

| CURRICULUM VITAE (CV) | |
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| Name | Assoc. Prof. Dr. Abdullah Aydin |
| Date | 21 January 1966 |
| Place of birth | Sivas, Turkey |
| Work Address | Faculty of Education, Department of Science Teacher Education, Ahi Evran University, Kırşehir, Turkey. |
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| EDUCATION | |
| 1990 | Bachelor's, Uludağ University, Faculty of Necatibey Education, Chemistry Teacher Department |
| 1995 | Master's, Uludağ University, Faculty of Arts & Science, Analytical chemistry |
| 2004 | Doctorate, Gazi University, Faculty of Gazi Education, Chemistry Education |
| Publications (INTERNATIONAL) | |
| Journal Papers | |
| A1 | Aydin, A. (2008). Secondary Education Teachers' Opinions About the Chemistry Curriculum Implemented in Secondary Education in 1992, Education and Science, 33 (148), 87- 99. |
| A2 | Aydin, A. (2011). The Comparison of the Curriculum Development Studies for Secondary School Chemistry Conducted in Some Countries, Trakya University |



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| | Journal of Education, 1 (2), 1-27. |
| A3 | Aydın, A. (2012). Identifying Prospective Science Teachers' Misconceptions about Greenhouse Effect, Ozone Layer and Acid Rain, Journal of Balkan Ecology, 15 (2), 117-125. |
| A4 | Aydın, A. (2012). Applicability of Teaching through Perspective Presentation Strategy of Chemistry Teachers: Turkey Sample, Journal of Balkan Ecology, 15 (3), 317-322. |
| A5 | Aydın, A. (2012). Learning Approaches and Models Adopted in the High School Chemistry Curricula in Several Nations. The Journal of Academic Social Science Studies, 5 (8), 143-169. |
| A6 | Aydın, A. ve Öztürk, F. N. (2013). Seventh Grade Science And Technology Curriculum Modulation: Original Learnings/Analogies By Teachers. The Journal of Academic Social Science Studies, 6 (1), 299-309. |
| A7 | Kılıç, A. ve Aydin, A. (2013). Turkish Student Science Teachers' Conceptions of Sustainable Development: A phenomenography, International Journal of Science Education, 35 (5), 731-752. |
| A8 | Aydın, A. ve Gödek Altuk, Y. (2013). Turkish Science Student Teachers' Conceptions on the States of Matter. International Education Studies, Vol. 6, No. 5, pp. 104-115. |
| A9 | Aydın, A. (2013). Learner Acquisition and Its Relationship with Constructivist Learner Roles in a Secondary Education Chemistry Curriculum in Québec / Canada. International Education Studies, Vol. 6, No. 7, pp. 88-99. |
| A10 | Aydın, A. (2013). Representation of Science Process Skills in the Chemistry Curricula for Grades 10, 11 and 12 / Turkey. International Journal of Education and Practice, Vol. 1, Issue. 5, pp. 51-63. |
| A11 | Aydın, A. (2013). Material Development And Meeting Learner's Need. Educational Research and Reviews, Vol. 8, No. 17, pp. 1533-1543. |
| A12 | Aydın, A. ve Aytekin,C. (2018). Teaching Materials Development and Meeting the Needs of the Subject: A Sample Application. International Education Studies, Vol 11, No 8, 27-38. |

Conference & Congress Papers

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| A1 | Aydın, A. (31 Agustos- 4 Eylül 2009). The Comparison Of The Representation Of Science Process Skills In 9th Class Chemistry Curriculums: Germany, France, Canada And Turkey, sayfa 477-482, ESERA 2009 Conference, İstanbul/ Turkey. |
| A2 | Aydın, A. (10-15 Eylül 2007). Heavy Metals and Its Relation with Goiter, 38. ICANAS, Problems and Solutions of Environment and Urbanization, Volume 1, pp. 127-137, Ankara/ Turkey. |

