

ÖZGEÇMİŞ

1. Adı Soyadı: Kazem Azizi

2. Doğum Tarihi: 07.08.1973

3. Unvanı: Prof. Dr.

4. Öğrenim Durumu:

Derece	Alan	Üniversite	Yıl
Lisans	Applied physics	Tabriz university-Tabriz-Iran	1996
Y. Lisans	Physics	Sharif university of technology-Tehran-Iran	1998
Doktora	Yüksek enerji fiziği	ODTÜ-Ankara-Türkiye	2009

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : 2009

Doçentlik Tarihi : 2011

Profesörlük Tarihi : 2016

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

- 1) Yağmur Erkuzu (Istanbul University)
- 2) Soudeh Zarehpour (Shiraz University)
- 3) Saeedeh Rostami (Shiraz University)

6.2. Doktora Tezleri

- 1) A. Nihan İmrem Katırcı (Boğaziçi University)
- 2) Reza Khosravi (Shiraz University)
- 3) Alireza Olamaei (Shiraz University)
- 4) A. T. Olgun (Istanbul University)

- 5) Z. Tavukoğlu (Istanbul University)
- 6) A. Türkan (Kocaeli University)
- 7) Neşe Yinelek (Kocaeli University)
- 8) S. Şahin (Kocaeli University-CERN)
- 9) Birten Barsbay (Kocaeli University)

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

1	T.M. Aliev, K. Azizi, M. Savcı <i>Analysis of the rare $B \rightarrow K^*_0(1430)l^+l^-$ decay within QCD sum rules</i> <i>Phys. Rev. D</i> 76, 074017 (2007)
2	T.M. Aliev, K. Azizi, A. Ozpineci <i>Semileptonic $B_s \rightarrow D_{sJ}(2460)l^+\nu$ decay in QCD</i> <i>Eur. Phys. J. C</i> 51, 593 (2007)
3	K. Azizi, V. Bashiry <i>QCD sum rules analysis of the radiative $B_c \rightarrow D^*_s \gamma$ decay</i> <i>Phys. Rev. D</i> 76, 114007 (2007)
4	V. Bashiry, K. Azizi <i>The Effects of fourth generation on the total branching ratio and the lepton polarization in $\Lambda_b \rightarrow \Lambda l^+l^-$ decay</i> <i>JHEP</i> 0707, 064 (2007)
5	T.M. Aliev, K. Azizi, A. Ozpineci <i>Light cone QCD sum rules analysis of the axial $N \rightarrow \Delta$ transition form-factors</i> <i>Nucl. Phys. A</i> 799, 105 (2008)
6	V. Bashiry, S. M. Zebarjad, F. Falahati, K. Azizi <i>The Effects of Fourth Generation on the Double Lepton Polarization in $B \rightarrow Kl^+l^-$ Decay</i> <i>J. Phys. G</i> 35, 065005 (2008)
7	T. M. Aliev, K. Azizi, A. Ozpineci, M. Savcı <i>Nucleon Electromagnetic Form Factors in QCD</i> <i>Phys. Rev. D</i> 77, 114014 (2008)
	T. M. Aliev, K. Azizi, A. Ozpineci

8	<i>Magnetic Moments of Heavy Ξ_Q Baryons in Light Cone QCD Sum Rules</i> <i>Phys. Rev. D 77, 114006 (2008)</i>
9	K. Azizi <i>QCD Sum Rules Study of the Semileptonic $B_s(B) \rightarrow D_s(D) l \nu$ decays</i> <i>Nucl. Phys. B 801, 70 (2008)</i>
10	K. Azizi, M. Bayar <i>Semileptonic $B_q \rightarrow D_q^* l \nu$ decays in QCD Sum Rules</i> <i>Phys. Rev. D 78, 054011 (2008)</i>
11	K. Azizi, , F. Falahati, V. Bashiry, S.M. Zebarjad <i>Analysis of the Rare B_c to $D_{s,d}^* l^+ l^-$ Decays in QCD</i> <i>Phys. Rev. D 77, 114024 (2008)</i>
12	K. Azizi, R. Khosravi, V. Bashiry <i>QCD sum rules analysis of the rare $B_c \rightarrow X \nu \bar{\nu}$ decays</i> <i>Eur. Phys. J. C 56, 357 (2008)</i>
13	K. Azizi, R. Khosravi <i>Analysis of the rare Semileptonic $B_c \rightarrow P(D, D_s) \nu \bar{\nu}$ decay within QCD</i> <i>Phys. Rev. D 78, 036005 (2008)</i>
14	V. Bashiry, M. Bayar, K. Azizi <i>Double-Lepton Polarization Asymmetries and Polarized Forward Backward Asymmetries in the $b \rightarrow s l^+ l^-$ Decays in a Single Universal Extra Dimension Scenario</i> <i>Phys. Rev. D 78, 035010 (2008)</i>
15	N. Ghahramani, R. Khosravi, K. Azizi <i>Semileptonic $B_c \rightarrow D^* l \nu$ transition in QCD sum rules and heavy quark effective theory with gluon condensate corrections</i> <i>Phys. Rev. D 78, 116009 (2008)</i>
16	T.M. Aliev, K. Azizi, A. Ozpineci <i>Mass and magnetic moments of the heavy flavored baryons with $J^P = 3/2^+$ in light cone QCD sum rules</i> <i>Nucl. Phys. B 808, 137 (2009)</i>
17	K. Azizi <i>Magnetic dipole, electric quadrupole and magnetic octupole moments of Delta baryons in light cone QCD sum rules</i> <i>Eur. Phys. J. C 61, 311 (2009)</i>

