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Publons / Web Of Science ResearcherID: X-1875-2018

ScopusID: 23970353200

Yoksis Researcher ID: 203738

Education

Doctorate, Bogazici University, Institute Of Biomedical Engineering, Biyomedikal Mühendisliği (Dr), Turkey 1996 - 2008

Expertise In Medicine, T.C. Sağlık Bakanlığı Taksim Eğitim Ve Araştırma Hastanesi, Turkey 1994 - 1998

Postgraduate, Bogazici University, Institute Of Biomedical Engineering, Biyomedikal Mühendisliği (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Karadeniz Technical University, Tıp Fakültesi, Turkey 1984 - 1990

Foreign Languages

English, C1 Advanced

Latin, B2 Upper Intermediate

German, C2 Mastery

Certificates, Courses and Trainings

Education Management and Planning, Crew Resource Management Course, Türk Hava Yolları Kriz kaynak Yönetimi Kursu, Türk Hava Yolları, 2017

Education Management and Planning, Hayvan deneyi yapabilme yetkisi alınan Deney Hayvanları Kullanım Kursu, T.C. Bezmi Alem Vakıf Üniversitesi, 2013

Education Management and Planning, University of Bristol - Train the Trainer Certificate,, University of Bristol, 2011

Education Management and Planning, Human Patient Simulator Clinical Training, Medical Simulation Application Course, AQA Training Center, 2007

Dissertations

Doctorate, The effect of dialysis environment and the clinical state of the patients with chronic renal failure on the high flux dialyzers, Bogazici University, Biyomedikal Mühendisliği Enstitüsü, Biyomedikal Mühendisliği (Dr), 2008

Expertise In Medicine, Hemodiyaliz Kalitesini Etkileyen Faktörlerin Taguchi Yöntemiyle Değerlendirilmesi, 1998

Postgraduate, Biocompatibility of dialysis membranes, Bogazici University, Biyomedikal Mühendisliği Enstitüsü, Biyomedikal Mühendisliği (YI) (Tezli), 1996

Research Areas

Biomedical Engineering, Engineering and Technology

Academic Positions

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Vocational School, Biomedical Equipment Technology, 2014 - Continues

Academic and Administrative Experience

Acibadem Mehmet Ali Aydınlar University, 2017 - 2019

Acibadem Mehmet Ali Aydınlar University, 2014 - 2017

Courses

Undergraduate

MED-608 Simulated Clinical practice, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

EMED-004 Potential Risks of Hospital Environment, Undergraduate, 2018 - 2019, 2017 - 2018

MED-252 Potential Risks of Hospital Environment, Undergraduate, 2016 - 2017

Associate Degree

BCT110 - Tıbbi Görüntüleme Cihazları, Associate Degree, 2023 - 2024

Diyaliz Makineleri Kullanımı ve Bakımı, Associate Degree, 2022 - 2023

Sterilizasyon Sistemleri, Associate Degree, 2023 - 2024

BCT 108-Tedavi Cihazları, Associate Degree, 2023 - 2024

Biyomalzeme, Associate Degree, 2022 - 2023

BCT-202 Sterilizasyon Cihazları, Associate Degree, 2022 - 2023

BCT-110 Tıbbi Görüntüleme Cihazları, Associate Degree, 2022 - 2023

Tedavi Cihazları, Associate Degree, 2020 - 2021

Sterilizasyon Cihazları, Associate Degree, 2020 - 2021

Tıbbi Görüntüleme Cihazları, Associate Degree, 2020 - 2021

BCT-209 Destek Sistem ve Cihazları, Associate Degree, 2018 - 2019

DYZ-142 Diyaliz Makinaları Kullanımı ve Bakımı, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017

BCT-208 Fizyolojik Sinyal İzleyiciler, Associate Degree, 2017 - 2018

ENT-272 Nörofizyoloji Cihaz ve Ekipman Teknolojisi, Associate Degree, 2015 - 2016, 2014 - 2015

PRF-132 Biyomedikal, Associate Degree, 2014 - 2015

Supervised Theses

Öztürk C., Aksoy M. E., Creating an Efficiency Index for Surgical Trainings by Using Optical Brain Imaging and Electrodermal Activity Changes, Doctorate, F.Üçrak(Student), Continues

Ünver V., Aksoy M. E., İleri Yaşam Desteğinde Simülasyonla Genişletilmiş Meslekler Arası Eğitimin Etkinliğinin İncelenmesi, Doctorate, Z.BELHAN(Student), Continues

Öztürk C., Aksoy M. E., Virtual reality-based advanced life support serious game, Postgraduate, A.EKİN(Student), 2024

