

Expert PhD OZAN CAN TATAR

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAR-8524-2020

ScopusID: 57189492430

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Education Information

Expertise In Medicine, Kocaeli University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, Turkey 2019 - 2024

Undergraduate, Kocaeli University, Tıp Fakültesi, Turkey 2012 - 2018

Foreign Languages

German, C1 Advanced

English, C2 Mastery

Certificates, Courses and Trainings

Health&Medicine, Colorectal Surgery Internship, Cleveland Clinic , 2016

Health&Medicine, Drosatos Lab Trainee, Temple University School of Medicine, 2015

Research Areas

Surgery Medicine Sciences

Academic Titles / Tasks

Research Assistant PhD, Kocaeli University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2019 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- Vulvar necrotizing wounds: Unveiling mortality-associated parameters and assessing the efficacy of VAC therapy**
UZELLİ ŞİMŞEK H., TATAR O. C., ŞİMŞEK T.
European Journal of Obstetrics and Gynecology and Reproductive Biology, vol.303, pp.48-52, 2024 (SCI-

Expanded)

- II. **DrainNet: AI-driven decision support in pneumothorax and pleural effusion management**
TATAR O. C., AKAY M. A., METİN S.
PEDIATRIC SURGERY INTERNATIONAL, vol.40, no.1, 2024 (SCI-Expanded)
- III. **Surgical Insight-guided Deep Learning for Colorectal Lesion Management**
Tatar O. C., Çubukçu A.
Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, vol.34, no.6, pp.559-565, 2024 (SCI-Expanded)
- IV. **Nationwide prospective audit for the evaluation of appendicitis risk prediction models in adults: Right iliac fossa treatment (RIFT) - Turkey**
Yalcinkaya A., YALÇINKAYA A., Balci B., Keskin C., Erkan I., Yildiz A., Kamer E., LEVENTOĞLU Ö. S., Caglikulekci M., Zarbaliyev E., et al.
BJS Open, vol.8, no.5, 2024 (SCI-Expanded)
- V. **XRAInet: AI-based decision support for pneumothorax and pleural effusion management**
Akay M. A., Tatar O. C., Metin S., Tatar E., Tağman B. N., Varlıklı O.
PEDIATRIC PULMONOLOGY, vol.2024, pp.1-6, 2024 (SCI-Expanded)
- VI. **Artificial Intelligence Unveils Weight Loss Success: Predicting Sleeve Gastrectomy Outcomes**
TATAR O. C., GÜLER S. A.
BARIATRIC SURGICAL PRACTICE AND PATIENT CARE, no.2, pp.89-94, 2024 (SCI-Expanded)
- VII. **Unveiling new patterns: A surgical deep learning model for intestinal obstruction management**
TATAR O. C., AKAY M. A., TATAR E., METİN S.
INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY, vol.20, no.1, 2024 (SCI-Expanded)
- VIII. **Evaluation of a quality improvement intervention to reduce anastomotic leak following right colectomy (EAGLE): pragmatic, batched stepped-wedge, cluster-randomized trial in 64 countries**
Avellaneda N., Al Masri M., Baimakhanov A., Balasubramaniam D., Bhangu A., Bouchagier K., Bozbiyik O., Carpelan A., Chwat C., Cunha M., et al.
BRITISH JOURNAL OF SURGERY, vol.111, no.1, 2024 (SCI-Expanded)
- IX. **Safety and efficacy of intraperitoneal drain placement after emergency colorectal surgery: An international, prospective cohort study.**
Sgrò A., Blanco-Colino R., Ahmed W., Brindl N., Gujjuri R. R., Lapolla P., Mills E. C., Pérez-Ajates S., Soares A. S., Varghese C., et al.
Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland, vol.25, no.10, pp.2043-2053, 2023 (SCI-Expanded)
- X. **CONSEQUENT INTRAGASTRIC BALLOON RUPTURES IN AN OBESE PATIENT: FIRST CASE IN THE LITERATURE**
TATAR O. C., Posteki G., GÜLER S. A., VAROL E., ŞİMŞEK T., CANTÜRK N. Z.
OBESITY SURGERY, pp.608, 2023 (SCI-Expanded)
- XI. **Global Incidence and Risk Factors Associated With Postoperative Urinary Retention Following Elective Inguinal Hernia Repair: The Retention of Urine After Inguinal Hernia Elective Repair (RETAINER I) Study.**
Croghan S. M., Mohan H. M., Breen K. J., McGovern R., Bennett K. E., Boland M. R., Elhadi M., Elliott J. A., Fullard A. C., Lonergan P. E., et al.
JAMA surgery, vol.158, no.8, pp.865-873, 2023 (SCI-Expanded)
- XII. **ENTRAPMENT OF A NASOGASTRIC TUBE IN THE STAPLER LINE DURING LAPAROSCOPIC SLEEVE GASTRECTOMY: A CASE REPORT**
GÜLER S. A., TATAR O. C., VAROL E., KADAKAL H., ŞİMŞEK T., CANTÜRK N. Z.
OBESITY SURGERY, pp.652, 2023 (SCI-Expanded)
- XIII. **ADRENAL ARTERIOVENOUS MALFORMATION MASQUERADING AS AN ADRENAL ADENOMA**
ŞİMŞEK T., TATAR O. C., GÜLER S. A., CANTÜRK N. Z., ÇAKIR Ö., Gürbüz Y.
Acta Endocrinologica, vol.19, no.2, pp.245-248, 2023 (SCI-Expanded)
- XIV. **Elective surgery system strengthening: development, measurement, and validation of the surgical**