18	M. Bayar, K. Azizi <i>Asymmetry parameter of K_1 by analyzing $B \rightarrow K_1(1270,1400) \nu \bar{\nu}$ transition form factors within QCD</i> <i>Eur. Phys. J. C 61, 401 (2009)</i>
19	K. Azizi, M. Bayar, A. Ozpineci <i>$\Sigma_Q A_Q \pi$ coupling constant in light cone QCD sum rules</i> <i>Phys. Rev. D 79, 056002 (2009)</i>
20	R. Khosravi, K. Azizi, N. Ghahramany <i>Semileptonic $D_q \rightarrow K_1 l \nu$ and nonleptonic $D \rightarrow K_1 \pi$ decays in three--point QCD sum rules and factorization approach</i> <i>Phys. Rev. D 79, 036004 (2009)</i>
21	T.M. Aliev, K. Azizi, A. Ozpineci <i>Radiative decays of the heavy flavored spin 3/2 baryons to spin 1/2 baryons in light cone QCD sum rules approaches</i> <i>Phys. Rev. D 79, 056005 (2009)</i>
22	K. Azizi, H. Sundu, M. Bayar <i>Semileptonic B_c to P-Wave Charmonia (X_{c0}, X_{c1}, h_c) Transitions within QCD Sum Rules</i> <i>Phys. Rev. D 79, 116001 (2009)</i>
23	R. Khosravi, K. Azizi, M. Ghanaatian, F. Falahati <i>Investigation of the D_{s1} structure via B_c to $D_{s1} l^+ l^- (\nu \bar{\nu})$ transitions in QCD</i> <i>J. Phys. G 36, 095003 (2009)</i>
24	K. Azizi, M. Bayar, A. Ozpineci, Y. Sarac <i>Tree Level Semileptonic Σ_b to Nucleon Decay in Light Cone QCD Sum Rules</i> <i>Phys. Rev. D 80, 036007 (2009)</i>
25	T. M. Aliev, K. Azizi, M. Savci, <i>Electric Quadrupole and Magnetic Octupole Moments of the Light Decuplet Baryons Within Light Cone QCD Sum Rules</i> <i>Phys. Lett. B 681, 240 (2009)</i>
26	T. M. Aliev, K. Azizi, A. Ozpineci, M. Savci <i>Pseudoscalar-meson decuplet-baryon coupling constants in light cone QCD</i> <i>Phys. Rev. D 80, 096003 (2009)</i>

27	K. Azizi, M. Bayar, , Y. Sarac, H. Sundu <i>Semileptonic $\Lambda_{b,c}$ to Nucleon Transitions in Full QCD at Light Cone</i> <i>Phys. Rev. D</i> 80, 096007 (2009)
28	K. Azizi , R. Khosravi, F. Falahati <i>Analysis of the $B_q \rightarrow D_q (D_q^*) P$ and $B_q \rightarrow D_q (D_q^*) V$ decays within the factorization approach in QCD</i> <i>International Journal of Modern Physics A</i> , 24, 5819 (2009)
29	V. Bashiry, K. Azizi <i>Forward-backward Asymmetry and Branching Ratio of $B \rightarrow K_1 l^+ l^-$ Transition in Supersymmetric Models</i> <i>JHEP</i> 01, 033 (2010)
30	T.M. Aliev, K. Azizi, V. Bashiry <i>On the Mass and Decay Constant of $K_2^*(1430)$ Tensor Meson</i> <i>e-Print: arXiv:0909.2412[hep-ph]</i> <i>J. Phys. G</i> 37, 025001 (2010)
31	T. M. Aliev, K. Azizi, M. Savcı <i>Magnetic dipole moment of the light tensor mesons in light cone QCD sum rules</i> <i>J. Phys. G</i> 37, 075008 (2010)
32	K. Azizi, M. Bayar, M. T. Zeyrek <i>Flavor Changing Natural Current Transition of the Σ_Q to Nucleon in Full QCD and Heavy Quark Effective Theory</i> <i>J. Phys. G</i> 37, 085002 (2010)
33	T.M. Aliev, K. Azizi, M. Savcı <i>Analysis of the $\Lambda_b \rightarrow \Lambda l^+ l^-$ decay in QCD</i> <i>Phys. Rev. D</i> 81, 056006 (2010)
34	E.V. Veliev, H. Sundu, K. Azizi, M. Bayar <i>Scalar Quarkonia at Finite Temperature</i> <i>Phys. Rev. D</i> 82, 056012 (2010)
35	T. M. Aliev, K. Azizi, M. Savcı <i>Heavy χ_{Q2} tensor mesons in QCD</i> <i>Phys. Lett. B</i> 690, 164 (2010)
36	T.M. Aliev, K. Azizi, M. Savcı

	<i>Strong transitions of decuplet to octet baryons and pseudoscalar mesons</i> <i>Nucl. Phys. A 847, 101 (2010)</i>
37	K. Azizi, N. Er <i>$B \rightarrow D (D^*) e \bar{\nu}_e$ transitions at finite temperature in QCD</i> <i>Phys. Rev. D 81, 096001 (2010)</i>
38	H. Dag, K. Azizi, V. Bashiry <i>Investigation of P-wave scalar and S-wave pseudo-scalar charmonia semileptonic transitions to the $D_s(D)$ meson in QCD</i> <i>J. Phys. G 37, 075005 (2010)</i>
39	T.M. Aliev, K. Azizi, M. Savcı <i>Strong Coupling Constants of Decuplet Baryons with Vector Mesons</i> <i>Phys. Rev. D 82, 096006 (2010)</i>
40	K. Azizi, M. Bayar, A. Ozpineci, Y. Sarac <i>The $g_{\Sigma Q \Sigma Q \pi}$ Coupling Constant via Light Cone QCD Sum Rules</i> <i>Phys. Rev. D 82, 076004 (2010)</i>
41	K. Azizi, M. Bayar, , Y. Sarac, H. Sundu <i>FCNC transitions of $\Lambda_{b,c}$ to nucleon in SM</i> <i>J. Phys. G 37, 115007 (2010)</i>
42	K. Azizi, R. Khosravi, F. Falahati <i>Rare Semileptonic B_s Decays to η and η' mesons in QCD</i> <i>Phys. Rev. D 82, 116001 (2010)</i>
43	T.M. Aliev, K. Azizi, M. Savcı, <i>Heavy baryon-light vector meson couplings in QCD</i> <i>Nucl. Phys. A 852, 141 (2011)</i>
44	T.M. Aliev, K. Azizi, , M. Savcı, <i>Strong coupling constants of light pseudoscalar mesons with heavy baryons in QCD</i> <i>Phys. Lett. B 696, 220 (2011)</i>
45	B. B. Sirvanli, K. Azizi, , Y. Ipekoglu, <i>Double-Lepton Polarization Asymmetries and Branching Ratio in $B \rightarrow K^*_0(1430) l^+ l^-$ transition from Universal Extra Dimension Model.</i>