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| A3 | Aydın, A. (14-18 Haziran 2010). The Comparison Of The Curriculum Development Studies For Secondary School Chemistry Conducted In Some Countries: United States, England, Australia, Canada, France, Germany And Turkey , WCCES XIV World Congress, Bogaziçi University, İstanbul/ Turkey. |
| A4 | Öztürk, N. ve Aydın, A.(14-18 Haziran 2010). Comparison Of Science Curriculum Reforms Of Different Countries With Respect To Science Objectives, WCCES XIV World Congress, Bogaziçi University, İstanbul/ Turkey. |
| A5 | Aydın, A. (October 05-08, 2011).Theoretical and Technological Contributions of Turks to Science, pp. 13-14, I. International Congress on Curriculum and Instruction, Anadolu University, Eskişehir/ Turkey. |
| A6 | Aydın, A. (24-26 May 2013). Material Development and Meeting Learner's, 4th World Conference on Psychology, Counseling and Guidance, İstanbul Kultur University, İstanbul, Turkey. |
| A7 | Aydın, A. (2-7 September 2013). Learner Acquisitions And Its Relationship With Constructivist Learner Roles In Secondary Education Chemistry Course Teaching Program In Québec City In Canada, ESERA 2013 Conference, Nicosia/ Cyprus. |
| A8 | Aydın, A. (5-7 Kasım 2015). Eğitimin Niteliğinin Artırılmasında Kafayı Geliştirmek Vurgusu, EYFOR VI Uluslararası Eğitim Yönetimi Forumu Özeti Bildiri Kitabı, EYUDER 2015 / Cyprus International University, Lefkoşa/ Cyprus. |
| A9 | Güven, Ç., & Aydın, A. (5-7 Kasım 2015). 7. Sınıf Fen ve Teknoloji Dersi Öğretim Programında Bulunan Soruların Yenilenmiş Bloom Taksonomisine Göre İncelenmesi, EYFOR VI Uluslararası Eğitim Yönetimi Forumu Özeti Bildiri Kitabı, EYUDER 2015 / Cyprus International University, Lefkoşa/ Cyprus. |
| A10 | Çiftçi, B., & Aydın, A. (31 May-3 June 2016). Türk ve Etiyopya Fen Dersi Öğretim Programlarındaki "Çözeltiler" Ünitesinde Geçen Kazanımların Benzerlik Yönünden Karşılaştırılması, IIIrd International Eurasian Educational Research Congress, EJERCONGRESS 2016 Conference Proceedings, Muğla Sıtkı Koçman University, Muğla / Turkey. |
| A11 | Aydın, A. (3-5 Kasım 2016). Bazı Düşünürler ve Filozofların Eğitim ile İlgili İfadeleri ve Bunlardan İbn-i Haldun'un Eğitim ile İlgili İfadelerinin Çözümlenmesi , EYFOR VII Uluslararası Eğitim Yönetimi Forumu Özeti Bildiri Kitabı , EYUDER 2016 / European University of Lefke, Lefke / Cyprus. |
| A12 | Ateş, H., Aydın, A., Uluay, G., & Arıkan, N. (18-21 May 2017). The Material Design of Cacabey Astronomy and Space Theme, II. International Symposium on Multidisciplinary Studies (ISMS), Abstract Book, Rome, Italy. |
| A13 | Aydın, A. (19-21 Ekim 2017). Dil Ve Dünya, EYFOR 8, TOBB ETÜ Ekonomi ve Teknoloji Üniversitesi, Ankara / Turkey. |
| A14 | Uluay, G., Ateş, H., Aydın, A., & Arıkan, N. (November 15-19, 2017) The Effects of Drawing on Gifted Students' Opinions Towards Space, International Congress on Education Science and Learning Technology, Abstract Book, Athens, Greece. |
| A15 | Aydın, A., Küçükkarasu, L., Çoban, N., Kahveci, N., & Canitez, O. (7-10 Aralık 2017). Amasya, Kayseri ve Konya Şeker Fabrikalarında Üretilen Sıkılmış Küspelerdeki Şeker Miktarının Tespit Edilmesi ve Bu küspelerdeki Şeker Miktarının Giderilebilirliğinin Araştırılması, 1st International Turkish World Engineering and Science Congress – ITWESC, Antalya-Turkey. |
| A16 | Durmaz, S., & Aydın, A. (18-22 Nisan 2018). Investigation of 8th Grade Students' |

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| | Epistemological Beliefs, 27th International Conference on Educational Sciences – ICES-UEBK 2018, Antalya-Turkey. |
| A17 | Aydın, A. (3-5 Mayıs 2018). EĞİTİM VE BİLGİ, asoscongress, Alanya-Turkey. |
| A18 | Doğan, P., & Aydin, A. (6-8 September, 2018). Investigation Knowledge levels of Cases, Event and General in 6th, 7th and 8th Grade Students' Science Teaching Program, International Learning, Teaching and Education Research Congress (ILTER 2018), Amasya – Turkey. |

Book and Chapter in a Book (B)

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| A1 | Aydın, A. (2012). Developing Materials in Project Format of "This is my Work" on Science and Technology Subjects Using Materials Available in Everyday Life (pp. 350-354). Education and Science in a Globalizing World: a case study of Turkey (Chief Editors: Ilia Christov & Recep Efe). Sofia: Paradigma. |
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Publications (NATIONAL)

| Journal Papers | |
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| A1 | Aydın, A. (2006). A Comparative Study on Secondary School Chemistry Curriculum of Various Countries and a New Chemistry Curriculum Framework Proposal for Turkey [Çeşitli Ülkelerin Orta Öğretim Kimya Derslerinin Müfredatlarının Karşılaştırmalı Olarak İncelenmesi ve Türkiye İçin Yeni Bir Kimya Müfredat Çerçeve Önerisi]. Ahi Evran Üniversitesi Eğitim Fakültesi Dergisi, 7 (2), 199-205. |
| A2 | Aydın, A. (2007). The Views of Teachers in the Conformity of Chemistry Curriculum Programme Implemented Since 1992 for the Realisation of Implementation Process of Secondary and High School Chemistry Course Teaching Programme [Ortaöğretim Kimya Dersi Öğretim Programının Uygulama Sürecinin Gerçekleştirilmesinde 1992'den Beri Uygulanan Ortaöğretim Kimya Müfredat Programının Uygunluğu Konusunda Öğretmen Görüşleri]. Ahi Evran Üniversitesi Eğitim Fakültesi Dergisi, 8 (1), 223-233. |
| A3 | Aydın, A. (2008). An Examination of The Order of Concepts Related to Periodic System in the Secondary Education Chemistry Course Teaching Program (The Case For Usa and Turkey) [Ortaöğretim Kimya Dersi Öğretim Programında Periyodik Sistem ile İlgili Kavramların Veriliş Sırasının İncelenmesi (A.B.D ve Türkiye Örneği)]. Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 10 (1), 76-84. |
| A4 | Aydın, A. (2009). 1992 Kimya I Ders Kitabındaki Konu Sıralamasının Öğretmen Görüşlerine Göre Değerlendirilmesi Ve 2007 Kimya I Ders Kitabındaki Konu Sıralaması ile Karşılaştırılması. Çukurova Üniversitesi Eğitim Fakültesi Dergisi, 3 (36), 62-80. |
| A5 | Aydın, A. (2010). An Evaluation of Chemistry I Textbook by Chemistry Teachers [Kimya I Ders Kitabının Öğretmen Görüşlerine Göre Değerlendirilmesi]. Ahi Evran Üniversitesi Eğitim Fakültesi Dergisi, 11 (1), 207-224. |
| A6 | Aydın, A. (2010). Evaluation of Republican Era Secondary Education Chemistry Education Programs in Terms of Flexibility and Practices [Cumhuriyet Dönemi Ortaöğretim Kimya Öğretim Programlarının Esnek Program ve Uygulamaları |

