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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-7427-2018

Yoksis Researcher ID: 147737



Education Information

1997 - 2003	Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Fizik Bölümü, Turkey
1992 - 1996	Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Fizik Bölümü, Turkey
1988 - 1992	Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey

Dissertations

2003	"The Effects of omega-rho Mixing in Radiative Vector Meson Decays", Middle East Technical University, Fen Bilimleri Enstitüsü, Fizik, Doctorate
1996	"Nötrinoların Özellikleri", Karadeniz Technical University, Fen Bilimleri Enstitüsü, Fizik Bölümü, Postgraduate

Research Areas

Theoretical High Energy Physics Studies, Physics, Interdisciplinary Physics and Related Science and Technology Areas, Nuclear physics, Basic Particles and Areas, General Theory of Particles and Fields, Properties of special particles, Special reactions and phenomenology, Natural Sciences

Academic Titles / Tasks

2022 - Continues	Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik
2016 - 2022	Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik
2005 - 2016	Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik
2004 - 2005	Medical Doctor, Middle East Technical University, Fen Edebiyat Fakültesi, Fizik Bölümü
2003 - 2004	Medical Doctor, Baskent University, Faculty Of Education, Department Of Computer And Education Technologies Education

Supervised Theses

2014	KÜÇÜKARSLAN A., Doctorate, Y.ÜNAL(Student), "Üç Çeşni Etkin Alan Teorisinde Mezon-Baryon Çiftlenim Sabitleri"
2013	KÜÇÜKARSLAN A., Doctorate, U.ÖZDEM(Student), "İzovektör Aksiyel Vektör Oktet-Decuplet Geçiş Yapı Faktörlerinin Hesaplanması",
2013	KÜÇÜKARSLAN A., Postgraduate, Ö.ÖZTÜRK(Student), "Aksiyel Vektör Mezonların Vp ve PGamma'ya Bozunması"
2012	KÜÇÜKARSLAN A., Postgraduate, Z.BAĞIRIR(Student), "GammastarNtoDelta Geçiş Form Faktörleri için Işık Konisi Toplam Kuralları", devam ediyor.
2011	KÜÇÜKARSLAN A., Postgraduate, E.AÇIKSÖZ(Student), "Rhotopi0pi0gamma Bozunumuna Farklı Katkıların İncelenmesi"
2010	KÜÇÜKARSLAN A., Postgraduate, Y.ÜNAL(Student), "Fenomenolojik Yaklaşımda Phitopi0pi0gamma Bozunumu"
2010	KÜÇÜKARSLAN A., Postgraduate, U.ÖZDEM(Student), "gvsigmagamma Çiftkenim Sabitlerinin KRD Toplam Kurallarında İncelenmesi"
2008	KÜÇÜKARSLAN A., Postgraduate, C.ÖZER(Student), "İki Cisim Radyatif Vector Mezon Bozunumları"

Jury Memberships

November 2015	Post Graduate, Tez Savunma Jüri Üyeliği, Dokuz Eylül Üniversitesi
September 2014	Post Graduate, Tez Savunma Jüri Üyeliği, Çanakkale Onsekiz Mart Üniversitesi
February 2012	Doctorate, Tez Savunma Jüri Üyeliği, Çanakkale Onsekiz Mart Üniversitesi
January 2012	Post Graduate, Tez Savunma Jüri Üyeliği, Çanakkale Onsekiz Mart Üniversitesi
June 2010	Doctorate, Tez Savunma Jüri Üyeliği, Çanakkale Onsekiz Mart Üniversitesi
January 2010	Post Graduate, Tez Savunma Jüri Üyeliği, Çanakkale Onsekiz Mart Üniversitesi
September 2008	Post Graduate, Tez Savunma Jüri Üyeliği, Orta Doğu Teknik Üniversitesi
July 2007	Post Graduate, Tez Savunma Jüri Üyeliği, Orta Doğu Teknik Üniversitesi
July 2007	Post Graduate, Tez Savunma Jüri Üyeliği, Orta Doğu Teknik Üniversitesi