	<i>JHEP 1101, 069 (2011)</i>
46	K. Azizi, N. Katirci <i>Investigation of the $A_b \rightarrow A l^+ l^-$ transition in universal extra dimension using form factors from full QCD</i> <i>JHEP 1101, 087 (2011)</i>
47	K. Azizi, H. Sundu, $g_{\{D_s^* D K^*(892)\}}$ and $g_{\{B_s^* B K^*(892)\}}$ coupling constants in QCD sum rules <i>J. Phys. G: Nucl. Part. Phys.</i> , 38, 045005 (2011)
48	V. Bashiry, M. Bayar, K. Azizi <i>A comparative study on $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K_0^*(1430) \ell^+ \ell^-$ decays in Supersymmetric Models</i> <i>Mod. Phys. Lett. A</i> 26, 901 (2011)
49	K. Azizi, R. Khosravi, F. Falahati <i>Exclusive $D_s \rightarrow (\eta, \eta') l \nu$ decays in light cone QCD</i> <i>J. Phys. G</i> 38, 095001 (2011)
50	T. M. Aliev, K. Azizi, M. Savcı <i>Spin--3/2 to spin--1/2 heavy baryons and pseudoscalar mesons transitions in QCD</i> <i>Eur. Phys. J. C</i> 71, 1675 (2011)
51	T. M. Aliev, K. Azizi, M. Savcı, V. S. Zamiralov <i>Analysis of heavy spin-3/2 baryon-heavy spin-1/2 baryon-light vector meson vertices in QCD</i> <i>Phys. Rev. D</i> 83, 096007 (2011)
52	H. Sundu, J. Y. Sungu, S. Sahin, N. Yinelek, K. Azizi <i>Strong coupling constants of bottom and charmed mesons with scalar, pseudoscalar and axial vector kaons</i> <i>Phys. Rev. D</i> 83, 114009 (2011)
53	E. Veli Veliev, K. Azizi, H. Sundu, G. Kaya, A. Turkan <i>Thermal QCD Sum Rules Study of Vector Charmonium and Bottomonium States</i> <i>Eur. Phys. J. A</i> 47, 110 (2011)
54	V. Bashiry, K. Azizi, S. Sultansoy <i>Masses and decay constants of bound states containing fourth family quarks from QCD sum rules</i>

	<i>Phys. Rev. D 84, 036006 (2011)</i>
55	N. Katirci, K. Azizi <i>B to strange tensor meson transition in a model with one universal extra dimension</i> <i>JHEP 1107, 043 (2011)</i>
56	T. M. Aliev, K. Azizi, M. Savcı <i>Vertices of the heavy spin-3/2 sextet baryons with light vector mesons in QCD</i> <i>Eur. Phys. J. A 47, 125 (2011)</i>
57	T. M. Aliev, K. Azizi, M. Savcı <i>Nucleon tensor form factors induced by isovector and isoscalar currents in QCD</i> <i>Phys.Rev. D 84, 076005 (2011)</i>
58	T. M. Aliev, K. Azizi, M. Savcı <i>Strong coupling constants of heavy spin--3/2 baryons with light pseudoscalar mesons</i> <i>Nucl. Phys. A 870, 58 (2011)</i>
59	E. Veli Veliev, K. Azizi, H. Sundu, N. Aksit <i>Investigation of heavy-heavy pseudoscalar mesons in thermal QCD Sum Rules</i> <i>J. Phys. G 39, 015002 (2012)</i>
60	K. Azizi, Y. Sarac, H. Sundu <i>Light cone QCD sum rules study of the semileptonic heavy Ξ_Q and Ξ'_Q transitions to Ξ and Σ baryons</i> <i>Eur. Phys. J. A 48, 2 (2012)</i>
61	V. Bashiry, K. Azizi <i>Systematic analysis of the $B_s \rightarrow f_0 \ell^+ \ell^-$ in the universal extra dimension</i> <i>JHEP 1202, 021 (2012)</i>
62	K. Azizi, N. K. Pak, B. B. Şirvanlı <i>Double-Lepton Polarization Asymmetries and Branching Ratio of the $B \rightarrow \gamma l^+ l^-$ transition in Universal Extra Dimension</i> <i>JHEP 1202, 034 (2012)</i>
63	K. Azizi, M. Bayar, A. Özpıneci, Y. Sarac, H. Sundu <i>Semileptonic transition of Σ_b to Σ in Light Cone QCD Sum Rules</i> <i>Phys. Rev. D 85, 016002 (2012)</i>
64	K. Azizi, N. Katirci <i>Analysis of $\Lambda_b \rightarrow \Lambda \ell^+ \ell^-$ Transition in SM4 using Form Factors from Full QCD</i>

