

## Asst. Prof. YAVUZ SELİM KIYAK

### Personal Information

Office Phone: [+90 312 202 7445](tel:+903122027445)

Email: [yskiyak@gazi.edu.tr](mailto:yskiyak@gazi.edu.tr)

Web: <http://tipegitimivebilisimi.blogspot.com/>

### International Researcher IDs

ScholarID: QzPM3yUAAAAJ

ORCID: 0000-0002-5026-3234

Publons / Web Of Science ResearcherID: AAE-5111-2022

ScopusID: 57218700207

Yoksis Researcher ID: 306389

### Education Information

Post Doctorate, Krakow Jagiellonski Üniversitesi, Medical College, Bioinformatics and Telemedicine, Poland 2023 - Continues

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Tıp Eğitimi Anabilim Dalı (Disiplinlerarası), Turkey 2017 - 2021

Undergraduate, Anadolu University, Open Education Faculty, Department Of Sociology, Turkey 2014 - 2017

Undergraduate, Gazi University, Tıp Fakültesi, Tıp Pr., Turkey 2011 - 2017

Undergraduate, Anadolu University, Faculty Of Economics, Department Of Public Administration, Turkey 2012 - 2014

### Certificates, Courses and Trainings

Health&Medicine, Erasmus+ KA103 Staff Mobility for Training, Center of Studies for Medical Education, Universidad de Murcia, Spain, 2023

### Dissertations

Doctorate, Developing A New Method and Electronic System for Assessment of Clinical Reasoning Skills in Medical Education, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021

### Research Areas

Medicine, Education

### Academic Titles / Tasks

Assistant Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

Lecturer, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2019 - 2023

### Academic and Administrative Experience

## Courses

Medical Teleconsultation, Undergraduate, 2023 - 2024  
E-learning and Virtual Patients, Undergraduate, 2023 - 2024  
Akılcı İlaç Kullanımı, Undergraduate, 2023 - 2024, 2022 - 2023  
İletişim Becerileri, Undergraduate, 2022 - 2023  
Klinik Beceri Eğitimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020  
Probleme Dayalı Öğrenim, Undergraduate, 2021 - 2022  
Communication Skills, Undergraduate, 2022 - 2023  
Clinical Skills Education, Undergraduate, 2021 - 2022, 2019 - 2020

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

- I. **ChatGPT versus expert feedback on clinical reasoning questions and their effect on learning: a randomized controlled trial.**  
Çiçek F. E., Ülker M., Özer M., Kiyak Y. S.  
Postgraduate medical journal, 2024 (SCI-Expanded)
- II. **Keeping humans in the loop efficiently by generating question templates instead of questions using AI: Validity evidence on Hybrid AIG.**  
Kiyak Y. S., Emekli E., Coşkun Ö., Budakoğlu I. İ.  
Medical teacher, pp.1-4, 2024 (SCI-Expanded)
- III. **ChatGPT prompts for generating multiple-choice questions in medical education and evidence on their validity: a literature review.**  
Kiyak Y. S., Emekli E.  
Postgraduate medical journal, 2024 (SCI-Expanded)
- IV. **ChatGPT for generating multiple-choice questions: a reply**  
Kiyak Y. S., Coşkun Ö., Budakoğlu I. İ., Uluoğlu C.  
European Journal of Clinical Pharmacology, vol.80, no.6, pp.949-950, 2024 (SCI-Expanded)
- V. **Test-Only Learning via Virtual Patients to Improve Surgical Illness Scripts of Preclinical Medical Students as a Preparation for Clinical Clerkships: An Experimental Study**  
Kiyak Y. S., Budakoğlu I. İ., Coşkun Ö.  
Surgical Innovation, vol.31, no.3, pp.318-323, 2024 (SCI-Expanded)
- VI. **ChatGPT for generating multiple-choice questions: Evidence on the use of artificial intelligence in automatic item generation for a rational pharmacotherapy exam.**  
Kiyak Y. S., Coşkun Ö., Budakoğlu I. İ., Uluoğlu C.  
European journal of clinical pharmacology, vol.80, no.5, pp.729-735, 2024 (SCI-Expanded)
- VII. **ChatGPT to generate clinical vignettes for teaching and multiple-choice questions for assessment: A randomized controlled experiment.**  
Coşkun Ö., Kiyak Y. S., Budakoğlu I. İ.  
Medical teacher, pp.1-7, 2024 (SCI-Expanded)
- VIII. **Case-based MCQ generator: A custom ChatGPT based on published prompts in the literature for automatic item generation.**  
Kiyak Y. S., Kononowicz A. A.  
Medical teacher, vol.46, no.8, pp.1018-1020, 2024 (SCI-Expanded)
- IX. **Effectiveness of using 2D atlas and 3D PDF as a teaching tool in anatomy lectures in initial learners: a randomized controlled trial in a medical school**