Published journal articles indexed by SCI, SSCI, and AHCI

- Tailoring the physical properties of ultrasonically spray pyrolyzed SnS thin films with silver doping**
Güneş İ., Sarica E., Bilgin V., Küçükarslan A.
Journal of Sol-Gel Science and Technology, 2025 (SCI-Expanded)
- The Effect of Fe and Co doping on the Physical Properties of CdO Films Deposited by Ultrasonic Spray Pyrolysis**
DEMİRSELÇUK B., GÜNEŞ İ., Sarica E., Kuş E., KÜÇÜKARSLAN A., BİLGİN V.
Journal of Materials Science: Materials in Electronics, vol.36, no.2, 2025 (SCI-Expanded)
- Optimization of chemically sprayed ZnS films by Mn doping**
DEMİRSELÇUK B., Kus E., KÜÇÜKARSLAN A., Sarica E., AKYÜZ İ., BİLGİN V.
Physica B: Condensed Matter, vol.622, 2021 (SCI-Expanded)
- Axial-vector nucleon-to-delta transition form factors using the complex-mass renormalization scheme**
Unal Y., KÜÇÜKARSLAN A., Scherer S.
PHYSICAL REVIEW D, vol.104, no.9, 2021 (SCI-Expanded)
- Ultrasonically sprayed cobalt oxide thin films: Enhancing of some physical properties by nickel doping**
Kus E., KÜÇÜKARSLAN A., DEMİRSELÇUK B., Sarica E., AKYÜZ İ., BİLGİN V.

Materials Letters, vol.297, 2021 (SCI-Expanded)

- VI. **Improvement of structural, optical and magnetic properties of cobalt oxide thin films by doping with iron**
KÜÇÜKARSLAN A., Kus E., Sarica E., AKYÜZ İ., BİLGİN V., DEMİRSELÇUK B.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.127, no.7, 2021 (SCI-Expanded)
- VII. **Contribution of the $a(1)$ meson to the axial nucleon-to-delta transition form factors**
Uenal Y., Kucuekarслан A., Scherer S.
PHYSICAL REVIEW D, vol.99, no.1, 2019 (SCI-Expanded)
- VIII. **Mass and width of the $\Delta(1232)$ resonance using complex-mass renormalization**
Bauer T., Uenal Y., Kucukarслан A., Scherer S.
PHYSICAL REVIEW C, vol.96, no.2, 2017 (SCI-Expanded)
- IX. **Axial vector transition form factors of $N \rightarrow \Delta$ in QCD**
Kucukarслан A., Ozdem U., Ozpineci A.
NUCLEAR PHYSICS B, vol.913, pp.132-150, 2016 (SCI-Expanded)
- X. **Tensor form factors of the octet hyperons in QCD**
Kucukarслан A., Ozdem U., Ozpineci A.
PHYSICAL REVIEW D, vol.94, no.9, 2016 (SCI-Expanded)
- XI. **Interaction of the vector-meson octet with the baryon octet in effective field theory**
Uenal Y., Kucuekarслан A., Scherer S.
PHYSICAL REVIEW C, vol.92, no.5, 2015 (SCI-Expanded)
- XII. **Isovector axial vector form factors of octet-decuplet hyperon transition in QCD**
Kucukarслан A., Ozdem U., ÖZPİNECİ A.
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.42, no.1, 2015 (SCI-Expanded)
- XIII. **Isovector axial vector and pseudoscalar transition form factors of Δ in QCD**
Kucukarслан A., Ozdem U., ÖZPİNECİ A.
PHYSICAL REVIEW D, vol.90, no.5, 2014 (SCI-Expanded)
- XIV. **Radiative $S \rightarrow V\gamma$ vertex in QCD SUM rules**
Kucukarслан A., Ozdem U.
Acta Physica Polonica B, vol.44, no.6, pp.1321-1332, 2013 (SCI-Expanded)
- XV. **The radiative $\phi \rightarrow \pi^0\pi^0\gamma$ decay**
Kucukarслан A., Unal Y.
European Physical Journal A, vol.49, no.10, pp.1-9, 2013 (SCI-Expanded)
- XVI. **The behavior of the strange quark matter in the FRW universes**
YILMAZ İ., KÜÇÜKARSLAN A., ÖZDER S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.22, no.12, pp.2283-2291, 2007 (SCI-Expanded)
- XVII. **ω - ϕ mixing in chiral perturbation theory**
Kucukarслан A., Meissner U.
MODERN PHYSICS LETTERS A, vol.21, no.18, pp.1423-1430, 2006 (SCI-Expanded)
- XVIII. **Radiative vector meson decays: $\omega \rightarrow \pi^0\eta\gamma$ and $\rho \rightarrow \pi^0\eta\gamma$**
Kucukarслан A.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.20, no.2-3, pp.712-714, 2005 (SCI-Expanded)
- XIX. **Different contributions in $\omega \rightarrow \pi^0\eta\gamma$ and $\rho \rightarrow \pi^0\eta\gamma$ decays**
Kucukarслан A., Solmaz S.
PHYSICAL REVIEW D, vol.70, no.5, 2004 (SCI-Expanded)
- XX. **σ -Meson and ω - ρ mixing effects in $\omega \rightarrow \pi^+\pi^-\gamma$ decay**
Gokalp A., Kucukarслан A., Solmaz S., YILMAZ O.
Acta Physica Polonica B, vol.34, no.8, pp.4095-4104, 2003 (SCI-Expanded)
- XXI. **Vector meson dominance, chiral loops, sigma meson, and omega-rho mixing in $\omega \rightarrow \pi^0\pi^0\gamma$ decay**
Gokalp A., Kucukarслан A., Yilmaz O.
PHYSICAL REVIEW D, vol.67, no.7, 2003 (SCI-Expanded)