	<i>Eur. Phys. J. A 48, 73 (2012)</i>
65	K. Azizi, S. Kartal, N. Katirci, A. T. Olgun, Z. Tavukoglu <i>Constraint on compactification scale via recently observed baryonic $\Lambda_b \rightarrow \Lambda \ell^+ \ell^-$ channel and analysis of the $\Sigma_b \rightarrow \Sigma \ell^+ \ell^-$ transition in SM and UED scenario</i> <i>JHEP 1205 (2012) 024</i>
66	K. Azizi, S. Kartal, A. T. Olgun, Z. Tavukoglu <i>Comparative analysis of the semileptonic $\Lambda_b \rightarrow \Lambda \ell^+ \ell^-$ transition in SM and different SUSY scenarios using form factors from full QCD</i> <i>JHEP 10 (2012) 118</i>
67	T. M. Aliev, K. Azizi, M. Savci <i>Mixing angle of doubly heavy baryons in QCD</i> <i>Phys. Lett. B 715, 149 (2012)</i>
68	K. Azizi, H. Sundu, J. Y. Sungu <i>Semileptonic transition of P wave bottomonium $\chi_{b0}(1P)$ to B_c meson</i> <i>Eur. Phys. J. A 48, 108 (2012)</i>
69	H. Sundu, K. Azizi <i>Mass and meson-current coupling constant of the tensor $D^*_2(2460)$</i> <i>Eur. Phys. J. A 48, 81 (2012)</i>
70	T. M. Aliev, K. Azizi, M. Savci <i>Doubly Heavy Spin--1/2 Baryon Spectrum in QCD</i> <i>Nucl. Phys. A 895, 59 (2012)</i>
71	T. M. Aliev, K. Azizi, M. Savci <i>The masses and residues of doubly heavy spin-3/2 Baryons</i> <i>J. Phys. G: Nucl. Part. Phys. 40 065003, (2013)</i>
72	T. M. Aliev, K. Azizi, M. Savci <i>Electromagnetic form factors of octet baryons in QCD</i> <i>Phys. Lett. B 723, 145 (2013)</i>
73	K. Azizi, N. Ghahramani and A. R. Olamaei <i>Rare Radiative $B_c \rightarrow D_{s1}(2460)\gamma$ Transition in QCD</i> <i>Phys. Rev. D 87, 016013 (2013)</i>
74	K. Azizi and S. Rostami <i>Exploring the electromagnetic form factors of the scalar $K_0(1430)$, $f_0(1500)$ and $a_0(1450)$ mesons in light-cone sum rules</i>

	<i>Phys. Rev. D</i> 87, 096016 (2013)
75	K. Azizi, H. Sundu and S. Şahin <i>Investigation of the semileptonic transition of the B into the orbitally excited charmed tensor meson</i> <i>Phys. Rev. D</i> 88, 036004 (2013)
76	N. Katırcı and K. Azizi <i>Semileptonic transition of $\Sigma_b \rightarrow \Sigma \mu^+ \mu^-$ in the family non-universal Z' model</i> <i>J. Phys. G: Nucl. Part. Phys.</i> 40 085005 (2013)
77	T. M. Aliev, K. Azizi, M. Savci <i>Masses and residues of the triply heavy spin-1/2 baryons</i> <i>JHEP</i> 04 (2013) 042
78	T. M. Aliev, K. Azizi, M. Savci <i>Analysis of $\gamma^* \Lambda \rightarrow \Sigma^0$ transition in QCD</i> <i>Phys. Rev. D</i> 87, 096013 (2013)
79	K. Azizi, S. Kartal, A. T. Olgun and Z. Tavukoğlu <i>Analysis of the radiative $\Lambda_b \rightarrow \Lambda \gamma$ transition in the standard model and scenarios with one or two universal extra dimensions</i> <i>Phys. Rev. D</i> 88, 015030 (2013)
80	K. Azizi, H. Sundu, J.Y. Süngü and N. Yinelek <i>Properties of $D_{s2}(2573)$ charmed-strange tensor meson</i> <i>Phys. Rev. D</i> 88, 036005 (2013), Erratum <i>Ibid. D</i> 88 (2013) 099901
81	E. Yazici, E. Veli Veliev, K. Azizi, H. Sundu <i>Investigation of the $D_s^* D_s \eta(')$ and $B_s^* B_s \eta(')$ vertices via QCD sum rules</i> <i>Eur. Phys. J. Plus</i> 128 (2013) 113
82	K. Azizi, S. Kartal, A. T. Olgun and Z. Tavukoğlu <i>Analysis of the semileptonic $\Lambda_b \rightarrow \Lambda \ell^+ \ell^-$ transition in the topcolor-assisted technicolor model</i> <i>Phys. Rev. D</i> 88, 075007 (2013)
83	K. Azizi, Y. Sarac, H. Sundu <i>Investigation of the $B_c \rightarrow \chi_{c2} l \nu^-$ transition via QCD sum rules</i> <i>Eur. Phys. J. C</i> 73 (2013) 2638
84	K. Azizi, H. Sundu, A. Turkan, E. Veli Veliev

	<i>Thermal properties of $D^*_2(2460)$ and $D^*_{s2}(2573)$ tensor mesons using QCD sum rules</i> <i>J. Phys. G41 (2014) 035003</i>
85	K. Azizi, N. Er <i>Properties of nucleon in nuclear matter: once more</i> <i>Eur. Phys. J. C74 (2014) 2904</i>
86	T. M. Aliev, K. Azizi, M. Savci <i>Magnetic moments of Ξ'_Q-Ξ_Q transitions in light cone QCD</i> <i>Phys. Rev. D 89 (2014) 053005</i>
87	K. Azizi, Y. Sarac, H. Sundu <i>Analysis of the strong $D^*_2(2460) \rightarrow D^+ \pi^-$ and $D^*_{s2}(2573) \rightarrow D^+ K^0$ transitions via QCD sum rules</i> <i>Eur. Phys. J. C74 (2014) 3106</i>
88	T. M. Aliev, K. Azizi, M. Savci <i>Properties of triply heavy spin-3/2 baryons</i> <i>J. Phys. G41 (2014) 065003</i>
89	K. Azizi, N. Er, H. Sundu <i>More about the B and D mesons in nuclear matter</i> <i>Eur. Phys. J. C74 (2014) 3021</i>
90	K. Azizi, S. Kartal, A. T. Olgun, Z. Tavukoglu <i>Radiative $\Sigma b \rightarrow \Sigma \gamma$ decay in SM and BSM</i> <i>J. Phys. G41 (2014) 095006</i>
91	E. V. Veliev, K. Azizi, H. Sundu, G. Kaya <i>Thermal Properties of the Heavy Axial Vector Quarkonia</i> <i>Rom. J. Phys. 59-63 (2014) 140</i>
92	K. Azizi, Y. Sarac, H. Sundu <i>Strong $\Lambda_b NB$ and $\Lambda_c ND$ vertices</i> <i>Phys. Rev. D90 (2014) 114011</i>
93	J. Y. Sungu, H. Sundu, K. Azizi <i>Semileptonic Transition of Tensor $\chi_{c2}(1P)$ to D_s Meson</i> <i>Adv. High Energy Phys. 2014 (2014) 252795</i>
94	K. Azizi, N. Er, H. Sundu <i>Semileptonic $B \rightarrow \bar{D}$ transition in a nuclear medium</i> <i>PHYSICAL REVIEW D 91, 034026 (2015)</i>