Eroğlu F. S., Erkan B., Koyuncu S. B., Komşal Z. R., Çiçek F. E., Ülker M., Toklu M. E., Atlan M., Kiyak Y. S., Kula S., et al.  
BMC MEDICAL EDUCATION, vol.23, no.1, 2023 (SCI-Expanded)

- X. **Validation of IFMSA social accountability assessment tool: exploratory and confirmatory factor analysis**  
Coşkun Ö., Timurçin U., Kiyak Y. S., Budakoğlu I. İ.  
BMC MEDICAL EDUCATION, vol.23, no.1, 2023 (SCI-Expanded)
- XI. **How does evidence-based medicine training affect medical students' views on traditional, complementary, and alternative medicine and the conspiracy theories about COVID-19: a nationwide study**  
Coşkun Ö., Kiyak Y. S., Budakoğlu I. İ.  
PRIMARY HEALTH CARE RESEARCH AND DEVELOPMENT, vol.24, no.1, 2023 (SCI-Expanded)
- XII. **Teaching rational prescribing in undergraduate medical education: a systematic search and review**  
Budakoğlu I. İ., Coşkun Ö., Kiyak Y. S., Uluoğlu C.  
European Journal of Clinical Pharmacology, vol.79, no.3, pp.341-348, 2023 (SCI-Expanded)
- XIII. **The effect of watching lecture videos at 2x speed on memory retention performance of medical students: An experimental study**  
Kiyak Y. S., Budakoğlu I. İ., Masters K., Coşkun Ö.  
MEDICAL TEACHER, vol.45, no.8, pp.913-917, 2023 (SCI-Expanded)
- XIV. **Can preclinical students improve their clinical reasoning skills only by taking case-based online testlets? A randomized controlled study**  
Kiyak Y. S., Budakoğlu I. İ., Bakan Kalaycıoğlu D., Kula S., Coşkun Ö.  
INNOVATIONS IN EDUCATION AND TEACHING INTERNATIONAL, vol.60, no.3, pp.325-334, 2023 (SSCI)
- XV. **What do Turkish, Spanish, and Pakistani medical students value in specialty training positions? A discrete choice experiment**  
Kiyak Y. S., Budakoğlu I. İ., García-Estañ J., Atta K., Coşkun Ö., Koyun E.  
BMC Medical Education, vol.22, no.1, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **What is Artificial General Intelligence and Why Could It Be a Threat as Serious as Climate Change?: An Urgent Call for Medical Education**  
Kiyak Y. S.  
EUROPEAN JOURNAL OF THERAPEUTICS, vol.30, pp.1-4, 2024 (ESCI)
- II. **Beginner-Level Tips for Medical Educators: Guidance on Selection, Prompt Engineering, and the Use of Artificial Intelligence Chatbots**  
Kiyak Y. S.  
Medical Science Educator, vol.34, pp.1-6, 2024 (ESCI)
- III. **Comprehensiveness and Instructional Quality of YouTube Videos on Clinical Record-Keeping Training in Medical Education**  
Emekli E., Kiyak Y. S.  
KONURALP TIP DERGISI, vol.16, no.2, 2024 (ESCI)
- IV. **ChatGPT's ability or prompt quality: what determines the success of generating multiple-choice questions**  
Kiyak Y. S.  
Academic Pathology, vol.11, pp.100119, 2024 (ESCI)
- V. **Employment Preferences of Cardiologists in Türkiye: A Discrete Choice Experiment.**  
Çerik İ. B., Koyun E., Kiyak Y. S., Budakoğlu I. İ., Dindaş F., Coşkun Ö.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.52, no.3, pp.199-207, 2024 (ESCI)
- VI. **What are the Leadership and Management Positions in Medical Education? A Scoping Review**