XXII. **Scalar $a(0)(980)$ meson in $\phi \rightarrow \pi(0)\eta$ gamma decay**

Gokalp A., Kucukarslan A., Solmaz S., Yilmaz O.

JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.28, no.11, pp.2783-2793, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preparation and Characterization of Nickel-Doped Zinc Sulphide Thin Films for Solar Cell Applications**
Küçükarslan A., Demirselçuk B., Kuş E., Akyüz İ., Bilgin V.
Preparation and Characterization of Nickel-Doped Zinc Sulphide Thin Films for Solar Cell Applications, vol.7, no.4, pp.20-29, 2021 (Conference Book)
- II. **4th international hadron physics conference (TROIA'14)**
Dağ H., Erkol G., Küçükarslan A., Özpıneci A.
Journal of Physics: Conference Series, vol.562, no.1, 2014 (Scopus)
- III. **The coupling constants $g_{V\phi\gamma}$ in QCD sum rules**
KÜÇÜKARSLAN A., Ozdem U.
Physics of Particles and Nuclei Letters, vol.10, no.1, pp.11-15, 2013 (Scopus)
- IV. **Scalar $f_0(980)$ meson Effect in Radiative $\phi \rightarrow \pi^+\pi^-\gamma$ Decay**
KÜÇÜKARSLAN A., KERMAN S.
Cornell University Librarian, arXiv.org, arXiv:hep-ph/0404076, 2004 (Non Peer-Reviewed Journal)
- V. **Scalar Meson Effects in Radiative $\phi \rightarrow \pi^0\eta\gamma$ Decay**
GÖKALP A., KÜÇÜKARSLAN A., KERMAN S., YILMAZ O.
Eurasia Nuclear Bulletin, vol.1, pp.55-60, 2002 (Non Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **The Effect of Sulfurization Temperature on As-prepared SnS Films Deposited by Ultrasonic Spray Pyrolysis**
GÜNEŞ İ., DEMİRSELÇUK B., SARICA E., AKYÜZ İ., KÜÇÜKARSLAN A., BİLGİN V.
6th International Organic Electronic Material Technology Conference (OEMT-2024), Çanakkale, Turkey, 22 - 25 May 2024
- II. **Unleashing the Photovoltaic Potential: Optimizing Zn-Doped Co₃O₄ Films via Ultrasonic Spray Pyrolysis**
GÜNEŞ İ., SARICA E., AKYÜZ İ., KÜÇÜKARSLAN A., BİLGİN V.
6th International Organic Electronic Material Technology Conference (OEMT-2024), Çanakkale, Turkey, 22 - 25 May 2024
- III. **STRUCTURAL AND OPTICAL PROPERTIES OF TUNGSTEN OXIDE THIN FILMS: EFFECT OF ANNEALING TIME**
KÜÇÜKARSLAN A., GÜNEŞ İ., SARICA E., AKYÜZ İ., BİLGİN V.
6nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'21), Nevşehir/Kapadokya, Turkey, 26 - 28 November 2021
- IV. **CHEMICALLY SPRAYED SnO₂:F (FTO) THIN FILMS FOR PHOTOVOLTAIC APPLICATIONS**
KÜÇÜKARSLAN A., SARICA E., GÜNEŞ İ., AKYÜZ İ., ÖZDER S., BİLGİN V.
6nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'21), Nevşehir/Kapadokya, Turkey, 26 - 28 November 2021
- V. **Ultrasonic spray pyrolysed tin sulfide films: effect of spraying solution flow rate**
Sarica E., Güneş İ., Küçükarslan A., Bilgin V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021, pp.244