Eren B., Aksoy M. E., The Sustainability of Medical Simulation Centers in Universities: Stakeholders' Views, Postgraduate, B.Ataş(Student), 2023

Aksoy M. E., Uğur E., EVALUATION OF THE EFFECTIVENESS OF SIMULATION SUPPORTED HYPOGLYCEMIA TRAINING PROVIDED TO FINAL YEAR NURSING STUDENTS USING CRISIS RESOURCE MANAGEMENT, Postgraduate,

Z.BELHAN(Student), 2019

Erkmen B., Aksoy M. E., Laparoskopik cerrahi simülasyonlarında öğrenme düzeyinin elektroensefalografi sinyali analizi ile değerlendirilmesi, Postgraduate, F.ÜCRACK(Student), 2017

Aksoy M. E., Kamaşak M. E., Evaluation and comparison of image quality for indirect flat panels with CsI and GOS scintillators, Postgraduate, E.AKKUR(Student), 2011

Jury Memberships

Post Graduate, Post Graduate, Yeditepe Üniversitesi, April, 2023

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Comparing Behavioral and Neural Activity Changes During Laparoscopic and Robotic Surgery Trainings**
Aksoy M. E., Izzetoglu K., Utkan N. Z., Agrali A., Yoner S. I., Bishop A., Shewokis P. A.
JOURNAL OF SURGICAL EDUCATION, vol.82, no.5, 2025 (SCI-Expanded)
- II. **The Impact of Minimally Invasive Surgical Modality and Task Complexity on Cognitive Workload: An fNIRS Study**
Ücrak F., Izzetoglu K., Polat M. D., Gür Ü., Şahin T., Yoner S. I., İnan N. G., Aksoy M. E., Öztürk C.
BRAIN SCIENCES, vol.15, no.4, pp.387-407, 2025 (SCI-Expanded)
- III. **Examining the effect of virtual reality application on pain and anxiety in the care of chronic wounds on the leg**
Belhan Z., Muhan R., Aksoy M. E., Ozker E., Unver V.
JOURNAL OF TISSUE VIABILITY, vol.2, pp.1-6, 2025 (SCI-Expanded)
- IV. **Enhancing Immersion in Virtual Reality-Based Advanced Life Support Training: Randomized Controlled Trial.**
Kitapcioglu D., Aksoy M. E., Ozkan A. E., Usseli T., Cabuk Colak D., Torun T.
JMIR serious games, vol.13, 2025 (SCI-Expanded)
- V. **Revisiting the external urethral sphincter: new anatomical insights from a human cadaver study**
Barlas I. S., Aybal H. C., Duvarci M., Akdagcık Z., AKSOY M. E., SAĞLİCAN Y., PEKER T. V., Guven S., Tunc L.
WORLD JOURNAL OF UROLOGY, vol.42, no.1, 2024 (SCI-Expanded)
- VI. **Comparing Learning Outcomes of Machine-Guided Virtual Reality-Based Training With Educator-Guided Training in a Metaverse Environment: Randomized Controlled Trial.**
Kitapcioglu D., Aksoy M. E., Ozkan A. E., Usseli T.
JMIR serious games, vol.12, 2024 (SCI-Expanded)
- VII. **Endoscopy-assisted high cervical anterolateral retropharyngeal approach to clivus: a cadaveric study**
Cicek C., Orhun O., Cevik O. M., Rzayeva L., GUDUK M., USSELI M. İ., AKSOY M. E., Emel E., Pamir M. N., BOZKURT B.
FRONTIERS IN SURGERY, 2024 (SCI-Expanded)
- VIII. **Implementation of a high fidelity simulation based training program for physicians of children requiring long term invasive home ventilation: a study by ISPAT team**
Bas İkizoglu N., Atag E., Ergenekon P., Gokdemir Y., Uyan Z. S., Girit S., Kilinc Sakalli A. A., Erdem Eralp E., Cakir E., Guven F., et al.
FRONTIERS IN PEDIATRICS, vol.12, pp.1-8, 2024 (SCI-Expanded)
- IX. **Topographic anatomy of the lateral surface of the parietal lobe and its relationship with white matter tracts**
Oğlin V., Orhun Ö., Quiñones-Hinojosa A., Middlebrooks E. H., Çevik O. M., Usseli M. İ., Güdük M., Aksoy M. E., Pamir M. N., Bozkurt B.
FRONTIERS IN NEUROANATOMY, vol.18, 2024 (SCI-Expanded)