- Erkan B., Koyuncu S. B., Eroglu F. S., KIYAK Y. S.  
SPANISH JOURNAL OF MEDICAL EDUCATION, no.3, 2024 (ESCI)
- VII. **Can ChatGPT generate surgical multiple-choice questions comparable to those written by a surgeon?**  
KIYAK Y. S., Coşkun A. K., Kaymak Ş., COŞKUN Ö., BUDAKOĞLU I. İ.  
Baylor University Medical Center Proceedings, 2024 (Scopus)
- VIII. **Blockchain, Holochain, and Other Distributed Ledger Technologies: Web3 Awareness, Privacy Concerns, and Cryptocurrency Use Among Students in a Medical School**  
KIYAK Y. S., BUDAKOĞLU I. İ., Coskun O.  
BIO-ALGORITHMS AND MED-SYSTEMS, no.1, pp.15-21, 2024 (ESCI)
- IX. **A Prompt for Generating Script Concordance Test Using ChatGPT, Claude, and Llama Large Language Model Chatbots**  
KIYAK Y. S., EMEKLİ E.  
SPANISH JOURNAL OF MEDICAL EDUCATION, no.3, 2024 (ESCI)
- X. **Tıp Eğitiminde Otomatik Soru Üretme Yöntemi Kullanılarak Oluşturulan İlk Türkçe Çoktan Seçmeli Soruların Psikometrik Analizi**  
KIYAK Y. S., COŞKUN Ö., BUDAKOĞLU I. İ., ULUOĞLU C.  
Tıp Eğitimi Dünyası, vol.22, no.68, pp.154-161, 2023 (Peer-Reviewed Journal)
- XI. **A ChatGPT Prompt for Writing Case-Based Multiple-Choice Questions**  
Kiyak Y. S.  
REVISTA ESPAÑOLA DE EDUCACIÓN MÉDICA, vol.4, no.3, pp.98-103, 2023 (Peer-Reviewed Journal)
- XII. **Exploratory Factor Analysis of a Computerized Case-Based F-Type Testlet Variant**  
Kiyak Y. S., Budakoğlu I. İ., Bakan Kalaycıoğlu D., Coşkun Ö.  
Medical Science Educator, vol.33, no.5, pp.1191-1196, 2023 (ESCI)
- XIII. **Clinical Record Keeping Education Needs in a Medical School and the Quality of Clinical Documentations**  
EMEKLİ E., COŞKUN Ö., BUDAKOĞLU İ., KIYAK Y. S.  
KONURALP TIP DERGİSİ, vol.15, no.2, pp.257-265, 2023 (ESCI)
- XIV. **Blockchain and Holochain in Medical Education from Planetary Health and Climate Change Perspectives**  
Kiyak Y. S.  
REVISTA ESPAÑOLA DE EDUCACIÓN MÉDICA, vol.4, no.1, pp.1-7, 2023 (Peer-Reviewed Journal)
- XV. **The First Automatic Item Generation in Turkish for Assessment of Clinical Reasoning in Medical Education**  
Kiyak Y. S., Budakoğlu I. İ., Coşkun Ö., Koyun E.  
Tıp Eğitimi Dünyası, vol.22, no.66, pp.72-90, 2023 (Peer-Reviewed Journal)
- XVI. **Holochain: a novel technology without scalability bottlenecks of blockchain for secure data exchange in health professions education**  
Kiyak Y. S., Poor A., Budakoğlu I. İ., Coşkun Ö.  
Discover Education, vol.1, no.1, pp.1-8, 2022 (Peer-Reviewed Journal)
- XVII. **A Novel Approach to Teach Evidence-Based Medicine: Modified PEARLS**  
Coşkun Ö., Kiyak Y. S., Budakoğlu I. İ., Ergün M. A., Haznedaroğlu Ş.  
GAZI MEDICAL JOURNAL, vol.33, no.4, pp.329-336, 2022 (ESCI)
- XVIII. **COVID-19 Pandemisi tıp öğrencilerinin ve uzmanlık öğrencilerinin el hijyenine uyumunu değiştiriyor mu? Bir üniversite hastanesinden karşılaştırmalı çalışma**  
Coşkun Ö., Budakoğlu I. İ., Kiyak Y. S.  
Ege Tıp Dergisi, vol.61, no.2, pp.202-208, 2022 (Peer-Reviewed Journal)
- XIX. **From Copyright to Copyleft to CopyCovid: An opportunity for democratization of medical education [Version 2]**  
Özeke V., Budakoğlu I. İ., Kiyak Y. S., Coşkun Ö.  
MedEdPublish, vol.10, 2021 (Peer-Reviewed Journal)
- XX. **Birinci basamak hekimlerinin, psikiyatri ile ilgili temel hekimlik uygulamalarına dair öz yeterlilik**