- VI. **Ultrasonically sprayed Ag doped SnS films: Optical, structural and morphological properties**
Küçükarslan A., Güneş İ., Sarıca E., Akyüz İ., Bilgin V., Aldatmaz T.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021, pp.243
- VII. **Ultrasonic spray pyrolysed tin sulfide films: effect of spraying solution flow rate**
SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021
- VIII. **Ultrasonically spray deposited tin-doped indium oxide thin films for photovoltaic solar cell application**
GÜNEŞ İ., SARICA E., AKYÜZ İ., KÜÇÜKARSLAN A., ÖZDER S., BİLGİN V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021
- IX. **Structural And Optical Properties Of Iron-Cobalt Co-Doped Cadmium Oxide Thin Films**
SARICA E., GÜNEŞ İ., DEMİRSELÇUK B., KUŞ E., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021
- X. **Ultrasonically sprayed Ag doped SnS films: Optical, structural and morphological properties**
KÜÇÜKARSLAN A., GÜNEŞ İ., SARICA E., AKYÜZ İ., BİLGİN V., ALDATMAZ T.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021
- XI. **Ultrasonically spray deposited tin-doped indium oxide thin films for photovoltaic solar cell application**
Güneş İ., Sarıca E., Akyüz İ., Küçükarslan A., Özder S., Bilgin V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021, pp.242
- XII. **Effect of iron doping on structural and electrical properties of spray-deposited CdO thin films**
KUŞ E., SARICA E., GÜNEŞ İ., DEMİRSELÇUK B., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 37th International Physical Congress (TPS-37), Muğla, Turkey, 1 - 05 September 2021
- XIII. **SnS Thin Films Deposited By Ultrasonic Spray Pyrolysis: Structural, Optical And Electrical Analyzes**
Sarica E., Güneş İ., Küçükarslan A., Bilgin V.
Turkish Physical Society 36th International Physical Congress (TPS-36), İstanbul, Turkey, 1 - 05 September 2020, pp.87
- XIV. **SnS Thin Films Deposited By Ultrasonic Spray Pyrolysis: Structural, Optical And Electrical Analyzes**
Sarica E., Güneş İ., Küçükarslan A., Bilgin V.
Turkish Physical Society 34th International Physical Congress (TPS-36), Muğla, Turkey, 1 - 05 September 2020, pp.87
- XV. **SnS Thin Films Deposited By Ultrasonic Spray Pyrolysis: Structural, Optical And Electrical Analyzes**
SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 36th International Physical Congress (TPS-36), İstanbul, Turkey, 1 - 05 September 2020
- XVI. **CoO:Ni Thin Films Grown by Ultrasonic Spray Pyrolysis:Electrical, Structural and Magnetic Properties**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.129
- XVII. **The Effect of Fe Doping on Electrical, Morphological and Magnetic Properties of Cobalt Oxide Thin Films**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., TİRYAKİ E., AKYUZ I.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.209
- XVIII. **CoO:Ni Thin Films Grown by Ultrasonic Spray Pyrolysis:Electrical, Structural and Magnetic Properties**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.129

