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Publons / Web Of Science ResearcherID: IQS-9553-2023

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Eğitim Bilgileri

Post Doktora, Technische Universitaet München, Almanya 2007 - 2010

Doktora, Universitaed Heidelberg, Almanya 2003 - 2007

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Tıpta Uzmanlık, İstanbul Üniversitesi, İstanbul Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Türkiye 1995 - 2000

Lisans, İstanbul Üniversitesi, İstanbul Tıp Fakültesi, Türkiye 1991 - 1995

Yabancı Diller

Almanca, C2 Ustalık

İngilizce, C2 Ustalık

Sertifika, Kurs ve Eğitimler

Sağlık ve Tıp, Online assessment for surgeons, residents, and fellows on the da Vinci Xi surgical system, Intuitive, 2024

Sağlık ve Tıp, Endoscopy Training, Surgical Endoscopy Unit. Department of Surgery, Istanbul Faculty of Medicine,

University of Istanbul, 2002

Yaptığı Tezler

Doktora, The influence of tumor modulated microenvironment on pancreatic cancer behavior, Universitaed Heidelberg,

Dekanat der Medizinischen Fakultät Heidelberg, 2007

Tıpta Uzmanlık, İyatrojenik biliyer yaralanma tanısıyla tedavi edilen hastaların retrospektif değerlendirilmesi, İstanbul

Üniversitesi, İstanbul Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2001

Araştırma Alanları

Cerrahi Tıp Bilimleri, Genel Cerrahi

AKADEMİK UNVANLAR / GÖREVLER

Prof. Dr., Acıbadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2023 - Devam Ediyor
Prof. Dr., Acıbadem Mehmet Ali Aydınlar Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Ameliyathane Hizmetleri Bölümü, 2021 - 2023
Prof. Dr., Koç Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2017 - 2021
Doç. Dr., Koç Üniversitesi, Tıp Fakültesi, 2014 - 2017
Araştırmacı, Technische Universitaet München, Klinikum r.d.Isar, Technische Universität München, Department of Surgery, 2007 - 2010
Araştırmacı, Universitaet Heidelberg, Department of Surgery, European Pancreatic Center, 2003 - 2007
Uzman Dr., İstanbul Üniversitesi, İstanbul Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 1995 - 2000

Verdiği Dersler

Pankreas Kanseri, Lisans, 2023 - 2024
Tumour Microenvironment of Solid Tumours 2, Doktora, 2019 - 2020
Tumour Microenvironment, Doktora, 2019 - 2020