95	K. Azizi, A. Türkan, E. Veli Veliev, H. Sundu <i>Thermal Properties of Light Tensor Mesons via QCD Sum Rules</i> <i>Advances in High Energy Physics Volume 2015, Article ID 794243 (2015)</i>
96	T. M. Aliev, K. Azizi, H. Sundu <i>Radiative $\Omega^*_Q \rightarrow \Omega_Q \gamma$ and $\Xi^*_Q \rightarrow \Xi'_Q \gamma$ transitions in light cone QCD</i> <i>Eur. Phys. J. C (2015) 75:14</i>
97	K. Azizi, H. Sundu, S. Sahin <i>Semileptonic $B_s \rightarrow D^*_{s2}(2573) \ell \bar{\nu}_\ell$ transition in QCD</i> <i>Eur.Phys.J. C75 (2015) 197</i>
98	K. Azizi, Y. Sarac, H. Sundu <i>Strong $\Sigma_b NB$ and $\Sigma_c ND$ coupling constants in QCD</i> <i>Nucl.Phys. A943 (2015) 159</i>
99	K. Azizi, G. Kaya <i>Modifications on nucleon parameters at finite temperature</i> <i>Eur.Phys.J.Plus 130 (2015) 172</i>
100	K. Azizi, H. Sundu <i>Radiative transition of negative to positive parity nucleon</i> <i>Phys.Rev. D91 (2015) 093012</i>
101	T. M. Aliev, K. Azizi, T. Barakat, M. Savci <i>Diagonal and transition magnetic moments of negative parity heavy baryons in QCD sum rules</i> <i>Phys.Rev. D92 (2015) 036004</i>
102	K. Azizi, Y. Sarac, H. Sundu <i>Strong couplings of negative and positive parity nucleons to the heavy baryons and mesons</i> <i>Phys.Rev. D92 (2015) 014022</i>
103	K. Azizi, N. Er, H. Sundu <i>Positive and negative parity hyperons in nuclear medium</i> <i>Phys.Rev. D92 (2015) 054026</i>
104	S. S. Agaev, K. Azizi, H. Sundu <i>Strong $D^*_s D_s \eta^{(\prime)}$ and $B^*_s B_s \eta^{(\prime)}$ vertices from QCD light-cone sum rules</i> <i>Phys.Rev. D92 (2015) 116010</i>

105	K. Azizi, A. T. Olgun, Z. Tavukoglu <i>Comparative analysis of the $\Lambda_b \rightarrow \Lambda \ell^+ \ell^-$ decay in the SM, SUSY and RS model with custodial protection</i> <i>Phys.Rev. D92 (2015) 115025</i>
106	K. Azizi, N. Katirci <i>QCD nature of dark energy at finite temperature: cosmological implications</i> <i>Eur.Phys.J.Plus 131 (2016) no.5, 163</i>
107	K. Azizi, G. Kaya <i>Thermal behavior of the mass and residue of hyperons</i> <i>J.Phys. G43 (2016) no.5, 055002</i>
108	K. Azizi, Y. Sarac, H. Sundu <i>On the strong coupling $N^{(*)} N^{(*)} \pi$</i> <i>Eur.Phys.J. A52 (2016) no.4, 114</i>
109	S. S. Agaev, K. Azizi, H. Sundu <i>Strong $Z_{c^+}(3900) \rightarrow J/\psi \pi^+; \eta_c \rho^+$ decays in QCD</i> <i>Phys.Rev. D93 (2016) no.7, 074002</i>
110	K. Azizi, H. Sundu, J. Y. Süngü, N. Yinelek <i>Transition Form Factors of $\chi_{b2}(1P) \rightarrow B_c \bar{l} \nu$ in QCD</i> <i>Adv.High Energy Phys. 2016 (2016) 4692341</i>
111	S. S. Agaev, K. Azizi, H. Sundu <i>Mass and decay constant of the newly observed exotic $X(5568)$ state</i> <i>Phys.Rev. D93 (2016) no.7, 074024</i>
112	S. S. Agaev, K. Azizi, H. Sundu <i>Width of the exotic $X_b(5568)$ state through its strong decay to $B_s^0 \pi^+$</i> <i>Phys.Rev. D93 (2016) no.11, 114007</i>
113	S. S. Agaev, K. Azizi, H. Sundu <i>Charmed partner of the exotic $X(5568)$ state and its properties</i> <i>Phys.Rev. D93 (2016) no.9, 094006</i>
114	S. S. Agaev, K. Azizi, H. Sundu <i>Application of the QCD light cone sum rule to tetraquarks: the strong vertices $X_b X_b \rho$ and $X_c X_c \rho$</i> <i>Phys.Rev. D93 (2016) no.11, 114036</i>
115	S. S. Agaev, K. Azizi, H. Sundu