### **algularının ve görüşlerinin incelenmesi: Ulusal çapta bir çalışma**

Coşkun Ö., Kıyak Y. S., Budakoğlu I. İ., Öztaş D., Erdem Ö., Aslan S.

Klinik Psikiyatri Dergisi, vol.24, no.2, pp.160-166, 2021 (ESCI)

- XXI. **Telemedicine curriculum in undergraduate medical education: a systematic search and review**  
Budakoğlu I. İ., Sayılır M. Ü., Kıyak Y. S., Coşkun Ö., Kula S.  
HEALTH AND TECHNOLOGY, vol.11, pp.773-781, 2021 (ESCI)
- XXII. **Skills in National Core Curriculum: National Survey of Primary Care Physicians in Turkey**  
COŞKUN Ö., KIYAK Y. S., ÖZTAŞ D., Erdem O., BUDAKOĞLU I. İ.  
KONURALP TIP DERGISI, vol.13, no.2, pp.357-369, 2021 (ESCI)
- XXIII. **ContExtended Questions (CEQ) to Teach and Assess Clinical Reasoning: A New Variant of F-Type Testlets**  
KIYAK Y. S., BUDAKOĞLU I. İ., KULA S., COŞKUN Ö.  
REVISTA ESPAÑOLA DE EDUCACIÓN MÉDICA, vol.2, 2021 (Peer-Reviewed Journal)
- XXIV. **Olguya Dayalı Çok İstasyonlu Elektronik İç Hastalıkları Sınavının Ulusal Çekirdek Eğitim Programı-2014 ile Uyumunun Değerlendirilmesi**  
Kıyak Y. S., Budakoğlu I. İ., Boyacı Dünder N., Coşkun Ö.  
Tıp Eğitimi Dünyası, vol.19, no.59, pp.46-52, 2020 (Peer-Reviewed Journal)
- XXV. **Tıp Fakültesine Başvurudan Aile Hekimi Olmaya: Tıp Öğrencisinin Ülkelere Göre Eğitim ve Kariyer Serüveni**  
Budakoğlu I. İ., Kıyak Y. S., Coşkun Ö.  
Tıp Eğitimi Dünyası, vol.19, no.59, pp.108-122, 2020 (Peer-Reviewed Journal)
- XXVI. **Views of Medical Students and Medical Specialty Trainees on Hand Hygiene**  
COŞKUN Ö., KIYAK Y. S., Sik S., Toksoz F., Can A., BUDAKOĞLU I. İ.  
KLİMİK JOURNAL, vol.33, no.2, pp.153-156, 2020 (ESCI)
- XXVII. **Öğretim Tasarımı, Modelleri ve Program Geliştirmeye İlişkisi**  
Kıyak Y. S., Budakoğlu I. İ., Coşkun Ö.  
Tıp Eğitimi Dünyası, vol.19, no.58, pp.5-23, 2020 (Peer-Reviewed Journal)
- XXVIII. **Gazi Üniversitesi Tıp Fakültesi Dönem 2 Öğrencilerinin Algılanan Öğrenme Düzeyleri, Uyku Kaliteleri Ve İçecek Tüketimleri Arasındaki İlişkinin İncelenmesi**  
Kıyak Y. S., Coşkun Ö., Budakoğlu I. İ.  
Tıp Eğitimi Dünyası, vol.18, no.56, pp.56-65, 2019 (Peer-Reviewed Journal)
- XXIX. **BLOKZİNCİRİ, AKILLI KONTRATLAR VE SAĞLIK ALANINDAKİ ÜÇ UYGULAMA ÖRNEĞİ**  
Kıyak Y. S., Coşkun Ö., Budakoğlu I. İ.  
Hacettepe Sağlık İdaresi Derg.\*, vol.2, no.22, pp.457-466, 2019 (Peer-Reviewed Journal)