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| | Açısından Değerlendirilmesi], Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 12 (2), 61-74. |
| A7 | Aydın, A. (2011). The Development Materials from Substances Waste for Some Topics in Science and Technology Textbook for Primary [İlköğretim Fen ve Teknoloji Ders Kitaplarındaki Bazı Konulara Yönelik Atık Maddelerden Materyal Geliştirme]. Necatibey Eğitim Fakültesi Elektronik Fen ve Matematik Eğitim Dergisi, 5 (1), 62-93. |
| A8 | Aydın, A. (2011). Determination of Science Teacher Candidates' Errors and Knowledge Deficiencies about Some Mathematics Concepts [Fen Bilgisi Öğretmenliği Öğrencilerinin Bazı Matematik Kavramlarına Yönelik Hatalarının ve Bilgi Eksiklerinin Tespit Edilmesi]. Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 13 (1), 78-87. |
| A9 | Güven, Ç. ve Aydın, A. (2017). The Analysing of 8th Grade Science and Technology Lesson Curriculum Questions According to the Cognitive Process Dimension of Revised Bloom's Taxonomy [8. Sınıf Fen Ve Teknoloji Dersi Öğretim Programı'nda Bulunan Soruların Yenilenmiş Bloom Taksonomisi'nin Bilişsel Süreç Boyutuna Göre İncelenmesi]. Journal of the Turkish Chemical Society Chemical Education [Türkiye Kimya Derneği Dergisi, Kısım C: Kimya Eğitimi], 2(1), 87-106. |
| A10 | Güven, Ç. ve Aydın, A. (2017). Analysing And Evaluation of Seventh Grade Science And Technology Lesson Curriculum Questions According to the Revlsed Bloom Taxonomy [Yedinci Sınıf Fen Ve Teknoloji Dersi Öğretim Programı Sorularının Yenilenmiş Bloom Taksonomisi Bakımından Analizi Ve Değerlendirilmesi]. Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi Dergisi, Cilt , Sayı 35, Sayfalar 223 – 233. |
| A11 | Çiftçi, B. ve Aydın, A. (2018). Türkiye ve Etiyopya Ortaöğretim Kimya Dersi Öğretim Programlarında Bulunan “Çözeltiler” Ünitesindeki Kazanımların Benzerlik Yönünden Karşılaştırılması [Comparison of Attainments Included in the “Solutions” Unit of the Secondary Education Chemistry Course Curriculum of Turkey and Ethiopia in Terms of Similarity]. Journal of the Turkish Chemical Society Chemical Education [Türkiye Kimya Derneği Dergisi, Kısım C: Kimya Eğitimi], Cilt 3, Sayı 1, Sayfa: 1-16. |

Conference & Congress Papers

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| A1 | Hasdemir, E. ve Aydın, A. (16-20 Haziran 1997). "Eser Elementlerin Flotasyon Tekniği İle Zenginleştirilmesi", 11.Uluslararası Kimya Kongresi, Yüzüncü Yıl Üniversitesi, Kongre kitabı, sayfa : 546, Van. |
| A2 | Aydın, A. (13-15 Mayıs 2010). " Bilimsel Süreç Becerilerinin 9. Sınıf Kimya Müfredatlarında Temsil Edilme Durumları ve PISA İlişkisi", I. Ulusal Eğitim Programları ve Öğretim Kongresi, Balıkesir Üniversitesi, Necatibey Eğitim Fakültesi, Kongre kitabı, sayfa:29, Balıkesir. |
| A3 | Aydın, A. ve Altuk, Y.G. (2010). Fen Bilgisi Öğretmenliği Öğrencilerinin Maddenin Halleri Konusundaki Kavram Yanılgıları. 9. Ulusal Fen ve Matematik Eğitimi Kongresi, 23-25 Eylül 2010, İzmir, TÜRKİYE. Sayfa 16. |
| A4 | Yıldırım, E. ve Aydın, A. (2010). 6. Sınıf Fen Ve Teknoloji Dersi Müfredat Modülasyonu: Öğretmenden Gelen Özgün Analojiler. 9. Ulusal Fen ve Matematik Eğitimi Kongresi, 23-25 Eylül 2010, İzmir, TÜRKİYE. Sayfa 162 |
| A5 | Öztürk, F.N. ve Aydin, A. (2010). 7. Sınıf Fen ve Teknoloji Müfredat Modülasyonu: Öğretmenden Gelen Özgün Anlamlar (Analojiler). 9. Ulusal Fen ve Matematik Eğitimi Kongresi, 23-25 Eylül 2010, İzmir, TÜRKİYE sayfa 199. |