	<i>Exploring $X(5568)$ as a meson molecule</i> <i>Eur. Phys. J. Plus 131 (2016) no.10, 351</i>
116	K. Azizi, G. Bozkır <i>Decuplet baryons in a hot medium</i> <i>Eur.Phys.J. C76 (2016) no.10, 521</i>
117	K. Azizi, N. Er and H. Sundu <i>Impact of finite density on spectroscopic parameters of decuplet baryons</i> <i>Phys. Rev. D94 (2016) no.11, 114002</i>
118	K. Azizi, H. Sundu <i>Mass and magnetic dipole moment of negative parity heavy baryons with spin--3/2</i> <i>Eur.Phys.J.Plus 132 (2017) no.1, 22</i>
119	K. Azizi, N. Er and H. Sundu <i>Scalar and vector self-energies of heavy baryons in nuclear medium</i> <i>Nucl.Phys. A960 (2017) 147</i>
120	S. S. Agaev, K. Azizi, B. Barsbay, H. Sundu <i>Resonance $X(5568)$ as an exotic axial-vector state</i> <i>Eur.Phys.J. A53 (2017) no.1, 11</i>
121	S. S. Agaev, K. Azizi, H. Sundu <i>Open charm-bottom scalar tetraquarks and their strong decays</i> <i>Phys.Rev. D95 (2017) no.3, 034008</i>
122	T. M. Aliev, K. Azizi, H. Sundu <i>Radial Excitations of the Decuplet Baryons</i> <i>Eur.Phys.J. C77 (2017) no.4, 222</i>
123	K. Azizi, Y. Sarac and H. Sundu <i>Analysis of $P_c(4380)$ and $P_c(4450)$ as pentaquark states in the molecular picture with QCD sum rules</i> <i>Phys.Rev. D95 (2017) no.9, 094016</i>
124	S. S. Agaev, K. Azizi, H. Sundu <i>Open charm-bottom axial-vector tetraquarks and their properties</i> <i>Eur.Phys.J. C77 (2017) no.5, 321</i>
125	S. S. Agaev, K. Azizi, H. Sundu <i>Exploring the resonances $X(4140)$ and $X(4274)$ through their decay channels</i> <i>Phys.Rev. D95 (2017) no.11, 114003</i>

126	S. S. Agaev, K. Azizi, H. Sundu <i>Interpretation of the new Ω_c^0 states via their mass and width</i> <i>Eur.Phys.J. C77 (2017) no.6, 395</i>
127	K. Azizi, A. T. Olgun, Z. Tavukoğlu, <i>Impact of Scalar Leptoquarks on Heavy Baryonic Decays</i> <i>Advances in High Energy Physics, Volume 2017, 7435876 (2017)</i>
128	S. S. Agaev, K. Azizi, H. Sundu <i>On the nature of the newly discovered Ω states</i> <i>EPL 118 (2017) no.6, 61001</i>
129	S. S. Agaev, K. Azizi, H. Sundu <i>Treating $Z_c(3900)$ and $Z(4430)$ as the ground-state and first radially excited tetraquarks</i> <i>Phys.Rev. D 96 (2017) no.3, 034026</i>
130	U. Özdem, K. Azizi, <i>Magnetic and quadrupole moments of the $Z_c(3900)$</i> <i>Phys. Rev. D 96 (2017) no.7, 074030</i>
131	S. S. Agaev, K. Azizi, H. Sundu <i>Spectroscopic parameters and decays of the resonance $Z_b(10610)$</i> <i>Eur. Phys. J. C77 (2017) no.12, 836</i>
132	S. S. Agaev, K. Azizi, H. Sundu <i>Decay widths of the excited Ω_b baryons</i> <i>Phys. Rev. D 96 (2017) no.9, 094011</i>
133	K. Azizi, Y. Sarac, H. Sundu <i>Hidden Bottom Pentaquark States with Spin 3/2 and 5/2</i> <i>Phys. Rev. D 96 (2017) no.9, 094030</i>
134	K. Azizi, N. Er, <i>Properties of Σ_Q^*, Ξ_Q^* and Ω_Q^* heavy baryons in cold nuclear matter</i> <i>Nucl. Phys. A 970 (2018) 422</i>
135	U. Ozdem, K. Azizi, <i>Magnetic dipole moment of $Z_b(10610)$ in light-cone QCD</i> <i>Phys. Rev. D 97 (2018) no.1, 014010</i>

136	K. Azizi, B. Barsbay, H. Sundu <i>Mass and residue of $\Lambda(1405)$ as hybrid and excited ordinary baryon</i> <i>Eur. Phys. J. Plus 133 (2018) no.3, 121</i>
137	K. Azizi, U. Ozdem <i>The electromagnetic multipole moments of the charged open-flavor Z_{cq} states</i> <i>J. Phys. G 45 (2018) no.5, 055003</i>
138	S. S. Agaev, K. Azizi, H. Sundu <i>Testing the doubly charged charm–strange tetraquarks</i> <i>Eur. Phys. J. C 78 (2018) no.2, 141</i>
139	H. Sundu, S. S. Agaev, K. Azizi <i>New $a_1(1420)$ state: Structure, mass, and width</i> <i>Phys. Rev. D 97 (2018) no.5, 054001</i>
140	K. Azizi, J. Y. S�ng� <i>Semileptonic $A_b \rightarrow A_c \ell \nu$ Transition in Full QCD</i> <i>Phys. Rev. D 97 (2018) no.7, 074007</i>
141	S. S. Agaev, K. Azizi, H. Sundu <i>The structure, mixing angle, mass and couplings of the light scalar $f_0(500)$ and $f_0(980)$ mesons</i> <i>Phys. Lett. B 781 (2018) 279-282</i>
142	U. �zdem, K. Azizi <i>Electromagnetic multipole moments of the $P_c^{++}(4380)$ pentaquark in light-cone QCD</i> <i>Eur. Phys. J. C 78, no. 5, 379 (2018)</i>
143	T. M. Aliev, K. Azizi, H. Sundu <i>Analysis of the structure of $\Xi(1690)$ through its decays</i> <i>Eur. Phys. J. C 78, no. 5, 396 (2018)</i>
144	K. Azizi, Y. Sarac, H. Sundu <i>Strong decay of $P_c(4380)$ pentaquark in a molecular picture</i> <i>Phys. Lett. B 782, 694 (2018)</i>
145	S. S. Agaev, K. Azizi, H. Sundu <i>The strong decays of the light scalar mesons $f_0(500)$ and $f_0(980)$</i>