- X. **Assessment of learning in simulator-based arthroscopy training with the diagnostic arthroscopy skill score (DASS) and neurophysiological measures.**
Aksoy M. E., kocaoglu B., İzzetoglu K., Agrali A., Yoner S. I., Polat M. D., Kayaalp M. E., Yozgatli T. K., Kaya A., Becker R. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA, vol.31, no.12, pp.5332-5345, 2023 (SCI-Expanded)
- XI. **Comparing the Outcomes of Virtual Reality–Based Serious Gaming and Lecture–Based Training for Advanced Life Support Training: Randomized Controlled Trial**
Aksoy M. E., Ozkan A. E., Kitapcioglu D., Usseli T.
JMIR Serious Games, vol.11, pp.1-13, 2023 (SCI-Expanded)
- XII. **Extreme lateral lumbar interbody fusion surgery with a robot-assisted system in a swine model**
Berikol G., Gungor A., Goztepe M. B., Ozoner B., Ayhan S., Akpinar E., Canbolat C., Aksoy M. E., Eksi M. S.
TURKISH NEUROSURGERY, no.22, pp.1-7, 2022 (SCI-Expanded)
- XIII. **Determination of Face and Content Validity of Cadaveric Model for Holmium Anatomic Endoscopic Enucleation of the Prostate Training: An ESUT AEEP Group Study**
TUNÇ L., Bozzini G., Scoffone C. M., Guven S., Hermann T., Porreca A., Misrai V., Ahyai S., Zor M., AKSOY M. E., et al.
EUROPEAN UROLOGY OPEN SCIENCE, vol.32, pp.28-34, 2021 (SCI-Expanded)
- XIV. **Studying Brain Activation during Skill Acquisition via Robot-Assisted Surgery Training**
Izzetoglu K., AKSOY M. E., Agrali A., KİTAPÇIOĞLU D., GÜNGÖR M., Simsek A.
BRAIN SCIENCES, vol.11, no.7, 2021 (SCI-Expanded)
- XV. **The Carotid Endarterectomy Cadaveric Investigation for Cranial Nerve Injuries: Anatomical Study**
Cevik O. M., Usseli M. İ., Babur M., Unal C., Eksi M. Ş., Guduk M., Ovalioglu T. C., Aksoy M. E., Pamir M. N., Bozkurt B.
BRAIN SCIENCES, vol.11, no.2, 2021 (SCI-Expanded)
- XVI. **Comparing Basic Life Support Serious Gaming Scores With Hands-on Training Platform Performance Scores: Pilot Simulation Study for Basic Life Support Training.**
Aksoy M. E.
JMIR serious games, vol.8, 2020 (SCI-Expanded)
- XVII. **Team performance training for medical students: Low vs high fidelity simulation**
Nicolaidis M., Theodorou E., Emin E. I., Theodoulou I., Andersen N., Lymperopoulos N., Odejinmi F., KİTAPÇIOĞLU D., AKSOY M. E., Papalois A., et al.
ANNALS OF MEDICINE AND SURGERY, vol.55, pp.308-315, 2020 (SCI-Expanded)
- XVIII. **Performance Monitoring via Functional Near Infrared Spectroscopy for Virtual Reality Based Basic Life Support Training**
Aksoy E., Izzetoglu K., Baysoy E., Agrali A., KİTAPÇIOĞLU D., Onaral B.
FRONTIERS IN NEUROSCIENCE, vol.13, 2019 (SCI-Expanded)
- XIX. **A Short-Term In Vivo Evaluation of the Istanbul Heart Left Ventricular Assist Device in a Pig Model.**
Lazoglu I., Kucukaksu D., Ozturk C., Aka I., Bakuy V., Arat N., Yalcin O., Ugurel E., Celikbilek E., Aksoy E., et al.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, 2019 (SCI-Expanded)
- XX. **The effect of web-based learning in pediatric basic life support (P-BLS) training**
AKSOY M. E., GÜVEN F., SAYALI M. E., KİTAPÇIOĞLU D.
COMPUTERS IN HUMAN BEHAVIOR, vol.94, pp.56-61, 2019 (SCI-Expanded)
- XXI. **Comparing the Effects on Learning Outcomes of Tablet-Based and Virtual Reality-Based Serious Gaming Modules for Basic Life Support Training: Randomized Trial**
Aksoy E.
JMIR SERIOUS GAMES, vol.7, no.2, 2019 (SCI-Expanded)
- XXII. **The role of simulation training in anaesthesiology**
Sivrikaya G. U., Aksoy M. E.
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.30, no.1, pp.41-42, 2013 (SCI-Expanded)
- XXIII. **The effect of hemodialysis environment and reuse solution on the stability of high flux polyamide membranes**
Neslihan S., Emin A. M., Cuma B., Metin U., Hikmet U. A.