- XIX. CoO:Ni Thin Films Grown by Ultrasonic Spray Pyrolysis:Electrical, Structural and Magnetic Properties**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.129
- XX. The Effect of Fe Doping on Electrical, Morphological and Magnetic Properties of Cobalt Oxide Thin Films**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., TİRYAKİ E., AKYUZ I.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), Niğde, Turkey, 16 - 18 October 2019, pp.209
- XXI. Effect of Substrate Temperature on the Physical Properties of NiO Thin Films**
SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), 4 - 08 September 2019
- XXII. SURFACE, OPTICAL AND ELECTRICAL PROPERTIES OF Sn_{1-x}Pb_xS THIN FILMS**
GÜNEŞ İ., SARICA E., KÜÇÜKARSLAN A., BİLGİN V.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.218
- XXIII. PREPARATION AND CHARACTERIZATION OF Fe DOPING CoO THIN FILMS**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., TİRYAKİ E., AKYUZ I.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.209
- XXIV. OPTICAL AND MORPHOLOGICAL STUDIES OF CoO:Ni THIN FILMS GROWN BY ULTRASONIC SPRAY PYROLYSIS**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.207
- XXV. OPTICAL AND MORPHOLOGICAL STUDIES OF CoO:Ni THIN FILMS GROWN BY ULTRASONIC SPRAY PYROLYSIS**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.207
- XXVI. Surface, Optical and Electrical Properties of Sn_{1-x}Pb_xS Thin Films**
GÜNEŞ İ., SARICA E., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), Muğla, Turkey, 4 - 08 September 2019, pp.218
- XXVII. Surface, Optical and Electrical Properties of Sn_{1-x}Pb_xS Thin Films**
GÜNEŞ İ., SARICA E., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), 4 - 08 September 2019
- XXVIII. Effect of Substrate Temperature on the Physical Properties of NiO Thin Films**
SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), Muğla, Turkey, 4 - 08 September 2019, pp.195
- XXIX. Effect of Substrate Temperature on the Physical Properties of NiO Thin Films**
SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), Muğla, Turkey, 4 - 08 September 2019, pp.195
- XXX. PREPARATION AND CHARACTERIZATION OF Fe DOPING CoO THIN FILMS**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., TİRYAKİ E., AKYUZ I.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.209
- XXXI. EFFECT OF SUBSTRATE TEMPERATURE ON THE PHYSICAL PROPERTIES OF NiO THIN FILMS**

- SARICA E., GÜNEŞ İ., KÜÇÜKARSLAN A., BİLGİN V.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.195
- XXXII. **OPTICAL AND MORPHOLOGICAL STUDIES OF CoO:Ni THIN FILMS GROWN BY ULTRASONIC SPRAY PYROLYSIS**
KUS E., KÜÇÜKARSLAN A., BİLGİN V., DEMİRSELÇUK B., AKYUZ I.
TURKISH PHYSICAL SOCIETY 35TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 4 - 08 September 2019, pp.207
- XXXIII. **Surface, Optical and Electrical Properties of Sn₁-XPb_xS Thin Films**
GÜNEŞ İ., SARICA E., KÜÇÜKARSLAN A., BİLGİN V.
Turkish Physical Society 35th International Physical Congress (TPS-35), Muğla, Turkey, 4 - 08 September 2019, pp.218
- XXXIV. **CHARACTERIZATION OF ULTRASONIC SPRAY PYROLYSED ZnO AND CdO THIN FILMS FOR PV SOLAR CELLS APPLICATIONS**
BİLGİN V., Sarıca E., KÜÇÜKARSLAN A., Kus E.
International Conference on Photovoltaic Science and Technologies (PVCON2018), Ankara, Turkey, 4 - 06 July 2018, pp.2
- XXXV. **CHARACTERIZATION OF ULTRASONIC SPRAY PYROLYSED ZnO AND CdO THIN FILMS FOR PV SOLAR CELLS APPLICATIONS**
BİLGİN V., Sarıca E., KÜÇÜKARSLAN A., Kus E.
International Conference on Photovoltaic Science and Technologies (PVCON2018), Ankara, Turkey, 4 - 06 July 2018, pp.2
- XXXVI. **Baryon Kiral Pertürbasyon Teorisinde Nükleon-Deltanın CA5 Aksiyal Geçiş Yapı Faktörü**
ÜNAL Y., KÜÇÜKARSLAN A.
İstanbul Yüksek Enerji Fiziği Çalıştayı (YEFIST 2017), Turkey, 6 - 07 May 2017
- XXXVII. **Işık Konisi KRD Toplam Kurallarında N-D'nin Aksiyal Vektör Yapı Faktörleri**
özdem u., KÜÇÜKARSLAN A., ÖZPİNECİ A.
İstanbul Yüksek Enerji Fiziği Çalıştayı (YEFIST 2017), Turkey, 6 - 07 May 2017
- XXXVIII. **Delta Delta Isovector Axial Form Factors in QCD**
özdem u., KÜÇÜKARSLAN A., ÖZPİNECİ A.
The XXII International Workshop High Energy Physics and Quantum Field Theory, 24 June - 01 July 2016
- XXXIX. **Mass and width of the Delta resonance using complex-mass renormalization**
Uenal Y., Bauer T., Kucukarslan A., Scherer S.
14th International Workshop on Meson Production, Properties and Interaction (MESON), Krakow, Poland, 2 - 07 June 2016, vol.130
- XL. **Isovector axial vector and pseudoscalar transition form factors of Delta in QCD**
Ulas O., KÜÇÜKARSLAN A., ÖZPİNECİ A.
The XXII International Workshop High Energy Physics and Quantum Field Theory, 24 June - 01 July 2015
- XLI. **Constraint Analysis for the Interaction of the VectorMeson with the baryon Octet**
ÜNAL Y., KÜÇÜKARSLAN A., scherer s.
DPG Conferences 2015, 01 April 2015
- XLII. **The axial charge of Δ baryon in QCD**
Ozdem U., KÜÇÜKARSLAN A., ÖZPİNECİ A.
22nd International Workshop on High Energy Physics and Quantum Field Theory, QFTHEP 2015, Samara, Russia, 24 June - 01 July 2015
- XLIII. **Constraint analysis for the interaction of the vector-meson octet with the baryon octet**
Unal Y., Kucukarslan A., Scherer S.
4th International Conference on Hadron Physics, TROIA 2014, Çanakkale, Turkey, 1 - 05 July 2014, vol.562
- XLIV. **Scalar Mesons in the Decay $\phi \rightarrow K^0(K^0\text{-bar})\gamma$**
ÜNAL ŞAHİN Y., KÜÇÜKARSLAN A.
3rd International Conference on Hadron Physics (TROIA), Çanakkale, Turkey, 22 - 25 August 2011, vol.348