	<i>Phys. Lett. B</i> 784 (2018) 266-270
146	H. Sundu, B. Barsbay, S. S. Agaev, K. Azizi <i>Probing an axial-vector tetraquark Z_{s} via its semileptonic decay $Z_{s} \rightarrow X(4274) \overline{l} \nu_l$</i> <i>Eur. Phys. J. A</i> 54 (2018) no.7, 124
147	T. M. Aliev, K. Azizi, Y. Sarac, H. Sundu <i>Interpretation of the newly discovered $\Omega(2012)$</i> <i>Phys. Rev. D</i> 98 (2018) no.1, 014031
148	K. Azizi, U. Özdem <i>The electromagnetic multipole moments of the possible charm-strange pentaquarks in light-cone QCD</i> <i>Eur. Phys. J. C</i> 78 (2018) no.9, 698
149	T. M. Aliev, K. Azizi, H. Sundu <i>On the nature of $\Xi_c(2930)$</i> <i>Eur. Phys. J. A</i> 54 (2018) no.9, 159
150	K. Azizi, A. R. Olamaei, S. Rostami <i>Beautiful mathematics for beauty-full and other multi-heavy hadronic systems</i> <i>Eur.Phys.J. A</i> 54 (2018) no.9, 162
151	H. Sundu, S. S. Agaev, K. Azizi <i>Resonance $Y(4660)$ as a vector tetraquark and its strong decay channels</i> <i>Phys.Rev. D</i> 98 (2018) no.5, 054021
152	K. Azizi, N. Er <i>$X(3872)$: propagating in a dense medium</i> <i>Nuclear Physics B</i> 936 (2018) 151–168
153	T. M. Aliev, K. Azizi, Y. Sarac, H. Sundu <i>Nature of the $\Omega(2012)$ through its strong decays</i> <i>Eur.Phys.J. C</i> 78 (2018) no.11, 894
154	T. M. Aliev, K. Azizi, Y. Sarac, H. Sundu <i>Structure of the $\Xi_b(6227)^-$ resonance</i> <i>Phys.Rev. D</i> 98 (2018) no.9, 094014
155	K. Azizi, Y. Sarac, H. Sundu

	<i>Possible Molecular Pentaquark States with Different Spin and Quark Configurations</i> <i>Phys.Rev. D98 (2018) no.5, 054002</i>
156	S. S. Agaev, K. Azizi, B. Barsbay, H. Sundu <i>The doubly charmed pseudoscalar tetraquarks $T_{cc;\bar{s}\bar{s}}^{++}$ and $T_{cc;\bar{d}\bar{s}}^{++}$</i> <i>Nucl.Phys. B939 (2019) 130-144</i>
157	K. Azizi, J. Y. Sng <i>On the mass and decay constant of the P-wave ground and radially excited h_c and h_b axial-vector mesons</i> <i>J.Phys. G46 (2019) no.3, 035001</i>
158	S. S. Agaev, K. Azizi, H. Sundu <i>The nonet of the light scalar tetraquarks: The mesons $a_0(980)$ and $K_0^{\ast}(800)$</i> <i>Phys.Lett. B789 (2019) 405-412</i>
159	S. S. Agaev, K. Azizi, B. Barsbay, H. Sundu <i>Weak decays of the axial-vector tetraquark $T_{bb;\bar{u}\bar{d}}^{-}$</i> <i>Phys.Rev. D99 (2019) no.3, 033002</i>
160	H. Sundu, S. S. Agaev and K. Azizi <i>New charged resonance $Z_c^{\prime-}(4100)$: the spectroscopic parameters and width</i> <i>Eur.Phys.J. C79 (2019) no.3, 215</i>

7.2. Uluslararası diğerk hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1	M. Bayar, K. Azizi <i>Semileptonic $B_q \rightarrow D_q \ell \nu$ transitions in QCD</i> <i>Nuclear Physics B (Proc. Suppl.) 186, 395 (2009)</i> <i>“Proceedings of the 14th International QCD Conference (QCD 08), Montpellier, France, 7-12 July 2008”</i>
---	--

2	T. M. Aliev, K. Azizi, A. Özpineci <i>Phenomenology of the Heavy Flavored spin 3/2 Baryons in Light Cone QCD</i> Springer, Pages: 19-30 (2009) “The Proceeding of the International Conference on” New Trends in High Energy Physics”, 27 Sept.-4 Oct. 2008, Yalta, Crimea, Ukraine ”
3	J. Y. Sungu, H. Sundu, S. Sahin, N. Yinelek, K. Azizi <i>Heavy-light scalar and axial-vector mesons decay constants and masses in QCD sum rule approach</i> PoS FACESQCD:045 (2010)
4	K. Azizi, M. T. Zeyrek, M. Bayar <i>FCNC transition of Σ_Q to nucleon</i> PoS ICHEP2010:225 (2010) “Prepared for 35th International Conference on High Energy Physics: ICHEP 2010, Paris, France, 21-28 Jul 2010”
5	H. Sundu, K. Azizi, M. Bayar <i>Semileptonic B_c to P-wave charmonia transitions within QCD sum rules</i> AIP Conf.Proc.1317:298-303 (2011) “The Proceeding of the QCD @ Work 2010: International Workshop on QCD – Theory and Experiment, Martina Franca, Valle d'Itria, Italy, 20-23 Jun 2010 “
6	T. M. Aliev, K. Azizi, A. Özpineci, M. Savcı, V. S. Zamiralov <i>Baryon-baryon-meson coupling constants in QCD</i> AIP Conf.Proc.1317:108-115 (2011) “ Proceeding of the QCD @ Work 2010: International Workshop on QCD - Theory and Experiment, Martina Franca, Valle d'Itria, Italy, 20-23 Jun 2010. “
7	K. Azizi, M. T. Zeyrek, M. Bayar <i>$\Sigma(b,c)$ to nucleon transitions in light cone QCD sum rules</i> Published in AIP Conf.Proc.1343:382-384 (2011)
8	E. Veli Veliev, K. Azizi, H. Sundu, N. Aksit <i>B_c meson at finite temperature</i> Nucl. Phys. Proc. Suppl. 219, 170 (2011)
9	E. Veli Veliev, K. Azizi, H. Sundu, N. Aksit <i>The thermal properties of pseudoscalar heavy quarkonium</i> PoS EPS-HEP2011, 444 (2011)