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| A6 | Aydın, A. (2011). Fen Bilgisi Öğretmenliği Öğrencilerinin Genel Kimya II Dersinde Kullandıkları Bazı Matematik Kavramlarına Yönelik Hatalarının Tespit Edilmesi. II.Uluslararası Kimya Eğitimi Kongresi, 5-8 Temmuz 2011, Erzurum, Türkiye. |
| A7 | Aydın, A. (2011). Fen ve Teknoloji Konularıyla ilgili Günlük Hayattan Basit Malzemelerle “Bu Benim Eserim” Proje Formatında Materyal Geliştirme. II.Uluslararası Kimya Eğitimi Kongresi, 5-8 Temmuz 2011, Erzurum, Türkiye. |
| A8 | Aydın, A. (2011). Bilimsel Süreç Becerilerinin Ortaöğretim 10., 11., 12. Sınıf Kimya Dersi Öğretim Programlarında Temsil Edilme Durumları. II.Uluslararası Kimya Eğitimi Kongresi, 5-8 Temmuz 2011, Erzurum, Türkiye. |
| A9 | Aydın, A., Aydın, T., Doğru, İ., Yıldız, R., Demir, H. ve Oruç, S. (2011). Ortaöğretim 9. Sınıf Kimya Dersi Öğretim Programındaki “Olgu ve Genellemelerin” Saptanması ve Sunuş Yoluyla Öğretim Stratejisinin Uygulanabilirliği. II.Uluslararası Kimya Eğitimi Kongresi, 5-8 Temmuz 2011, Erzurum, Türkiye. |
| A10 | Aydın, A., Yıldırım, E., ÖzTÜRK, F.N., Acer, F., Çetin, A. ve Turan, F. (2011). İlköğretim 6. Sınıf Fen ve Teknoloji Dersi Öğretim Programındaki “Olgu ve Genellemelerin” Tespit Edilmesi ve Sunuş ve Aktarma Modellerinin Kullanılabilirliğinin Tartışılması. II.Uluslararası Kimya Eğitimi Kongresi, 5-8 Temmuz 2011, Erzurum, Türkiye. |
| A11 | Durmaz, S. ve Aydın, A. (2013). Fen Bilgisi Öğretmen Adaylarının Buharlaşma Kavramına Yönelik Kavram Yanılgılarının Tespit Edilmesi. VI. Ulusal Lisansüstü Eğitim Sempozyumu, 10-11 Mayıs 2013, Sakarya Üniversitesi Eğitim Bilimleri Enstitüsü, Sakarya, Türkiye |
| A12 | Erbey, Ö. ve Aydın, A. (2013). İlköğretim 7. Sınıf Öğrencilerinin Öğrenme Stili ile Fen ve Teknoloji Dersi Başarısı Arasındaki İlişki. VI. Ulusal Lisansüstü Eğitim Sempozyumu, 10-11 Mayıs 2013, Sakarya Üniversitesi Eğitim Bilimleri Enstitüsü, Sakarya, Türkiye. |
| A13 | Aydın, A. ve ÖzTÜRK, H. (2013). Fen Bilgisi Öğretmenliği Öğrencilerinin “Metallerin Elektrik İletkenliği” Konusundaki Kavram Yanılgıları. III.Uluslararası Kimya Eğitimi Kongresi, 5-7 Eylül 2013, Trabzon, Türkiye. |
| A14 | Aydın, A. (2013). Çeşitli Ülkelerin Eğitim Sistemleri ile Türk Eğitim Sisteminin Karşılaştırılması. IV. Eğitim Yönetimi Formu (EYFOR), 3-5 Ekim 2013, Balıkesir, Türkiye. |
| A15 | Durmaz, S., & Aydın, A. (11-14 Eylül 2014). Fen Öğretim Programlarının Performans Vurgusu Yönünden KarGılaGırtırılması /Nijerya - Türkiye Örneklem, XI. UFBMEKİ, Bildiri Özetleri Kitapçığı, Adana / Turkey. |
| A16 | Güven, Ç., & Aydın, A. (7-15 Eylül 2015). 8. Sınıf Fen ve Teknoloji Dersi Öğretim Programı'nda Bulunan Soruların Yenilenmiş Bloom Taksonomisi'ne Göre İncelenmesi, IV. Ulusal Kimya Eğitimi Kongresi (UKEK 2015), Özeti Kitabı, Ayvalık-Balıkesir / Turkey. |
| A17 | Çiftçi, B., & Aydın, A. (7-9 Eylül 2015). Türkiye ve Etiyopya Ortaöğretim Kimya Dersi Öğretim Programlarındaki Atom ve Periyodik Sistem Ünitesinde Geçen Kazanımların Benzerlik Yönünden Karşılaştırılması, V. Ulusal Kimya Eğitimi Kongresi (UKEK2017), Özeti Kitabı, Elazığ / Turkey. |
| A18 | Güven, Ç., & Aydın, A. (28–30 Eylül 2016). Sekizinci Sınıf Fen ve Teknoloji Dersi İkinci Teog Sınavında Sorulan Soruların Yenilenmiş Bloom Taksonomisi'ne Göre İncelenmesi , Bildiri Özeti, 12. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi , Karadeniz Teknik Üniversitesi Fatih Eğitim Fakültesi, Trabzon / Turkey. |