Articles Published in Other Journals

- I. **Is the brightness- contrast level of virtual reality videos significant for visually induced motion sickness? Experimental real-time biosensor and self-report analysis**
Ugur E., Konukseven B. O., Ergen M., Aksoy M. E., Yoner S. I.
Frontiers in Virtual Reality, vol.5, 2024 (Scopus)
- II. **Comparison of The Effects of The in Situ Simulation and Simulated Clinical Immersion Methods on Cancer Nursing Students' Extravasation Management: Randomized Controlled Trial**
Kocatepe V., Uslu Y., Ünver V., Kayış A., Karabacak Ü., Aksoy M. E.
Izmir Democracy University Health Sciences Journal, vol.6, no.2, pp.348-359, 2023 (Peer-Reviewed Journal)
- III. **Cognitive Load Quantified via Functional Near Infrared Spectroscopy During Immersive Training with VR Based Basic Life Support Learning Modules in Hostile Environment**
Aksoy M. E., Kitapçioğlu D., Yoner S. I., Usseli T.
vol.1, no.1, pp.359-372, 2023 (Conference Book)
- IV. **Teaching and Assessment of Medical Students During Complex Multifactorial Team-Based Tasks: The "Virtual on Call" Case Study**
Emin E. I., Emin E., Bimpis A., Pierides M., Dedeilia A., Javed Z., Rallis K., Saeed F., Theophilou G., Karkanevatos A., et al.
Advances in Medical Education and Practice, vol. Volume 13, pp.457-465, 2022 (ESCI)
- V. **Evaluation of A Simulation-Based Clinical Preparation Program for Unstable Patient Management**
KİTAPÇIOĞLU D., YAYLACI S., YILDIZ İNANICI S., AKSOY M. E., GÜLPINAR M. A.
JOURNAL OF SYSTEMICS CYBERNETICS AND INFORMATICS, no.2, pp.41-44, 2021 (Peer-Reviewed Journal)
- VI. **Evaluation of Simulation Based Education Clinical Preparation Program for Unstable Patient Management**
Kitapçioğlu D., Yaylacı S., Yıldız İnanıcı S., Aksoy M. E., Gülpınar M. A.
SYSTEMICS, CYBERNETICS AND INFORMATICS, vol.19, no.2, pp.41-44, 2021 (Peer-Reviewed Journal)
- VII. **An Ultrasound Guided Percutaneous BreastBiopsy Simulator with Haptic Feedback**
AKSOY M. E.
İstanbul Kanuni Sultan Süleyman Tıp Dergisi, vol.11, pp.207-212, 2019 (Peer-Reviewed Journal)
- VIII. **Serious Gaming as an Additional Learning Tool for Medical Education**
AKSOY M. E., Sayali M. E.
International Journal of Educational Technology and Learning, vol.5, pp.52-59, 2019 (Peer-Reviewed Journal)
- IX. **Paramedik Öğrencilerinin Eğitiminde İleri Düzey Simülatör Kullanarak Yapılan Medikal Simülasyon Uygulamalarının Etkinliğinin Değerlendirilmesi**
Güven F., KİTAPÇIOĞLU D., YAYLACI S., Hatipoğlu C., AKSOY M. E.
Gaziosmanpaşa Üniversitesi Tıp Fakültesi Dergisi, vol.6, pp.68-75, 2019 (Peer-Reviewed Journal)
- X. **Mezuniyet Sonrası Tıp Eğitiminde Simülasyona Dayalı Uygulamalar**
KİTAPÇIOĞLU D., AKSOY M. E.
Türkiye Klinikleri, vol.2, pp.65-69, 2017 (Peer-Reviewed Journal)
- XI. **Integrating medical simulation programs into the Turkish undergraduate medical curriculum**
Kitapçioğlu D., Aksoy M. E.
ADVANCES IN MEDICAL EDUCATION AND PRACTICE, vol.7, pp.29-30, 2016 (Peer-Reviewed Journal)
- XII. **Where are we in simulation training? SIMMERK Turkey experiences.**
Erkalp K., Cokay f. y., Kitapçioğlu D., Eren G., AKSOY M. E., Yumru C., Sivrikaya G. U., Kocer Gul E., Toprak N., Paksoy I.
Middle East journal of anaesthesiology, vol.22, pp.127-8, 2013 (Peer-Reviewed Journal)
- XIII. **Simulation Education Of Anaesthesiology And Reanimation Residents: Simmerk® Experience Of The Four Years**

Erkalp K, Cokay f. y., Kitapcioglu D., Eren G., AKSOY M. E., Yumru C., Sivrikaya G. U., Kocer Gul E., Toprak N., Paksoy I., et al.