preparedness index across 1632 hospitals in 119 countries

Glasbey J. C., Abbott T. E., Adisa A., AlAmeer E., Alshryda S., Arnaud A. P., Bankhead-Kendall B., Chaudhry D., Costas-Chavarri A., Cunha M. F., et al.

The Lancet, vol.400, no.10363, pp.1607-1617, 2022 (SCI-Expanded)

- XV. **Effects of hospital facilities on patient outcomes after cancer surgery: an international, prospective, observational study**
Knight S. R., Shaw C. A., Pius R., Drake T. M., Norman L., Adisa A. O., Aguilera M. L., Al-Saqqa S. W., Al-Slaibi I., Bhangu A., et al.
The Lancet Global Health, vol.10, no.7, 2022 (SCI-Expanded)
- XVI. **The impact of surgical delay on resectability of colorectal cancer: An international prospective cohort study**
Adamina M., Ademuyiwa A., Adisa A., Bhangu A. A., Bravo A. M., Cunha M. F., Emile S., Ghosh D., Glasbey J. C., Harris B., et al.
COLORECTAL DISEASE, vol.24, no.6, pp.708-726, 2022 (SCI-Expanded)
- XVII. **Intraperitoneal drain placement and outcomes after elective colorectal surgery: international matched, prospective, cohort study**
Sgro A., Blanco-Colino R., Ahmed W. U. R., Brindl N., Gujjuri R. R., Lapolla P., Mills E. C., Perez-Ajates S., Soares A. S., Varghese C., et al.
BRITISH JOURNAL OF SURGERY, vol.109, no.6, pp.520-529, 2022 (SCI-Expanded)
- XVIII. **An Atypical Presentation of Hydatid Disease, Accompanied by a Pancreatic Pseudocyst: A Case Report**
TATAR O. C., ŞİMŞEK T., GÜLER S. A., CANTÜRK N. Z.
IRANIAN JOURNAL OF PARASITOLOGY, vol.17, no.2, pp.277-281, 2022 (SCI-Expanded)
- XIX. **Death following pulmonary complications of surgery before and during the SARS-CoV-2 pandemic**
McLean K. A., Kamarajah S. K., Chaudhry D., Gujjuri R. R., Raubenheimer K., Trout I., AlAmeer E., Creagh-Brown B., Harrison E. M., Nepogodiev D., et al.
BRITISH JOURNAL OF SURGERY, vol.108, no.12, pp.1448-1464, 2021 (SCI-Expanded)
- XX. **Impact of Bacillus Calmette-Guerin (BCG) vaccination on postoperative mortality in patients with perioperative SARS-CoV-2 infection**
Tabiri S., Kamarajah S. K., Nepogodiev D., Li E., Simoes J., Sravanam S., Owusu S. A., Mahama H., Agyeman Y. N., Arthur J., et al.
BJS OPEN, vol.5, no.6, 2021 (SCI-Expanded)
- XXI. **Y Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score**
Dajti I., Valenzuela J., Boccalatte L. A., Gemelli N. A., Smith D. E., Dudi-Venkata N. N., Kroon H. M., Sammour T., Roberts M., Mitchell D., et al.
BRITISH JOURNAL OF SURGERY, vol.108, no.11, pp.1274-1292, 2021 (SCI-Expanded)
- XXII. **Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study**
Glasbey J. C., Ademuyiwa A., Adisa A., AlAmeer E., Arnaud A. P., Ayasra F., Azevedo J., Minaya Bravo A., Costas-Chavarri A., Edwards J., et al.
LANCET ONCOLOGY, vol.22, no.11, pp.1507-1517, 2021 (SCI-Expanded)
- XXIII. **Postoperative complications and waiting time for surgical intervention after radiologically guided drainage of intra-abdominal abscess in patients with Crohn's disease**
El-Hussuna A., Karer M. L. M., Nielsen N. N. U., Mujukian A., Fleshner P. R., Iesalnieks I., Horesh N., Kopylov U., Jacoby H., Al-Qaisi H. M., et al.
BJS OPEN, vol.5, no.5, 2021 (SCI-Expanded)
- XXIV. **BJS commission on surgery and perioperative care post-COVID-19**
Abahuje E., Abbas A., Maksoud M. A. E. A. E., Abdelhady A., Abdelhamid S., Faraj H. A. A., Abdelqader B., Abdelrahman T., Abdou H., Abdullah A., et al.
BRITISH JOURNAL OF SURGERY, vol.108, no.10, pp.1162-1180, 2021 (SCI-Expanded)