- XLV. **Scalar Mesons in the Decay $\phi \rightarrow K\bar{K}\gamma$**
 ÜNAL Y., KÜÇÜKARSLAN A.
 3rd International Hadron Physics Conference, TROIA'11: Journal of Physics: Conference Series., Çanakkale, Turkey, 22 - 25 August 2011, vol.348, pp.12018
- XLVI. **Different Contributions of the Decay $\rho \rightarrow \pi(0)\pi(0)\gamma$**
 AÇIKSOZ E., KÜÇÜKARSLAN A.
 3rd International Conference on Hadron Physics (TROIA), Çanakkale, Turkey, 22 - 25 August 2011, vol.348
- XLVII. **The Effects of f_2 Tensor Meson in Radiative $\phi \rightarrow \pi(0)\pi(0)\gamma$ Decay**
 KÜÇÜKARSLAN A., ÜNAL Y., AÇIKSOZ E.
 28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- XLVIII. **The $\phi \rightarrow a_0 \gamma$ Decay in Phenomenological Approach**
 ÜNAL Y., KÜÇÜKARSLAN A.
 28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- XLIX. **Investigate the Decays $V \rightarrow \rho \gamma$, $V \rightarrow S \gamma$ and $A \rightarrow V \rho$**
 KÜÇÜKARSLAN A., Ozturk O.
 28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- L. **Radiative Decay $\rho \rightarrow \pi^+\pi^-\gamma$ Including σ meson Effects and the Coupling Constant $g_{\rho\pi\pi}$**
 AÇIKSOZ E., KÜÇÜKARSLAN A.
 28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- LI. **Scalar σ Meson in Radiative $\rho \rightarrow \pi^+\pi^-\gamma$ Decay**
 KÜÇÜKARSLAN A., AÇIKSOZ E.
 International Congress on Advances in Applied Physics and Materials Science, APMAS 2011., Antalya, Turkey, 12 - 15 May 2011
- LII. **Different Contributions of the Decay $\phi \rightarrow \pi^+\pi^-\gamma$**
 KÜÇÜKARSLAN A., ÜNAL Y.
 International Congress on Advances in Applied Physics and Materials Science, APMAS, Book Series: AIP Conference Proceedings, Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.186-189
- LIII. **Different Contributions of the $\phi \rightarrow K\bar{K}\gamma$ Decay**
 KÜÇÜKARSLAN A., ÜNAL ŞAHİN Y.
 1st International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.186-189
- LIV. **Radiative $\phi \rightarrow \sigma \gamma$ Vertex in QCD Sum Rules and Phenomenological Approach**
 KÜÇÜKARSLAN A., Ozdem U., ÜNAL ŞAHİN Y.
 1st International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.190-193
- LV. **Different Contributions of the $\omega \rightarrow \pi(0)\pi(0)\gamma$ Decay**
 AKIN KARA D., KÜÇÜKARSLAN A.
 27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010
- LVI. **$\phi \rightarrow K\bar{K}\gamma$ Decay in Phenomenological Approach**
 ÜNAL Y., KÜÇÜKARSLAN A.
 27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010
- LVII. **Different Contributions of the $\rho \rightarrow \pi(0)\pi(0)\gamma$**
 AÇIKSOZ E., KÜÇÜKARSLAN A.
 27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010
- LVIII. **$g_{\sigma\omega\gamma}$ and $g_{\sigma\rho\gamma}$ Coupling Constants in QCD Sum Rules**
 KÜÇÜKARSLAN A., Ozdem U.
 27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010
- LIX. **The Coupling Constants $g_{\sigma\rho\gamma}$ and $g_{\sigma\omega\gamma}$ in QCD Sum Rules**
 Ozdem U., KÜÇÜKARSLAN A.
 27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010