Journal of Cardio-Vascular-Thoracic Anaesthesia and Intensive Care Society, vol.19, pp.23-30, 2013 (Peer-Reviewed Journal)

XIV. Does management of cardiac arrest scenarios differ between residents of different disciplines? A comparison with simulation.

AKSOY M. E., Kitapcioglu D., Eren G., Yumru C.

Middle East journal of anaesthesiology, vol.21, pp.693-8, 2012 (Peer-Reviewed Journal)

XV. İntervenöz Diltiazemin Supraventriküler Taşikardilerin ve Atrial Fibrilasyonun Akut Tedavisinde Etkinliği ve Güvenilirliği

Alicanoğlu R., Buğdaycı A. O., Erdoğan A., Çelebi A., Sayali M. E., AKSOY M. E.

Türkiye Klinikleri Journal of Cardiology, vol.9, pp.105-109, 1996 (Peer-Reviewed Journal)

XVI. Erken dumping sendromu ve cerrahi tedavisi

Yılmaz C., AKSOY M. E., Özbay M., Göktaş İ., Er M.

Taksim Hastanesi Tıp Bülteni, vol.25, pp.30-34, 1995 (Peer-Reviewed Journal)

Books

I. Sağlıkta Sanal Gerçeklik

Aksoy M. E.

in: Teletıp & Klinik Yapay Zeka, Nilgün Bozboğa, Cengiz Yakıncı, Editor, İnönü Üniversitesi Yayınları, Ankara, pp.73-78, 2021

II. Sağlıkta Sanal Gerçeklik

AKSOY M. E.

in: Teletıp & Klinik Yapay Zeka, Nilgün Bozboğa, Cengiz Yakıncı, Editor, İnönü Üniversitesi Yayınları, Ankara, pp.64-73, 2021

III. Ciddi Oyun Teknolojilerinin Medikal Simülasyon Alanında Kullanılması

AKSOY M. E.

in: Türkiye Klinikleri Anesteziyoloji Reanimasyon - Özel Konular MEDİKAL SİMÜLASYON, Kerem Erkalp, Editor, Türkiye Klinikleri Yayın Seri No: 820 Yayınevi/Matbaa Sertifika No: 48768, Ankara, pp.21-24, 2021

IV. Tıp Eğitiminde Dijitalleşme

Aksoy M. E.

in: Sağlık Bilişimi, İlker Köse, Editor, İstanbul Medipol Üniversitesi, İstanbul, pp.307-314, 2020

V. Tıp Eğitiminde Dijitalleşme

AKSOY M. E.

in: Sağlık Bilişimi, İlker Köse, Editor, İstanbul Medipol Üniversitesi, İstanbul, pp.307-314, 2020

VI. Medikal Simülasyonun Geleceği

Aksoy M. E.

in: Sağlık Bilimlerinde Simülasyon: Kavramdan Uygulamaya, Prof. Dr. Ükke Karabacak, Doç. Dr. Esra Uğur, Editor, Nobel Yayın Dağıtım, İstanbul, pp.93-100, 2019

VII. Medikal Simülasyon Terminolojisi: Medikal Simülasyonun ABC'si

AKSOY M. E., Kitapcioglu D., Sayali M. E., GÜVEN F.

Nobel Tıp Kitabevleri, İstanbul, 2017

VIII. Medikal Simülasyon Terminolojisi :Medikal Simülasyonun ABC'si Yayın no:5170968

AKSOY M. E., KİTAPÇIOĞLU D., Guven F., Sayali M. E.