10	E. Veli Veliev, K. Azizi, H. Sundu, G. Kaya, N. Aksit <i>Mesons spectral functions at finite temperature</i> <i>J. Phys. Conf. Ser. 348, 012016 (2012)</i>
11	E. Veli Veliev, K. Azizi, H. Sundu, G. Kaya, A. Turkan <i>Decay constants of heavy vector mesons at finite temperature</i> <i>J. Phys. Conf. Ser. 347, 012034 (2012)</i>
12	V. Bashiry, K. Azizi, S. Sultansoy <i>Properties of bound states containing fourth family quarks</i> <i>J. Phys. Conf. Ser. 347, 012027 (2012)</i>
13	J. Yılmazkaya Süngü, K. Azizi, H. Sundu <i>Transition form factors of P wave bottomonium $\chi_{b0}(1P)$ into B_c meson</i> <i>AIP Conf. Proc. 1492, 123 (2012)</i>
14	T. M. Aliev, K. Azizi, M. Savci <i>Strong coupling constants of heavy baryons with light mesons in QCD</i> <i>AIP Conf. Proc. 1492, 146 (2012)</i>
15	E. Veli Veliev, K. Azizi, H. Sundu, G. Kaya <i>Thermal Modifications of the Heavy Axial Vector Mesons Properties</i> <i>PoS ConfinementX (2012) 339</i>
16	Y. Sarac, K. Azizi, H. Sundu <i>Analysis of the semileptonic transition of heavy Ξ_Q baryon to Ξ baryon in Light Cone QCD Sum Rules</i> <i>Nucl. Phys. Proc. Suppl. 245 (2013) 164</i>
17	H. Sundu, K. Azizi, S. Sahin <i>Properties of $D^*_2(2460)$ tensor meson and semileptonic transition of $B \rightarrow D^*_2(2460) \ell \nu^-$</i> <i>Nucl. Phys. Proc. Suppl. 245 (2013) 243</i>
18	H. Sundu, K. Azizi, N. Er <i>In-medium Properties of B and D Mesons</i> <i>EPJ Web Conf. 80 (2014) 00036</i>
19	Y. Sarac, K. Azizi, H. Sundu <i>Strong $D^*_2(2460) \rightarrow D^+ \pi^-$ Transition in QCD</i> <i>EPJ Web Conf. 80 (2014) 00044</i>
20	Y. Sarac, K. Azizi, H. Sundu <i>Investigation of the $D^*_{s2}(2573) D^+ K^0$ vertex via QCD sum rules</i>

	<i>J.Phys. Conf. Ser. 562 (2014) 012004</i>
21	K. Azizi, A. Turkan, H. Sundu, E. Veli Veliev, E. Yazici <i>Thermal behaviors of light unflavored tensor mesons in the framework of QCD sum rule</i> <i>J. Phys. Conf. Ser. 562 (2014) 012016</i>
22	K. Azizi, T. M. Aliev, M. Savci <i>Properties of doubly and triply heavy baryons</i> <i>J. Phys. Conf. Ser. 556 (2014) 012016</i> <i>11th International Conference on Hyperons, Charm and Beauty Hadrons (BEACH 2014) 21-26 Jul 2014, Birmingham, United Kingdom</i>
23	K. Azizi, H. Sundu, A. Türkan, E. V. Veliev <i>Decay constants of the charmed tensor mesons at finite temperature</i> <i>AIP Conf.Proc. 1701 (2016) 060021.</i> <i>11th Conference on Quark Confinement and the Hadron Spectrum (Confinement XI) 08-12 Sep 2014. St. Petersburg, Russia</i>

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

Chapter3, Progress in High Energy Physics and Nuclear Safety, NATO Science for Peace and Security Series, Edited by Viktor Begun, Laszlo L. Jenkovszky, Aleksander Polanski, Published by Springer, 2009

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.7. Diğer yayınlar

7.8. Uluslararası atıflar

2500

8. Ulusal & Uluslararası Projeler (DPT, TÜBİTAK, AB, vb)

- Investigation of Physical Properties of Exotic Hadrons, Turkish Scientific and Technological Research Council (2015-2018)
- Investigation of X(5568) and Similar Particles, BAP Project, Doğuş University (2016-2018)

- Improving the Detectability of Exotic Hadrons at High Energy Experiments, Turkish Scientific and Technological Research Council (2014-2017)
- Investigations of the Physical Properties of B and D Mesons in Nuclear Medium, Turkish Scientific and Technological Research Council (2014-2016)
- In-medium Properties of Light Baryons, Turkish Scientific and Technological Research Council (2014-2016)
- CERN-ATLAS Project- Turkish Atomic Energy Agency (2011-2018)
- Turkish Accelerator Center Project (2010-Present)
- CERN-CMS Project- Turkish Atomic Energy Agency (June -December 2010).
- Hadronic Properties at Finite Temperature- Turkish Scientific and Technological Research Council (project number: 110T284) (2010-2012)
- Search for Neutrino Physics and Dark Matter at Low Energy and Low Signal Background Experiments Using Special Detectors and DAG Systems - Turkish Scientific and Technological Research Council (project number: 108T502) (2009-2011)
- Radiative Transitions of the Decuplet to Octet Baryons-Turkish Scientific and Technological Research Council (project number: 106T333) (2006-2008)
- European Union (Hadron Physics 2 project “Study of strongly interacting matter”-METU Branch (2007-2009)

9. İdari Görevler

2013-2016 & 2018-2019 Fen Edebiyat Fakültesi Dekan Yardımcısı

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Türk hızlandırıcı merkezi

CERN-Atlas Deneyi

PANDA-GSI-Almanya

11. Ödüller

- 1) 2010 ODTÜ-Prof Dr. Parlar “Araştırma Teşvik Ödülü”
- 2) 2008-2009 ODTÜ "Yılın En İyi Tez Ödülü"

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu

doldurunuz. •

- Different Undergraduate Courses, Department of Physics, Doğuş University-Istanbul-Turkey
- Topics on “Quantum Field Theory, QCD and Hadron Physics”, Department of Physics, Doğuş University, Istanbul-Turkey
- A Course on “Non-Perturbative QCD and Hadron Physics”, School of Physics, Institute for Research in Fundamental Sciences (IPM), Tehran-Iran (First Semester 2017-2018)