### **Books & Book Chapters**

- I. **Tıp Eğitiminde Merkezizetsizlik Teknolojilerinin İmkânı: Blokzinciri ve Holochain**  
Kıyak Y. S.  
in: Tıp Eğitiminde İnterdisipliner ve Transdisipliner Uygulamalar, Coşkun Özlem, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.30-35, 2022
- II. **Akran Öğrenimi**  
Kıyak Y. S.  
in: Tıp Öğrencileri İçin Tıp Eğitimi, Işıl İrem Budakoğlu, Cengiz Yakıncı, Editor, İnönü Üniversitesi Yayınevi, Malatya, pp.5-8, 2018

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Artificial General Intelligence: A Potential Threat Comparable to Climate Change and Its Implications**

**for Medical Education**

Kiyak Y. S.

8th Medical Education Day #VIIIJEM, Murcia, Spain, 06 September 2024, pp.3

- II. **Women Representation in Leadership Positions in Medical Education in Turkey: Data from 17939 Faculty Members, 112 Boards, and 246 Journals**  
Erkan B., Erođlu F. S., Koyuncu S. B., Kiyak Y. S.  
AMEE 2024, Basel, Switzerland, 24 - 28 August 2024, pp.739-740
- III. **Gazi Üniversitesi Tıp Fakóltesi'nde Öğretim Üyesi ve Öğrencilerin Klinik Kayıt Tutma Eğitimi Hakkındaki Görüşlerinin Deđerlendirilmesi**  
Emekli E., Coşkun Ö., Budakođlu I. İ., Kiyak Y. S.  
XIII. Ulusal Tıp Eğitimi Kongresi, Ankara, Turkey, 16 - 18 November 2023
- IV. **3D PDF: A Promising Learning Tool for Anatomy Education**  
Erkan B., Erođlu F. S., Koyuncu S. B., Komşal Z. R., Ülker M., Çiçek F. E., Atlan M., Toklu M. E., Kula S., Kiyak Y. S.  
AMEE 2023, Glasgow, England, 26 - 30 August 2023, pp.439-440
- V. **What do Turkish, Spanish, and Pakistani medical students value in specialty training positions? A discrete choice experiment**  
Kiyak Y. S., Budakođlu I. İ., García-Estañ J., Atta K., Coşkun Ö., Koyun E.  
SEDEM 2022: Congreso Nacional y I Congreso Internacional de la Sociedad Española de Educación Médica, Malaga, Spain, 17 - 19 November 2022, pp.76-77
- VI. **Animasyonlu Senaryo ile E-Pdö Deneyimi**  
COŞKUN Ö., ÖZEKE V., KIYAK Y. S., BUDAKOĐLU I. İ.  
XII. Ulusal Tıp Eğitimi Kongresi, Samsun, Turkey, 19 May 2022
- VII. **Kanıtı Dayalı Tıp Eğitimi, Tıp Öğrencilerinin Geleneksel, Tamamlayıcı ve Alternatif Tıbbı ve COVID-19 Hakkındaki Komplo Teorilerine Bakışını Nasıl Etkiliyor?: Ulusal Çapta Bir Çalışma**  
COŞKUN Ö., BUDAKOĐLU I. İ., KIYAK Y. S.  
XII. Ulusal Tıp Eğitimi Kongresi, Samsun, Turkey, 19 May 2022
- VIII. **Klinik Öncesi Dönem Tıp Öğrencileri, Klinik Akıl Yürütme Becerilerini Sadece Olguya Dayalı Çevrimiçi Testleri Cevaplayarak Geliştirebilir mi?: Randomize Kontrollü Bir Deney**  