Nobel Tıp Kitabevi, İstanbul, 2017

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Elektronik Öğrenme / Simülasyon Modelleri**
AKSOY M. E.
18. Ulusal Cerrahi Kongresi, İzmir, Turkey, 23 May 2012 - 27 May 2102
- II. **IS EDUCATOR GUIDED TRAINING IN METAVERSE ENVIRONMENT SUPERIOR TO MACHINE GUIDED VR-BASED ADVANCED CARDIAC LIFE SUPPORT TRAINING?**
KİTAPÇIOĞLU D., AKSOY M. E.
IMSH2025, United States Of America, 11 - 14 January 2025, (Summary Text)
- III. **Multipl Skleroz Hastalarında Sanal Gerçeklik Temelli Aerobik Egzersiz Sonrası Kognitif Performans: Pilot Çalışma**
SEVİK DÖNDERİCİ M., İzzetoğlu K., YÖNER S. I., KARABUDAK R., DEMİR S., AKSOY M. E., KILINÇ M.
Klinik Nörolojik Rehabilitasyon Kongresi 2024, İstanbul, Turkey, 2 - 03 November 2024, (Summary Text)
- IV. **COMPARING THE ACUTE PHYSICAL AND COGNITIVE EFFECTS OF DIFFERENT EXERCISE TYPES IN PEOPLE WITH MULTIPLE SCLEROSIS: CASE REPORT**
SEVİK DÖNDERİCİ M., İZZETOĞLU K., YÖNER S. I., AKSOY M. E., KILINÇ M.
2. International Congress on Physiotherapy (ICPTT), Alexandroupoli, Greece, 03 October 2024, vol.3, pp.5, (Summary Text)
- V. **PRESENT AND FUTURE OF MEDICAL SIMULATION**
Bozkır G., Aksoy M. E., Bektaş G.
5th International ACHARAKA Congress on Medicine, Nursing, and Health Sciences , İzmir, Turkey, 11 - 13 November 2023, pp.4-6, (Summary Text)
- VI. **The Comparison of Virtual Reality Based Serious Gaming Versus Lecture Based Adult Basic Life Support Training Method: Randomized Trial**
Usseli T., Kitapçioğlu D., Aksoy M. E.
14th World Congress of Nurse Anesthetists and 15th International Congress of Croatian Nurses Society of Anesthesia, Shibenik, Croatia, 02 May 2022, (Full Text)
- VII. **Kriz Kaynak Yönetimi Kullanılarak Verilen Simülasyon Destekli Hipoglisemi Eğitiminin Etkinliğinin Değerlendirilmesi**
Belhan Z., Uğur E., Aksoy M. E.
23. Ulusal İç Hastalıkları Kongresi, Girne, Cyprus (Kktc), 6 - 10 October 2021, vol.1, pp.218, (Summary Text)
- VIII. **Effect of Robotic Surgery Simulators in Training Assessed by Functional Near-Infrared Spectroscopy (fNIRs)**
AKSOY M. E., İzzetoglu K., Agrali A., KİTAPÇIOĞLU D., GÜNGÖR M., Şimşek A.
22ND INTERNATIONAL CONFERENCE ON HUMAN-COMPUTER INTERACTION, Copenhagen, Denmark, 19 - 24 July 2020, pp.271-278, (Full Text)
- IX. **Assessing Intravenous Catheterization Simulation Training of Nursing Students Using Functional Near-Infrared Spectroscopy (fNIRs)**
Aksoy M. E., Izzetoglu K., Agrali A., Uğur E., Kocatepe V., Kitapçioğlu D., Baysoy E., Karabacak Ü.
International Conference on Human-Computer Interaction, Washington, United States Of America, 19 - 24 July 2020, pp.3-13, (Full Text)
- X. **Hemşirelikte Beceri Öğretimini Birseyselleştirmede Yeni Bir Değerlendirme Yaklaşımı:Optik Beyin Görüntüleme Kullanımı**
AKSOY M. E., Izzetoglu K., UĞUR E., BAYSOY E., KOCATEPE V., KİTAPÇIOĞLU D., KARABACAK Ü., ağralı a.
5. Ulusal ve 1.Uluslararası Temel Hemşirelik Bakımı Kongresi, Antalya, Turkey, 6 - 08 December 2019, pp.11, (Summary Text)
- XI. **VR/AR in Healthcare Simulation**
AKSOY M. E.
Simulation in Medical Education Conference 2019, İstanbul, Turkey, 13 - 15 November 2019
- XII. **Sağlık Eğitimde Yüksek Teknolojinin Kullanımı**
AKSOY M. E.
Tıptaki Güncel Teknolojik Gelişmeler, Kocaeli, Turkey, 12 November 2019
- XIII. **Robotic Surgical Approach to Mesiotemporal Region Anatomical Study**

Akbaş A., GÜNGÖR A., TUĞCU B., EKŞİ M. Ş., GÜDÜK M., AKSOY M. E., PAMİR M. N.

4th Clinical Neuroscience Course, 17 - 19 October 2019, (Full Text)