- LX. **Analysis of the Effects of the rho omega Mixing in rho and omega Mesons**
KÜÇÜKARSLAN A.
Türk Fizik Derneği 22. Fizik Kongresi (TFD22), Bodrum-Muğla, Turkey, 14 - 17 September 2004
- LXI. **Işınsal omega pipyigamma Bozunmasında VMD Chiral Halka Sigma mezon ve omega rho Karışımı**
Katkıları
KÜÇÜKARSLAN A.
VIII. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, NBTK2003, Erciyes Üniversitesi, Kayseri, Turkey, 15 - 17 October 2003

Supported Projects

2019 - Continues	ELEKTROSTATİK-ULTRASONİK SPRAY KAPLAMA SİSTEMİNİN TİCARİ PROTOTİP TASARIMI VE İMALATI, TUBITAK Project
2018 - Continues	Ultrasonik Spray Pyrolysis ile Ticari Amaçlı İndiyum Kalay Oksit (ITO) Kaplı camların Üretimi, Project Supported by Other Official Institutions
2019 - 2023	Tungsten Oksit Filmlerinin Büyütülmesi ve Karakterizasyonu, Project Supported by Higher Education Institutions
2020 - 2022	Ag Katkısı ile SnS Filmlerinin Fotovoltaik Özelliklerinin İyileştirilmesi, Project Supported by Higher Education Institutions
2020 - 2022	Fe ve Co İkili Katkılı CdO İnce Filmlerinin Sprey Piroliz İle Büyütülmesi ve Karakterizasyonu, Project Supported by Higher Education Institutions
2020 - 2022	Fotovoltaik Uygulamalar için In ₂ O ₃ :Sn ve SnO ₂ :F İnce Filmleri: Üretilmesi ve Karakterizasyonu, Project Supported by Higher Education Institutions
2020 - 2021	n-Si/p-SnS Heteroyapıların Ultrasonik Sprey Piroliz Tekniği ile Üretilmesi ve Karakterizasyonu, Project Supported by Higher Education Institutions
2019 - 2020	Spintronik Uygulamalar için ZnS:X (X=Ni,Mn) Yarıiletken İnce Filmlerinin Büyütülmesi ve Karakterizasyonu, Project Supported by Higher Education Institutions
2019 - 2020	Chiral Pertürbasyon Teorisinde Sözdeskalar Yapı Faktörlerinin Hesaplanması, Project Supported by Higher Education Institutions
2016 - 2017	Elektrostatik-Ultrasonik Spray Pyrolysis Yarıiletken İnce Film Kaplama Sistemi Tasarımı ve Üretimi, TUBITAK Project
2014 - 2016	Krd'de Baryonların Sözdeskaler Ve Tensör Form Faktörlerinin İncelenmesi, TUBITAK Project
2011 - 2013	Aksiyal Vektör Mezonların VP ve Py'ya Bozunmaları, Project Supported by Higher Education Institutions
2010 - 2012	V'nin PPGamma Bozunmalarında Kiral Halkalar ve VMD Modeli, Project Supported by Higher Education Institutions
2010 - 2011	r@p0p0g Bozunumuna Farklı Katkıların İncelenmesi, Project Supported by Higher Education Institutions
2006 - 2008	Oktet ve Dekuplet Baryonların Kendi Aralarında ve Birbirlerine Radyatif ve Kuwvetli Geçişlerinin İncelenmesi, TUBITAK Project