| Book and Chapter in a Book | |
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| A1 | Aydın, A. (2015). İçimizdeki Bilge'nin Nitelikleri (1. Baskı). Ankara: Favori Yayıncıları, ISBN 978-605-4794-93-5 |
| A2 | Aydın, A., Nakiboğlu, C., Durmaz, H., Özcar, M., Karakoç, Ö., Benlikaya, R., & Dursun, Z. (2016). General chemistry 1 [Genel Kimya 1], (Editör: Canan Nakiboğlu). Anı Yayıncılık, 1. Baskı, Ankara / Turkey, ISBN 978-605-170-125-7 |
| A3 | Aydın, A. (2017). İçimizdeki Bilge'nin Nitelikleri (Genişletilmiş 2. Baskı). Ankara: Favori Yayıncıları, ISBN 978-605-4794-93-5 |
| A4 | Aydın, A., Nil Ertaş, F., Özcar, M., Nakiboğlu, C., Benlikaya, R., Kılınç Alpat, S., & Dursun, Z. (2017). General chemistry 2 [Genel Kimya 2], (Editör: Canan Nakiboğlu). Anı Yayıncılık, 1. Baskı, Ankara / Turkey, ISBN 978-605-170-125-7. |
| Certificates / Plaques and Awards | |
| A1 | Ministry of Education / Ankara-Turkey. "Bilgisayar İşletmenlik Sertifikası", (1999). |
| A2 | İl Kültür ve Turizm Müdürlüğü / Kırşehir-Turkey. "46. Kütüphane Haftası Anısına Plaket", (29 Mart 2010). |
| A3 | THK Türk Kuşu Genel Müdürlüğü Model Uçak Okulu, Etimesgut- Ankara / Turkey. "Model Uçak Öğreticilik Sertifikası", (2-7 Ağustos 2010). |
| A4 | Ahi Evran University. "Academic Performance Award", (2011) |
| A5 | İl Sağlık Müdürlüğü / Kırşehir-Turkey. "İlkyardımcı Sertifikası", (19 Nisan 2017). |
| A6 | T.C Milli Eğitim Bakanlığı, Ortaöğretim Genel Müdürlüğü / Turkey. "Üst Düzey Bilişsel Becerilere Yönelik Soru Hazırlama Teknikleri Eğitimi" ne eğitici olarak katıldım dan dolayı verilen Katılım Belgesi (26-30 Mart 2018). |
| A7 | <ul style="list-style-type: none"> • British Journal of Education, Society & Behavioural Science "Certificate of Excellence in Reviewing Award", (17 June 2017) • Journal of Education, Society & Behavioural Science "Certificate of Excellence in Reviewing Award", (7 August 2017) • Asian Research Journal of Arts & Social Sciences "Certificate of Joining Award", As Academic Editor, (12 January 2018) • Journal of Education, Society & Behavioural Science "Certificate of Excellence in Reviewing Award", (12 January 2018) • Current Journal of Applied Science and Technology . "Certificate of Joining Award", As Academic Editor, (06 February 2018) • JOURNAL OF CLEANER PRODUCTION , "Certificate of Reviewing", (January, 2017)(30 April, 2018). • Asian Journal of Language, Literature and Culture Studies, "Certificate of Excellence in Reviewing Award", (04 June 2018). • "Journal of Global Research in Education and Social Science", As Academic Editor, International Knowledge Press, [01.03.2018-01.03.2021] [International Knowledge Press]. • Asian Research Journal of Arts & Social Sciences, "Certificate of Excellence in Reviewing Award", (19 July 2018). • International Journal of Social Sciences and Management Review, "Editorial Board Member", (15 August 2018). • Journal of Studies in Education, Macrothink Institute , "Editorial Board" |

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| | <p>Member", (4 September 2018).</p> <ul style="list-style-type: none"> Asian Journal of Advanced Research and Reports, "Certificate of Excellence in Reviewing Award", (6 September 2018). Asian Journal of Education and Social Studies, "Certificate of Excellence in Reviewing Award", (20 September 2018). Journal of Social Service and Welfare,"Editorial Board", (31 October 2018). Asian Research Journal of Arts & Social Sciences, "Certificate of Excellence in Reviewing Award", (23 November 2018). Chlidren and Teenagers,"Editorial Board", (12 November 2018). |
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Project refereeing

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| A1 | Epistemik Açıdan Farklı Özelliklere Sahip Bireylerin Bilimsel Metinler ile ilgili Muhakemelerinin Göz Takip ve Beyin Haritalama Yöntemleri ile İncelenmesi. Yürüttü: Doç.Dr. Ahmet KILINÇ [17-26 Şubat 2015]. |
| A2 | Kimya Öğretmen Adaylarının Fen Öğretim Yönetmeliğinin Boyutlarının İncelenmesi [Examination of Prospective Chemistry Teachers' Dimensions of Science Teachin]. Yürüttü: Prof. Dr. Canan NAKİBOĞLU, Balıkesir Üniversitesi BAP Koordinasyon Birimi [5 Nisan – 20 Nisan 2018]. |