- XIV. **Travma ve Acil Cerrahi Eğitiminde Simülasyon**
AKSOY M. E.
12. Ulusal Travma ve Acil Cerrahi Kongresi, Antalya, Turkey, 9 - 13 September 2019
- XV. **Simulation based Learning for (SBL) for Pediatrics clerkship students**
Güven F., KİTAPÇIOĞLU D., Sayali M. E., AKSOY M. E.
AMEE 2018 Conference Switzerland, 25 August 2018 - 29 August 2019, (Summary Text)
- XVI. **simulation based learning for pediatrics clerkship students**
Güven F., Kitapçioğlu D., Sayali M. E., Aksoy M. E.
AMEE 2018 CONFERENCE, Basel, Switzerland, 25 - 29 August 2019, pp.3, (Summary Text)
- XVII. **Changes in Prefrontal Cortex's EEG Based Functional Connectivity During Laparoscopic Simulation Training**
Keskin S., Aksoy M. E., Uçrak F., Bayram M. S. B., Özcan İ. A.
2019 41st Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Berlin, Germany, 23 - 27 July 2019, (Summary Text)
- XVIII. **Simülasyon Eğitiminde Gelecekte Bizleri Neler Bekliyor?**
AKSOY M. E.
1. Ulusal Hemşirelik Öğrencileri Simülasyon Sempozyumu, İstanbul, Turkey, 11 - 12 May 2019
- XIX. **MEZİOTEMPORAL BÖLGEYE POSTERİOR SUPRASEREBELLAR TRANSTENTORYAL ROBOTİK CERRAHİ YAKLAŞIM ANATOMİK ÇALIŞMA**
GÜNGÖR A., TUĞCU B., Akbaş A., EKŞİ M. Ş., GÜDÜK M., AKSOY M. E., PAMİR M. N.
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- XX. **MEZİOTEMPORAL BÖLGEYE POSTERİOR SUPRASEREBELLAR TRANSTENTORYAL ROBOTİK CERRAHİ YAKLAŞIM: ANATOMİK ÇALIŞMA**
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- XXI. **İstanbul İl Sağlık Müdürlüğü Büttesinde Kuruluan Biyomedikal Mühendislik Şubesinin Sağlıkta Performans ile İlgili Aktiviteleri**
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- XXII. **Assessing Correlation Between Virtual Reality Based Serious Gaming Performance and Cognitive Workload Changes via Functional Near Infrared Spectroscopy**
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- XXIII. **Clinical Simulation on Biomedical and Clinical Engineering in The Arab Countries**
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- XXIV. **Clinical Simulation, Impact on The Quality of Patient Care**
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- XXV. **Simulation Based Learning (SBL) for Pediatrics Clerkship Students: A Preparation Program for Clinical Practice**
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- XXVI. **SİMULATİON BASED LEARNING FOR PEDIATRİCS CLERKSHİP STUDENTS**

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4. Minimal İnvaziv ve Robotik Kalp Damar Cerrahisi Kongresi MIRC 2018, İstanbul, Turkey, 21 - 23 June 2018

XXVIII. Undergraduate and postgraduate medical simulation courses organized at Acibadem University CASE

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13TH INTERNATIONAL MEDICAL EDUCATION CONFERENCE - From Personalised Learning to Mastery of Competencies: Impact of Technology and Simulation on Health Professionals, Kuala-Lumpur, Malaysia, 13 - 15 April 2018

XXX. Acibadem Mehmet Ali Aydınlar Üniversitesi CASE Kuruluş Öyküsü

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XXXI. Medikal Simülasyon Teknolojileri

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XXXIII. Tıp Eğitiminde Ciddi Oyunun Eğitim Yöntemi Olarak Didaktik Eğitimle Karşılaştırılması

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XXXIV. Cerrahide Simülasyon

AKSOY M. E.

9. Cerrahi Araştırma Kongresi, Kocaeli, Turkey, 11 - 12 November 2017

XXXV. Crisis Resource Management Training for Undergraduate Medical Students

AKSOY M. E., KİTAPÇIOĞLU D., Sayalı M. E., Guven F., Boralı B.

3rd NASCE Scientific Meeting Lund, 12 - 13 October 2017

XXXVI. CRM (Crisis Resource Management) Training for Undergraduate Medical Students

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XXXVII. AMEE / ADEE Roundtable Discussion - Accredited Skills Centers for Simulation

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XXXVIII. Survey on medical students' opinion about a simulation based program for pediatric emergencies

GÜVEN F., Sayalı M. E., Kitapçioğlu D., AKSOY M. E.

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- XLII. How to design a medical simulation center?**
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- XLIII. A serious game module as a complementary tool for Basic life support courses**
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- LI. Creating a web based serious game module for teaching Basic Life support as acomplementary tool for simulation based trainings in Healthcare**
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- LIII. Experience in Simulation**