Activities in Scientific Journals

2017 - Continues	Isaac Scientific Publishing: Journal of Particle Physics, Editor
2012 - Continues	Journal of Physics Conference Series , Editor

Peer Reviews in Scientific Publications

Tasks In Event Organizations

25 Ocak 2020	Küçükarslan A., Ankara Yüksek Enerji Fiziği Günleri Çalıştayı, Workshop Organization, Ankara, Turkey
18 Nisan 2015	Küçükarslan A., İstanbul Yüksek Enerji Fiziği Çalıştayı, YEFİST2015, Workshop Organization, İstanbul, Turkey
01 Ağustos 2014	Küçükarslan A., IV. International Conference on Hadron Physics, TROIA'14, Scientific Congress, Çanakkale, Turkey
09 Ekim 2013	Küçükarslan A., Molecular Electronic Structure at TROY, Workshop Organization, Çanakkale, Turkey
19 Mayıs 2013	Küçükarslan A., İzmir Yüksek Enerji Fiziği ve Uygulamaları Çalıştayı, İZYEF2013, Workshop Organization, İzmir, Turkey
18 Şubat 2013	Küçükarslan A., II.Uludağ Yüksek Enerji Fiziği Kış Okulu, ULUYEF, Workshop Organization, Bursa, Turkey
05 Şubat 2012	Küçükarslan A., I. Uludağ Yüksek Enerji Fiziği Kış Okulu, ULUYEF, Workshop Organization, Bursa, Turkey
22 Eylül 2011	Küçükarslan A., III. International Conference on Hadron Physics, TROIA'11, Scientific Congress, Çanakkale, Turkey
10 Ekim 2009	Küçükarslan A., II. International Conference on Hadron Physics, TROIA'09, Scientific Congress, Çanakkale, Turkey
30 Eylül 2007	Küçükarslan A., I. International Conference on Hadron Physics, TROIA'07, Scientific Congress, Çanakkale, Turkey
08 Temmuz 2005	Küçükarslan A., Atom-Molekül ve Çekirdek Sistemlerinin Yapıları ve Spektrumları, Workshop Organization, Çanakkale, Turkey

Metrics

Publication: 88
Citation (WoS): 111
Citation (Scopus): 119
H-Index (WoS): 6
H-Index (Scopus): 6

Artistic Activity

February 2007	Küçükarslan A., "Geçmişten..." Tasarım Sergisi
January 2005	Küçükarslan A., "Zatiberi..." The Exhibition of Costum Design
February 2004	Küçükarslan A., "10 Tıdır...Atölye Çamurdan" Ceramics Exhibition
June 2001	Küçükarslan A., "Urba-Ankaradeniz1 Costum Design Exhibition
May 1998	Küçükarslan A., A. Küçükarslan, Costume Design Exhibition
June 1997	Küçükarslan A., Burda ve Singer Dikiş ve Stilistik Yarışması
March 1997	Küçükarslan A., A. Küçükarslan, Costume Design Exhibition
July 1996	Küçükarslan A., Burda ve Singer Dikiş ve Stilistik Yarışması

Entrepreneurship Activities

2016 - Continues

Limited, CAVESTEK ARGE VE MÜHENDİSLİK MAKİNE SAN. TİC. LTD. ŞTİ., 01 April 2016,
Co-Founder

Non Academic Experience

2016 - Continues

CAVESTEK ARGE VE MÜHENDİSLİK MAKİNE SANAYİ VE TİCARET LTD. ŞTİ., Şirket Ortağı

1998 - 2003

Küçükarslanlar Bakır Çinko Sanayi ve Ticaret A.Ş., Pazarlama Bölümü