Refereeing

SCIENCE DOMAIN international

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| A1 | Advances in Research [Subject: Ms_AIR_33321: Invitation to Review Manuscript for Advances in Research] "Title: Exploring the image of science: neural nets and the PIKA model", (2017-04-15) |
| A2 | Archives of Current Research International [Subject: Ms_ACRI_29017: Invitation to Review Manuscript for Archives of Current Research International] "Title: The Status of Geography and Environmental Studies at Secondary Level Education in Bangladesh", (20.08.2016) |
| A3 | Asian Research Journal of Arts & Social Sciences [Subject: Ms_ARJASS_29621: Invitation to Review Manuscript for Asian Research Journal of Arts & Social Sciences] "Title: Comparison between Hegel's Being-Nothing-Becoming and I-Ching's Yin-Yang-I (Change)", (3.10.2016) |
| A4 | Asian Research Journal of Arts & Social Sciences "Manuscript Title: The Nordic Welfare State and the Family institution from the 20th century", (13 July 2018). |
| A5 | British Journal of Applied Science & Technology [Subject: Ms_BJAST_33009: Invitation to Review Manuscript for British Journal of Applied Science & Technology] "Title: Isparta Sehit Ali İhsan Kalmaz High School Landscape Project", (27 Mart 2017) |

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| A6 | British Journal of Applied Science & Technology / Current Journal of Applied Science and Technology [Subject: Ms_BJAST_33559: Invitation to Review Manuscript for British Journal of Applied Science & Technology] "Title: THE INFLUENCE OF WEATHER ON STUDENTS' ACADEMIC PERFORMANCE IN KASHIM IBRAHIM COLLEGE OF EDUCATION, MAIDUGURI, NIGERIA", (20 Nisan 2017) |
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| A97 | INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN EDUCATION AND REVIEW “Title: Governance And Leadership Roles As The Strategies For Effective Higher Education In Nigeria: An Examination”, (13 Ekim 2018). |
| A98 | INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN EDUCATION AND REVIEW “Title: The effect of Involvement with Job Crafting in Perceived Self-efficacy in Career.”, (22 Ekim 2018). |
| A99 | INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN EDUCATION AND REVIEW “Title: Students’ evaluation of the B.Ed. Accounting programme in the University of Cape Coast”, (5 Kasım 2018). |
| A100 | International Journal of Economic and Business Management “Title: CULTURAL IMPERATIVE IN GLOBAL BUSINESS MANAGEMENT(A Study of Selected Multinational Companies in Nigeria)”, (20 Eylül 2018). |
| A101 | International Journal of English Literature and Culture “Title: De-Stereotyping the |

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| | History of Africa: the Hieroglyphs of Ancient Egypt and the Manuscripts of Timbuktu as the Clues Establishing the Anteriority of African Civilization”, (24 Eylül 2018). |
| A102 | International Journal of Academic Library and Information Science “Title: Collaboration Analysis Networks in the Technical and Engineering Research Institutes of Iran Ministry of Science, Research and Technology in Tehran (2011-2015)”, (9 Ekim 2018). |
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| Premier Publishers | |
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| A103 | Premier Publishers “Manuscript Title: EFFECT OF MULTIMODAL INSTRUCTIONAL APPROACHES ON STUDENTS LEARNING OF CHEMISTRY CONCEPTS IN SELECTED COLLEGES OF EDUCATION”, (21 June 2018). |
| A104 | Premier Publishers “Manuscript Title: Vulnerabilities in Street Vendor's Livelihood and their Coping Strategies in Kathmandu, Nepal”, (21 June 2018). |
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| Ihlara Eğitim Araştırmaları Dergisi [Ihlara Journal of Educational Research] | |
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| A105 | Ihlara Journal of Educational Research “Süreç Akışı: ID 435328 RENK DEĞİŞİMİ BAĞLAMINDA LOWRY-BRONSTED ASİT-BAZ TEORİSİ VE KİMYASAL DENGE TEORİSİ'NİN ÖĞRETİMİ İÇİN YENİ BİR DENEYSEL MODEL”, (21 June 2018). |
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| Necatibey Eğitim Fakültesi Elektronik Fen ve Matematik Eğitimi Dergisi (Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education) | |
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| A106 | Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education “Makale Kodu: EFMED KME 173 Deneyimli Kimya Öğretmenlerinin Alan Eğitimi Bilgisi Temelinde Ölçme Bilgilerinin Fiziksel-Kimyasal Değişimler Konusu Kapsamında Belirlenmesi”, (21 Novembre 2018) |
| A107 | Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education “Makale Kodu: EFMED FBE 407 İlköğretim Fen Sınıflarındaki Söyleşsel Etkileşimlerin Araştırılması”, (21 Novembre 2018) |
| A108 | Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education “Makale Kodu: EFMED FBE 413 Atom-Molekül Teorisi, Atomun Yapısı, Kimyasal Bağlar Kimyasal Denge ve Kimyasal Kinetik Konularında Fen Bilgisi Öğretmen Adaylarının Akıl Yürütmelerinin İncelenmesi”, (4 Aralık 2018) Kabul Tek. Gör. |
| A109 | Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education “Makale Kodu: EFMED KME 171 9. sınıf Fizik-Kimya-Biyoloji Öğretmenlerinin Fen Eğitimi Ders Sürecinde Karşılaştıkları Sorunlara Yönelik Bir Durum Çalışması”, (4 Aralık 2018) Ret. |
| A110 | Necatibey Faculty of Education Electronic Journal of Science and Mathematics Education “Makale Kodu: EFMED FBE 422 İlkokul Fen Bilimleri Ders Kitaplarında Kavram Yanılgılarına Neden Olabilecek Sözel ve Görsel İçerik”, (4 Aralık 2018) Ret. |
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| Editör Decision | |
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| A1 | “Manuscript Title: Non-Governmental Organizations (NGOs) and marine/coastal resource management: the study of selected NGOs in Sekondi-Takoradi Metropolitan Assembly, Ghana.” My final decision is positive [26 January 2018]. Journal Name: Asian Research Journal of Arts & Social Sciences |