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- LV. **İleri Yaşam Desteği Simülasyon Uygulamalarında Hemşirelik 4. Sınıf Öğrencilerinin Performanslarının Değerlendirilmesi**
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- LVIII. **Paramedic Students Approach to Drowning in Simulated Environment with High Fidelity Simulators**
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- LXII. **Assessment of pediatric residents 'xxtechnical and non technical skills on encountered emergencies**
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- LXV. **Medical Simulation: From Aviation to Medicine and Beyond**
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- LXVI. **The Role of Virtual Reality Simulators in The Evaluation of Laparoscopic Surgery Skills: Our Initial Experience with Preliminary Results**
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- LXVII. **Evaluation and comparison of image quality for indirect flat panel systems with CsI and GOS scintillators**
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- LXX. **Retrospective Analysis of Our Training Programme at Our Simulation Center (Simmerk)**
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- LXXI. **Türkiye'xxde Medikal Simülasyon Uygulamaları**
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- LXXII. **Bone as Composite Materials**
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- LXXVIII. **The Effects of Different Antiembolic Agents on The Crystallinity of Fractured Bones during The Healing Period**
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- LXXIX. **Stability of Polymeric Hollow Fibers Used in Hemodialysis**
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- LXXXV. **Quality of water used in water treatment systems for hemodialysis**
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AKSOY M. E., Konduk B. A., Sancaklı O., Üçışık A. H., Karakullukçu F.
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Funded Projects

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Aksoy M. E., Özkan M. K., TUBITAK Project, 1190218 - İNSAN FİZYOLOJİSİ MODELLEMELİ KARMA GERÇEKLİK ALGOLOJİ SİMULATÖRÜ1511 Öncelikli Alanlar Araştırma Teknoloji Geliştirme ve Yenilik Projeleri Destekleme Programı, 2020 - 2021
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Memberships and Roles in Scientific Organizations

NASCE (Network of Accredited Skills Centers in Europe), Chairman, 2018 - Continues, Belgium
Society for Simulation in Healthcare, Member, 2013 - Continues, United States Of America

Medsimder, Chairman, 2011 - 2014, Turkey

Peer Reviews in Scientific Publications

JMIR Serious Games, Journal Indexed in SCI-E, July 2023
BMC MEDICAL EDUCATION, SCI Journal, July 2023
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Scientific Project Refereeing

TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, September 2022
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Scientific Consultations

Tübitak , Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2022 - Continues
Tübitak , Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2020 - Continues
Tübitak, Project Consultancy, Acibadem Mehmet Ali Aydinlar University, Vocational School, Biomedical Equipment Technology, Turkey, 2017 - 2019
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Türkmenistan Sağlık Bakanlığı, Scientific Consultancy, Turkey, 2011 - 2013

Metrics

Publication: 135
Citation (WoS): 137
Citation (Scopus): 112
H-Index (WoS): 5
H-Index (Scopus): 6

Congress and Symposium Activities

SESAM 2024 Prague, Invited Speaker, Praha, Czech Republic, 2024
OTdigital - Congress for Digitalisation in Orthopaedics & Traumatology, Invited Speaker, Berlin, Germany, 2023
14. Ulusal Travma ve Acil Cerrahi Kongresi, Invited Speaker, Antalya, Turkey, 2023
12th World Congress of World Institute of Pain, Invited Speaker, Antalya, Turkey, 2023
Endoscopic Laparoscopic Surgeons of Asia (ELSA) Congress 2023, Session Moderator, İstanbul, Turkey, 2023
Çocuk Cerrahisi Pediatrik Üroloji Kongresi, Invited Speaker, Aydın, Turkey, 2022
6. Ulusal 2. Uluslararası Temel Hemşirelik Bakımı Kongresi , Invited Speaker, İstanbul, Turkey, 2022
6th NASCE Scientific Meeting, Session Moderator, Athens, Greece, 2022
Tıbbın Sosyolojik Dönüşümü ve Cerrahinin Geleceğine Analitik Projeksiyon, Invited Speaker, Ankara, Turkey, 2022
III. Uluslararası Sağlıkta Yapay Zeka Kongresi, Invited Speaker, İzmir, Turkey, 2022
Sağlık Teknolojileri Zirvesi, Invited Speaker, İstanbul, Turkey, 2021
SAĞLIK EĞİTİMİNDE SİMÜLASYON ULUSAL KONGRESİ, Invited Speaker, Trabzon, Turkey, 2021
7. Cerrahi Araştırma Kongresi , Invited Speaker, Ankara, Turkey, 2013

Awards

Aksoy M. E., Kitapçoğlu D., Best Innovation Award, Society For Simulation İn Healthcare, January 2023
Aksoy M. E., IMSH Serious Games and Virtual Environments, Best in Show Award -Runner Up, Society For Simulation İn Healthcare,, January 2019
Aksoy M. E., Mention Award for Excellence by Academic Faculty and Staff, Imsh Serious Games And Virtual Environments, January 2018
Aksoy M. E., Winning poster award, Nextmed Medicine Meets Virtual Reality Meeting, April 2016