Kiyak Y. S., Budakođlu I. İ., Bakan Kalaycıođlu D., Kula S., Coşkun Ö.  
XII. Ulusal Tıp Eğitimi Kongresi, Samsun, Turkey, 19 May 2022
- IX. **A Novel Assessment Tool For Clinical Reasoning Skill In Rational Drug Use Training: "ContExtended Questions"**  
Coşkun Ö., Kiyak Y. S., Uluođlu C., Budakođlu I. İ.  
26th National and 1st International Pharmacology Congress, Ankara, Turkey, 04 November 2021, pp.199-200
- X. **Social Accountability Level of a Medical School from the Students Point of View**  
Timurçin U., Budakođlu I. İ., Coşkun Ö., Kiyak Y. S.  
AMEE 2021, 27 - 30 August 2021, pp.677
- XI. **Skills in National Core Curriculum: National Survey of General Practitioners in Turkey**  
COŞKUN Ö., KIYAK Y. S., BUDAKOĐLU I. İ., ÖZTAŞ D., ERDEM Ö.  
92. European General Practice Research Network Conference, Germany, 01 May 2021
- XII. **Mezuniyet Öncesi Dönemde Teletıp Eğitim Programları: Sistemik Bir Derleme**  
Budakođlu I. İ., Sayılır M. Ü., Kiyak Y. S., Coşkun Ö., Kula S.  
13. Tıp Bilişimi Kongresi, İzmir, Turkey, 24 - 27 March 2021, pp.69-74
- XIII. **Çocuk Sağlığı ve Hastalıkları İntörn Hekimlerinin Olguya Dayalı Çok İstasyonlu Elektronik Sınavlarının Deđerlendirilmesi**  
KIYAK Y. S., BUDAKOĐLU I. İ., EĐRİTAŞ GÜRKAN Ö., KAYA Z., ERTOY KARAGÖL H. İ., COŞKUN Ö.  
XI. Ulusal Tıp Eğitimi Çevrim İçi Kongresi, Turkey, 12 - 14 October 2020
- XIV. **Olguya Dayalı Çok İstasyonlu Elektronik Sınav Sorularının UÇEP-2014 ile Uyumunun İncelenmesi**  
KIYAK Y. S., BUDAKOĐLU I. İ., COŞKUN Ö.  
XI. Ulusal Tıp Eğitimi Çevrim İçi Kongresi, Turkey, 12 - 14 October 2020
- XV. **Gazi Üniversitesi Tıp Fakóltesi Dönem 2 Öğrencilerinin Algılanan Öğrenme Düzeyleri, Uyku Kaliteleri**

## **ve İçecek Tüketimleri Arasındaki İlişkinin İncelenmesi**

KIYAK Y. S., BUDAKOĞLU I. İ., COŞKUN Ö.

ULUSAL TIP EĞİTİMİ SEMPOZYUMU 2019, Turkey, 10 - 12 April 2019

## **XVI. Yüz Yüze Yürütülen Probleme Dayalı Öğrenme Sürecinde Yaşanan Sorunlar ve Teknoloji Destekli Çözüm Önerileri**

BUDAKOĞLU I. İ., ÖZEKE V., COŞKUN Ö., KIYAK Y. S.

5th International Instructional Technologies and Teacher Education Symposium, 11 - 13 October 2017

## **Supported Projects**

Kıyak Y. S., Kononowicz A., TUBITAK Project, Automatic Question Generation based on Concept Maps for Clinical Reasoning Assessment, 2023 - 2024

Çiçek F. E., Kıyak Y. S., TUBITAK Project, Tıp Fakültesi Öğrencilerinin Tıpta Yapay Zeka Uygulamaları Kullanımına Hazırlık Durumları: Randomize Kontrollü Çalışma, 2023 - 2024