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| A2 | "Manuscript Title: Information Technology and its Effect on Performance of Logistics Firms in Nigeria." My final decision is positive [21 February 2018]. Journal Name: Asian Research Journal of Arts & Social Sciences |
| A3 | "Manuscript Title: THE ENERGY ABSORPTION CAPABILITY OF COMPOSITE MATERIALS FOR USE IN PERFORMANCE-CRITICAL APPLICATIONS: A REVIEW." My final decision is positive [24 March 2018]. Journal Name: Current Journal of Applied Science and Technology |
| A4 | "Manuscript Title: AN EXAMINATION OF GREGORY PENCE DEFENCE OF HUMAN CLONING." My final decision is negative [12 Jane 2018]. Journal Name: Asian Research Journal of Arts & Social Sciences |
| A5 | "Manuscript Title: Understanding Vietnamese Preservice TEFL Teachers' TPACK Development with Design-based Learningvia Reflective Learning." My final decision is positive [26 October 2018 – 02 November 2018]. Journal Name: International Journal of Social Sciences and Management Review (IJSSMR) |
| A6 | "Manuscript Title: EFFECTS OF PROCESS-ORIENTED INSTRUCTIONAL STRATEGIES ON SPATIAL ABILITIES AND BASIC SCIENCE ACHIEVEMENT OF BASIC NINE STUDENTS IN KOGI STATE, NIGERIA." My final decision is positive [Nov 17-21, 2018]. Journal Name: Current Journal of Applied Science and Technology . |
| A7 | "Manuscript Title: Developing a new curriculum for STEM education for secondary students" My final decision is positive [Nov 28, 2018]. Journal Name: Current Journal of Applied Science and Technology . |
| A8 | "Manuscript Title: ANALYSIS OF INFORMATION AND COMMUNICATION TECHNOLOGIES USED IN DISSEMINATING AGRICULTURAL NEW TECHNOLOGIES AMONG EXTENSION AGENTS IN IMO STATE." My final decision is positive [November 28 -December 7, 2018]. Journal Name: International Journal of Social Sciences and Management Review (IJSSMR) |

Congress, Exhibition and Form Organization

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| A1 | Aydın, A., ve diğerleri., III. Ulusal İlköğretim Bölümleri Öğrenci Kongresi."Ahi Evran University", (22-23 Kasım 2012). |
| A2 | İl Kültür ve Turizm Müdürlüğü / Kırşehir-Turkey. "45. Kütüphane Haftası Anısına "Öğretim Teknolojileri Materyal Tasarım" sergisi düzenleme", (31 Mart-5 Nisan 2009). |
| A3 | İl Kültür ve Turizm Müdürlüğü / Kırşehir-Turkey. "46. Kütüphane Haftası Anısına "Öğretim Teknolojileri Materyal Tasarım" sergisi düzenleme", (29 Mart- 4 Nisan 2010). |
| A4 | İl Kültür ve Turizm Müdürlüğü / Kırşehir-Turkey. "Turizm Haftası Kapsamında "Cacabey ve Uzay temalı Resim ve Materyal" sergisi düzenleme", (21 Nisan 2017). |
| A5 | Aydın, A., ve diğerleri., Eğitim Yöneticileri ve Uzmanları Derneği (EYUDER 7), düzenleme kurulu üyesi (03-05 Ekim 2016). |
| A6 | Aydın, A., ve diğerleri., Eğitim Yöneticileri ve Uzmanları Derneği (EYUDER 8), düzenleme kurulu üyesi (19-21 Ekim 2017). |