- XXV. **Outcomes from elective colorectal cancer surgery during the SARS-CoV-2 pandemic.**
 COVIDSurg C.
 Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland, vol.23, pp.732-749, 2021 (SCI-Expanded)
- XXVI. **Elective cancer surgery in COVID-19-free surgical pathways during the SARS-CoV-2 pandemic: An international, multicenter, comparative cohort study**
 Glasbey J. C., Nepogodiev D., Simoes J. F., Omar O., Li E., Venn M. L., Chaar M. K. A., Capizzi V., Chaudhry D., Desai A., et al.
 Journal of Clinical Oncology, vol.39, no.1, pp.66-78, 2021 (SCI-Expanded)
- XXVII. **Elective Cancer Surgery in COVID-19-Free Surgical Pathways During the SARS-CoV-2 Pandemic: An International, Multicenter, Comparative Cohort Study**
 Utkan N. Z., Güler S. A., Köken H., Gözal K., Tatar O. C.
 Journal Of Clinical Oncology, vol.39, no.1, pp.66-78, 2021 (SCI-Expanded)
- XXVIII. **Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic**
 Glasbey J. C., Omar O., Nepogodiev D., Minaya-Bravo A., Bankhead-Kendall B. K., Fiore M., Futaba K., Gabre-Kidan A., Gujjuri R. R., Isik A., et al.
 BRITISH JOURNAL OF SURGERY, vol.108, no.1, pp.88-96, 2021 (SCI-Expanded)
- XXIX. **Global variation in postoperative mortality and complications after cancer surgery: a multicentre, prospective cohort study in 82 countries.**
 Knight S. R., Shaw C. A., Pius R., Drake T. M., Norman L., Ademuyiwa A. O., Adisa A. O., Aguilera M. L., Al-Saqqa S. W., Al-Slaibi I., et al.
 Lancet (London, England), vol.397, pp.387-397, 2021 (SCI-Expanded)
- XXX. **Outcomes from elective colorectal cancer surgery during the SARS-CoV-2 pandemic**
 Utkan N. Z., Güler S. A., Gözal K., Köken H., Tatar O. C.
 Colorectal Disease, vol.00, pp.1-18, 2020 (SCI-Expanded)
- XXXI. **Delaying surgery for patients with a previous SARS-CoV-2 infection**
 Glasbey J. C., Ademuyiwa A., Fiore M., Shaw R., Omar O., Omar O., Bhangu A. A., Siaw-Acheampong K., Benson R., Bywater E., et al.
 British Journal of Surgery, vol.107, 2020 (SCI-Expanded)
- XXXII. **Effects of Asenapine and Paliperidone on Depression, Anxiety and Analgesy in Mice: Alterations in Brain Neurotrophic Factors, Neurogenesis, and Blood Enzyme Levels**
 Gümüşlü K. E., Mutlu O., Köktürk S., Ulak G., Eraldemir F. C., Tatar O. C., Yaşar A. B., Tanyeri P., Akar F., Erden B. F.
 CHINESE JOURNAL OF PHYSIOLOGY, vol.61, no.5, pp.280-292, 2018 (SCI-Expanded)
- XXXIII. **Body mass index and complications following major gastrointestinal surgery: a prospective, international cohort study and meta-analysis**
 Nepogodiev D., Ozkan B. B., Bath M. F., Blanco-Colino R., Lee S., Kamarajah S. K., Vasko P., Kuiper S. Z., Farina V., Chapman S. J., et al.
 COLORECTAL DISEASE, vol.20, no.8, 2018 (SCI-Expanded)
- XXXIV. **EuroSurg: a new European student-driven research network in surgery**
 Arezzo A., Farina V., Foppa C., Gavagna L., Morino M., Pasqual S., Pata F., Pellino G., Rubbini M., Selvaggi F., et al.
 COLORECTAL DISEASE, vol.18, no.2, pp.214-215, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Watchful Waiting After Radiological Guided Drainage of Intra-abdominal Abscess in Patients With Crohn's Disease Might Be Associated With Increased Rates of Stoma Construction.**
 El-Hussuna A., Steenholdt C., Merrild Karer M. L., Nyggard Uldall Nielsen N., Mujukian A., Fleshner P. R., Iesalnieks I., Horesh N., Kopylov U., Jacoby H., et al.
 Crohn's & colitis 360, vol.5, no.3, 2023 (ESCI)