Eroğlu F. S., Koyuncu S. B., Kıyak Y. S., TUBITAK Project, Tıp Eğitimindeki Yöneticilik ve Liderlik Pozisyonlarında Kadın Temsiliyeti Ne Durumda? Ulusal Çapta Bir Araştırma, 2023 - 2024

Budakoğlu I. İ., Karacan H., Coşkun Ö., Kıyak Y. S., Uluoğlu C., Kula S., TUBITAK Project, Development of Virtual Patient Application Environment in Rational Drug Use Education, 2021 - 2024

Budakoğlu I. İ., Kıyak Y. S., Project Supported by Higher Education Institutions, Developing A New Method and Electronic System for Assessment of Clinical Reasoning Skills in Medical Education, 2020 - 2022

## **Patent**

Budakoğlu I. İ., Kıyak Y. S., Klinik akıl yürütme beceri sistemi ve bunun yöntemi, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2021/019752 , Standard Registration, 2021

## **Activities in Scientific Journals**

BMC MEDICAL EDUCATION, Committee Member, 2024 - Continues

## **Memberships / Tasks in Scientific Organizations**

Tıp Eğitimini Geliştirme Derneği, Member, 2019 - Continues, Turkey

## **Scientific Refereeing**

JOURNAL OF MEDICAL SYSTEMS, Journal Indexed in SCI-E, February 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2024

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, December 2023

MEDICAL TEACHER, Journal Indexed in SCI-E, December 2023

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, December 2023

HEALTH SCIENCE REPORTS, Journal Indexed in ESCI, December 2023

BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, December 2023



JOURNAL OF MEDICAL EDUCATION AND CURRICULAR DEVELOPMENT, Journal Indexed in ESCI, June 2023  
DISCOVER EDUCATION, Other journals, June 2023  
DISCOVER EDUCATION, Other journals, May 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, May 2023  
JOURNAL OF MEDICAL EDUCATION AND CURRICULAR DEVELOPMENT, Journal Indexed in ESCI, May 2023  
BMC HEALTH SERVICES RESEARCH, Journal Indexed in SCI-E, May 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, May 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, April 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, April 2023  
DISCOVER EDUCATION, Other Indexed Journal, April 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, April 2023  
DISCOVER EDUCATION, Other Indexed Journal, April 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, March 2023  
HUMANITIES & SOCIAL SCIENCES COMMUNICATIONS, Journal Indexed in SSCI, March 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, March 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, March 2023  
DISCOVER EDUCATION, Other Indexed Journal, March 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, March 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, March 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, February 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, January 2023  
EDUCATION AND INFORMATION TECHNOLOGIES, Journal Indexed in SSCI, January 2023  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, December 2022  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, November 2022  
EDUCATION AND INFORMATION TECHNOLOGIES, Journal Indexed in SSCI, August 2022  
BMC MEDICAL EDUCATION, Journal Indexed in SCI-E, June 2022  
EDUCATION AND INFORMATION TECHNOLOGIES, Journal Indexed in SSCI, February 2022

## **Metrics**

Publication: 63  
Citation (WoS): 102  
Citation (Scopus): 85  
H-Index (WoS): 6  
H-Index (Scopus): 6

## **Congress and Symposium Activities**

Decentralized Web Camp 2023, Attendee, California, United States Of America, 2023  
12. Ulusal Tıp Eğitimi Kongresi, Attendee, Samsun, Turkey, 2022  
26. Ulusal ve 1. Uluslararası Farmakoloji Kongresi, Attendee, İstanbul, Turkey, 2021

## **Awards**

Kıyak Y. S., Budakoğlu I. İ., Bakan Kalaycıoğlu D., Kula S., Coşkun Ö., En İyi Sözlü Bildiri Ödülü, 12. Ulusal Tıp Eğitimi Kongresi, May 2022

## **Non Academic Experience**

Other Public Institution, Sorgun 7 Nolu Aile Sađlıđı Merkezi / Yozgat, Aile Sađlıđı Merkezi

Public Hospital, Sorgun Devlet Hastanesi / Yozgat, Devlet Hastanesi

Other Public Institution, Sorgun İlçe Sađlık M¼d¼rl¼đ¼ / Yozgat, Sađlık M¼d¼rl¼đ¼