Research

Thesis Supervised

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| A1 | 7. sınıf fen ve teknoloji müfredat modülasyonu: Öğretmenden gelen özgün anlamlar (Analojiler) [The modulation of the 7th grade science and technology |
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| | curriculum: The unique meanings (Analogies) from teachers]. Msc Thesis. Fatma Nur ÖZTÜRK. (2012) |
| A2 | İlköğretim 7.sınıf öğrencilerinin öğrenme stili ile fen ve teknoloji dersi başarısı arasındaki ilişki [7th grade students' learning styles primary school teaching success with the relationship between science and technology]. Msc Thesis. Öznur ERBEY. (2013) |
| A3 | 6, 7, 8. sınıflar fen ve teknoloji dersi öğretim programı'ndaki soruların yenilenmiş bloom taksonomisi'ne göre incelenmesi [The analysing of 6th, 7th and 8th grades science and technology lesson curriculum questions according to revised bloom's taxonomy]. Msc Thesis. Çağrı Güven. (2014) |
| A4 | Ortaokul 8.sınıf fen ve teknoloji öğretim programı çerçevesinde ders kitabının bilimsel süreç becerileri açısından karşılaştırılması ve bilimsel süreç becerilerinin uygulanabilirliğine yönelik öğretmen görüşleri [Secondary school science and technology 8th grade science process skills curriculum for comparison and its application in the course book for teachers 'perceptions]. Msc Thesis. Fatma Turan. (2015) |
| A5 | Bilim kurgunun fen bilimleri dersinin öğrenme hedeflerine yönelik fen bilimleri öğretmenlerinin görüşleri [Opinions of the science teachers on the contribution of science fiction to the learning targets of science classes]. Msc Thesis. Lütfiye Nisa Bilgin. (2016). |
| A6 | Türkiye ve Etiyopya Ortaöğretim Fen Müfredatlarının Kazanımlar Yönünden Karşılaştırılması [Comparison of Turkish and Ethiopian Secondary Education Science Curriculum in Terms of Acquisitions]. Msc Thesis. Burak Çiftçi. (2017). |
| A7 | 8. Sınıf Öğrencilerinin Isı Ve Sıcaklık Konusundaki Bilgilerinin Epitemolojik İnançlar Açılarından İncelenmesi [INVESTIGATION OF 8TH GRADE STUDENTS' KNOWLEDGE LEVEL ABOUT HEAT AND TEMPERATURE TOPIC IN TERMS OF EPISTEMOLOGICAL BELIEFS]. PhD Thesis. Serbay Durmaz. (2017). |
| Project Work | |
| A1 | Mevcut Fen Bilgisi Laboratuvarlarının İyileştirilmesi ve Eski Öğretmen Okulundan Kalan Deneysel Malzemelerin Sergilenmesi. BAP (4005).- 06 Ocak 2015. Researcher |
| A2 | Çiçekdağı Meslek Yüksekokuluna Laborant ve Veteriner Sağlık Programı Araştırma ve Uygulama Alt Yapı Projesi: Laboratuvar Kurulumu. BAP (D7). 15 September 2014 - 31 December 2015. Coordinator |
| A3 | Cacabey Astronomi ve Uzay Temalı Materyal Tasarımı. BAP (A3). 21 September 2016 – 21 March 2018. Coordinator |
| Editorial Board and Editorial Advisory Board | |
| Editorial Board | |
| A1 | Journal of the Turkish Chemical Society, Section C: Chemical Education. (2016- ...) |
| A2 | Journal of Social Service and Welfare, SRYAHWA Publications (31 October 2018- ...). |
| A3 | Chlidren and Teenagers, SCHOLINK INC. "Editorial Board", (12 November 2018 – 12 November 2019). |
| Editorial Board Members | |

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| Academic Editor | |
| A4 | Asian Research Journal of Arts & Social Sciences [11.01.2018 – 10.01.2022] [SCIENCE DOMAIN international Ltd.] |
| A5 | Journal of Global Research in Education and Social Science, International Knowledge Press , [01.03.2018-01.03.2021]. |
| A6 | Current Journal of Applied Science and Technology [05.03.2018 – 04.03.2022] [SCIENCE DOMAIN international Ltd.] |
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| Editorial Board Members | |
| A7 | International Journal of Social Sciences and Management Review (IJSSMR), [15 August 2018...). |
| A8 | Journal of Studies in Education [(4 September 2018...]. Macrothink Institute Inc. |
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| Editorial Advisory Board | |
| A9 | International Journal of Education and Practice. The Pak Publishing Group (PPG) . (01 October 2015- ...) |
| A10 | International Journal of Applied Science and Engineering Review (IJASER),[6 December 2018] |
| Scientific Memberships | |
| A1 | European Science Education Research Association (ESERA) [2009] |
| A2 | International Journal of Development and Sustainability (IJDS) , the official publication of ISDS Society in Japan (Membership ID: M170237) [12 October 2017] Newsletter - M170237. |
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| Jury Membership | |
| A1 | “Artırılmış Gerçeklik Teknolojisi İle Yapılan Fen Öğretiminin Ortaokul Öğrencilerinin Başarılarına Ve Darse Karşı Tutumlarına Etkisi” [Effect of science teaching with the augmented reality technology on secondary school students' achievement and their attitude towards the course]. Msc Thesis . Dilara Şahin. (15 Mayıs- 15 Haziran 2017).[Asil Üye]/ Atatürk University |
| A2 | PhD Thesis . Gülşah ULUAY (09 Kasım – 09 Aralık 2017). [Yedek Üye] / Gazi University |
| A3 | “Fen Bilgisi Öğretmen Adaylarının Tamamlayıcı Ölçme Araçları Farkındalıkları ile Girişimcilik ve Yenilikçilik Düzeylerinin Belirlenmesi” [Determination of the Levels Entrepreneurship and Innovativeness with the Complementary Measurement Tools Awareness Of Teacher Candidates Science] Msc Thesis . Alper Şahin. (17 January 2017).[Asil Üye]/ Ahi Evran University |
| A4 | PhD Thesis . Hilal KARABULUT (02 Nisan – 02 Mayıs 2018). [Yedek Üye] / Gazi University |
| A5 | PhD Thesis . Ayşe Zeynep ŞEN (15 Mayıs 2018). [Asil Üye] / Balıkesir University |
| A6 | Msc Thesis . Okan Keçeci (18 Haziran 2018). [Asil Üye] / Gazi University |
| A7 | Msc Thesis . Esra Koca (20 Temmuz 2018). [Asil Üye] / Aksaray University |
| A8 | PhD Thesis . Cüneyt Altan Altay (28 Eylül 2018). [Yedek Üye] / Gazi University |
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| Academic Duty | |

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| A1 | Department Head of Department of Science Education [31 May 2017- 13 December 2017] |
| Administrative Duty | |
| A1 | Department Head of Department of Mathematics and Science Education [14.12.2017 -----] |