- II. **COVID-19 Döneminde Kocaeli Üniversitesi Tıp Fakültesi Genel Cerrahi Kliniği Hasta Yönetimi**
GÜREŞİN A., GÜLER S. A., ÖZKAN GÜLER Ö., TATAR O. C., UTKAN N. Z.
Kocaeli Tıp Dergisi, vol.10, no.3, pp.347-352, 2021 (Peer-Reviewed Journal)
- III. **COVID-19 Döneminde Kocaeli Üniversitesi Tıp Fakültesi Dönem 4 Genel Cerrahi Stajı Çevrimiçi Uzaktan Eğitim Değerlendirmesi**
GÜLER S. A., GÜREŞİN A., ÖZKAN GÜLER Ö., DAYLAN KOÇKAYA P., UTKAN N. Z., TATAR O. C.
STED/Sürekli Tıp Eğitimi Dergisi, vol.30, no.5, pp.301-306, 2021 (Peer-Reviewed Journal)
- IV. **Pre/post-surgical of some angiogenic factors related with cancer and obesity**
GÜLER S. A., YÜREKLİ A. M., CANTÜRK N. Z., PÖSTEKİ G., ŞİMŞEK T., TATAR O. C., YÜREKLİ M.
Meidacl Science and Discovery, vol.1, no.5, pp.97-102, 2018 (Peer-Reviewed Journal)
- V. **EuroSurg: Across Europe a new novel student- driven research group in surgery**
Ozkan B. B., Ozbalci G. S., Tavuz A. I., Demirci Z. S., Baki B. E., TATAR O. C.
TURKISH JOURNAL OF SURGERY, vol.32, no.2, pp.155-156, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Hybrid Model Of Deep Convolutional Neural Network And Machine Learning In The Assessment Of Breast Masses, Axillary Metastasis And Molecular Subtypes**
TATAR O. C., YİRMİBEŞOĞLU A. O., GÜLER S. A., ŞİMŞEK T., GENÇTÜRK T., KAYA GÜLAĞIZ F., ŞAHİN S.
Breastanbul The Conference 2022, İstanbul, Turkey, 13 - 15 October 2022, vol.13, pp.107
- II. **Consequent Intra gastric Balloon Ruptures In An Obese Patient: First Case In Literature**
TATAR O. C., PÖSTEKİ G., GÜLER S. A.
5. Uluslararası Katılımlı Çukurova Gastro-İntestinal Hastalıklar ve Cerrahisi Kongresi, Adana, Turkey, 4 - 06 March 2022
- III. **Effects of atypical antipsychotics on emotional memory and locomotion: altered gene expression levels of BDNF and CREB in the hippocampus of mice**
GUMUSLU E., MUTLU O., ULAK G., Uyar E., TATAR O. C., Celikyurt I. K., AKAR F., ERDEN F.
28th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Amsterdam, Netherlands, 29 August - 01 September 2015, vol.25
- IV. **Effects of atypical antipsychotics on emotional memory and locomotion Altered gen expression levels of BDNF and CREB in the hippocampus of mice**
GÜMÜŞLÜ K. E., MUTLU O., ULAK G., UYAR E., TATAR O. C., KOMSUOĞLU ÇELİKYURT F. İ., YILDIZ AKAR F., ERDEN B. F.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015

Supported Projects

YİRMİBEŞOĞLU A. O., TATAR O. C., CANTÜRK N. Z., ŞAHİN S., Project Supported by Higher Education Institutions, Meme Kitlelerinin Ve Aksiller Lenf Nodu Durumunun Değerlendirilmesinde Çeşitli Görüntüleme Modalitelerinden Yararlanan Bir Derin Nöral Ağ Tasarımı, 2022 - Continues

Metrics

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Non Academic Experience

Public Hospital, Kocaeli Şehir Hastanesi, Genel Cerrahi
Ministry
Kartal İlçe Sağlık Müdürlüğü