.15, pp.10558-10564, 2000 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Işık Konisi KRD Toplam Kurallarında N-D'nin Aksiyal Vektör Yapı Faktörleri**
Özdemir U., KÜÇÜKARSLAN A., ÖZPİNECİ A.
İstanbul Yüksek Enerji Fiziği Çalıştayı (YEFIST 2017), Turkey, 6 - 07 May 2017
- II. **X(3872) and its charmonium content in Heavy Quark limit**
Cincioglu E., Nieves J., ÖZPİNECİ A.
International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD at Work), Martina Franca, Italy, 27 - 30 June 2016, vol.129
- III. **X 3872 and Other Exotic Mesons**
ÖZPİNECİ A.
First Joint METU-IPM Conference on LHC Physics, İzmir, Turkey, 29 September - 03 October 2015
- IV. **Hidden charm and bottom molecular states**
Guo F. -, Hidalgo-Duque C., Nieves J., ÖZPİNECİ A., Valderrama M. P.
5th International Conference on Exotic Atoms and Related Topics (EXA), Vienna, Austria, 15 - 19 September 2014, vol.234, pp.125-132
- V. **Long-distance structure of the X(3872)**
Guo F., Hidalgo-Duque C., Nieves J., ÖZPİNECİ A., Valderrama M. P.
11th International Conference on Hyperons, Charm and Beauty Hadrons (BEACH), Birmingham, United Kingdom, 21 - 26 July 2014, vol.556
- VI. **Electromagnetic structure of charmed hadrons**
ERKOL G., Can K. U., İŞILDAK B., Oka M., ÖZPİNECİ A., Takahashi T. T.

11th International Conference on Hyperons, Charm and Beauty Hadrons (BEACH), Birmingham, United Kingdom, 21 - 26 July 2014, vol.556

- VII. **Detecting the long-distance structure of the X(3872)**
Guo F., Hidalgo-Duque C., Nieves J., ÖZPİNECİ A., Valderrama M. P.
37th International Conference on High Energy Physics (ICHEP), Valencia, Spain, 2 - 09 July 2014, vol.273, pp.2708-2710
- VIII. **New Unitary Relations between the QCD sum rules**
ÖZPİNECİ A., Zamiralov V.
International Workshop on Quantum Chromodynamics - Theory and Experiment, Bari, Italy, 16 - 19 June 2014, vol.80
- IX. **X(3872) in Heavy Quark Limit of QCD: Its Partners and Isospin Structure**
ÖZPİNECİ A.
International Workshop on Quantum Chromodynamics - Theory and Experiment, Bari, Italy, 16 - 19 June 2014, vol.80
- X. **QCD coupling constants and VDM**
ERKOL G., ÖZPİNECİ A., Zamiralov V. S.
International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD at Work), Lecce, Italy, 18 - 21 June 2012, vol.1492, pp.165-170
- XI. **Iso-vector Form Factors of the Delta and Nucleon in QCD Sum Rules**
Ozpineci A.
International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD at Work), Lecce, Italy, 18 - 21 June 2012, vol.1492, pp.153-160
- XII. **Theoretical determination of K-1(1270,1400) mixing angle in QCD**
Dag H., ÖZPİNECİ A., Cagil A., ERKOL G.
3rd International Conference on Hadron Physics (TROIA), Çanakkale, Turkey, 22 - 25 August 2011, vol.348
- XIII. **Unitary symmetry pattern of the QCD sum rules**
ALIYEV T., ÖZPİNECİ A., Zamiralov V.
3rd International Conference on Hadron Physics (TROIA), Çanakkale, Turkey, 22 - 25 August 2011, vol.348
- XIV. **Mixing $\Xi - \Xi'$ effects and static properties of heavy Ξ 's**
ALIYEV T., ÖZPİNECİ A., Zamiralov V.
International Workshop on Quantum Chromodynamics: Theory and Experiment Beppe Nardulli Memorial Workshop, QCD at WORK 2010, Martina Franca, Italy, 20 - 23 June 2010, vol.1317, pp.128-134
- XV. **A QCD Sum Rules Approach to Mixing of Hadrons**
Aliev T., ÖZPİNECİ A., Zamiralov V. S.
International Workshop on Chiral Symmetry in Hadrons and Nuclei, Valencia, Spain, 21 - 24 June 2010, vol.1322, pp.197-198
- XVI. **New hidden beauty molecules predicted by the local hidden gauge approach and heavy quark spin symmetry**
Xiao C. W., ÖZPİNECİ A., Oset E.
International Workshop on Chiral Symmetry in Hadrons and Nuclei, Valencia, Spain, 21 - 24 June 2010, pp.206-209
- XVII. **Mixing $\Xi - \Xi'$ Effects and Static Properties of Heavy Ξ 's**
Aliev T., ÖZPİNECİ A., Zamiralov V. S.
International Workshop on Quantum Chromodynamics: Theory and Experiment, Martina Franca, Italy, 20 - 23 June 2010, vol.1317, pp.128-129
- XVIII. **Baryon-Baryon-Meson Coupling Constants in QCD**
Aliev T., AZİZİ K., ÖZPİNECİ A., SAVCI M., Zamiralov V.
International Workshop on Quantum Chromodynamics: Theory and Experiment, Martina Franca, Italy, 20 - 23 June 2010, vol.1317, pp.108-109
- XIX. **Phenomenology of the Heavy Flavored Spin 3/2 Baryons in Light Cone QCD**
ALIYEV T., Azizi K., ÖZPİNECİ A.
NATO Advanced Research Workshop on Safe Nuclear Energy, Yala, Thailand, 27 September - 02 October 2008,

pp.19-30

XX. Strong coupling constants of the octet baryons to K and π mesons in light cone QCD sum rules

Aliiev T., ÖZPİNECİ A., Yakovlev S., Zamiralov V. S.

International Workshop on Quantum Chromodynamics Theory and Experiment, Martina Franca, Italy, 11 - 20 June 2007, vol.964, pp.53-55

XXI. Unitary structure of the QCD sum rules and KYN and KY Ξ couplings

Aliiev T., Ozpineci A., Yakovlev S., Zamiralov V.

3rd International Workshop on Quantum Chromodynamics (QCD), Bari, Italy, 16 - 20 June 2005, vol.806, pp.40-42

Metrics

Publication: 101

Citation (WoS): 1452

Citation (Scopus): 1547

H-Index (WoS): 25

H-Index (Scopus): 23

Congress and Symposium Activities

QED and QCD Effects in Atomic and Hadron Physics, Invited Speaker, Lanzhou, China, 2018

Non Academic Experience

Instituto de Física Corpuscular, Valencia, İspanya

Instituto Nazionale di Fisica Nucleare, Bari, İtalya

Abdus Salam International Center for Theoretical Physics, Trieste, İtalya