Yönetilen Tezler

Erkan M. M., Analysis of optoacoustic efficiency and study of heterogeneous solid tumors with mesoscopic multispectral optoacoustic tomography, Tıpta Uzmanlık, J.Salichs(Öğrenci), 2016
Erkan M. M., Comparative analysis of pancreatic cancer stroma in humans and in genetically engineered mouse models, Tıpta Uzmanlık, L.Wanner(Öğrenci), 2016
Erkan M. M., The role of periostin in pancreatic carcinogenesis and metastatic spread, Doktora, S.Hausmann(Öğrenci), 2015
Erkan M. M., Silencing of GRP94 expression promotes apoptosis in pancreatic cancer cells, Doktora, Z.Pan(Öğrenci), 2014
Erkan M. M., The role of the extracellular matrix protein periostin in pancreatic cancer initiation, Doktora, A.Federlein(Öğrenci), 2014
Erkan M. M., Relevanz des Kinesin Motor Proteins Kif20a im Pankreaskarzinom, Tıpta Uzmanlık, D.Stangel(Öğrenci), 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Standardizing definitions and terminology of left-sided pancreatic resections through an international Delphi consensus.**
van Ramshorst T. M. E., van Hilst J., Boggi U., Dokmak S., Edwin B., Keck T., Khatkov I., Balduzzi A., Pulvirenti A., Ahmad J., et al.
The British journal of surgery, cilt.111, sa.4, 2024 (SCI-Expanded)
- II. **International Hepato-Pancreato-Biliary Association (IHPBA) registry study on COVID-19 infections in HPB surgery patients**
Badrudin D., Lesurtel M., Shrikhande S., Gallagher T., Heinrich S., Warner S., Chaudhari V., Koo D., Anantha S., Molina V., et al.
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- III. **Surgical outcomes of gallbladder cancer: the OMEGA retrospective, multicentre, international cohort study**
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- IV. **Use and outcome of minimally invasive pancreatic surgery in the European E-MIPS registry**
van der Heijde N., Vissers F. L., Manzoni A., Zimmitti G., Balsells J., Berrevoet F., Bjornsson B., van den Boezem P., Boggi U., Bratie S. O., et al.
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- V. **Macrophages direct cancer cells through a LOXL2-mediated metastatic cascade in pancreatic ductal adenocarcinoma**
Alonso-Nocelo M., Ruiz-Canas L., Sancho P., Gorgulu K., Alcalá S., Pedrero C., Vallespinos M., Carlos Lopez-Gil J., Ochando M., Garcia-Garcia E., et al.
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- VI. **Clinical Outcomes After Total Pancreatectomy A Prospective Multicenter Pan-European Snapshot Study**
Latenstein A. E. J., Scholten L., Al-Saffar H. A., Bjornsson B., Butturini G., Capretti G., Chatzizacharias N. A., Dervenis C., Frigerio I., Gallagher T. K., et al.
ANNALS OF SURGERY, cilt.276, sa.5, 2022 (SCI-Expanded)
- VII. **Hepatic Cysts Reappraisal of the Classification, Terminology, Differential Diagnosis, and Clinicopathologic Characteristics in 258 Cases**
Armutlu A., Quigley B., Choi H., Basturk O., AKKAŞ AKGÜN G., Pehlivanoglu B., Memis B., Jang K., Erkan M. M., Erkan B., et al.
AMERICAN JOURNAL OF SURGICAL PATHOLOGY, cilt.46, sa.9, ss.1219-1233, 2022 (SCI-Expanded)
- VIII. **Analysis of genomic alterations in cancer associated human pancreatic stellate cells**
Boeker V., Haeussler J., Baumann J., Sunami Y., Trojanowicz B., Harwardt B., Hammje K., von Auw N., Erkan M. M., Krohn K., et al.
SCIENTIFIC REPORTS, sa.1, 2022 (SCI-Expanded)
- IX. **Pancreatobiliary Maljunction-associated Gallbladder Cancer Is as Common in the West, Shows Distinct Clinicopathologic Characteristics and Offers an Invaluable Model for Anatomy-induced Reflux-associated Physio-chemical Carcinogenesis**
Muraki T., Pehlivanoglu B., Memis B., Reid M. D., Uehara T., Basturk O., Pernicka J. G., Klimstra D. S., Jarnagin W. R., Ito T., et al.
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- X. **Infiltration pattern predicts metastasis and progression better than the T-stage and grade in pancreatic neuroendocrine tumors: a proposal for a novel infiltration-based morphologic grading**
Taskin O. C., Reid M. D., Bagci P., Balci S., Armutlu A., Demirtas D., PEHLİVANOĞLU B., Saka B., Memis B., BOZKURTLAR E., et al.
MODERN PATHOLOGY, cilt.35, sa.6, ss.777-785, 2022 (SCI-Expanded)
- XI. **Bioengineered 3D models of human pancreatic cancer recapitulate in vivo tumour biology**
de la Pena D. O., Trabulo S. M. D., Collin E., Liu Y., Sharma S., Tatari M., Behrens D., Erkan M. M., Lawlor R. T., Scarpa A., et al.
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- XII. **Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition**
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CANCER RESEARCH, cilt.81, sa.13, ss.3461-3479, 2021 (SCI-Expanded)
- XIII. **Telomerase and Pluripotency Factors Jointly Regulate Stemness in Pancreatic Cancer Stem Cells**
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- XIV. **Is elective cancer surgery feasible during the lock-down period of the COVID-19 pandemic? Analysis of a single institutional experience of 404 consecutive patients**
Kulle C. B., Azamat I. F., Vatanserver D., Erus S., Tarim K., Akyoldas G., Gokler O., Deveci M. A., Cakar N., Ergonul O., et al.

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- XV. **Evaluation and Pathologic Classification of Choledochal Cysts Clinicopathologic Analysis of 84 Cases From the West**
Aydin Mericoz C., Hacıhasanoglu E., Muraki T., PEHLİVANOĞLU B., Memis B., Mittal P., Polito H., Saka B., Everett R., Sarmiento J., et al.
AMERICAN JOURNAL OF SURGICAL PATHOLOGY, cilt.45, sa.5, ss.627-637, 2021 (SCI-Expanded)
- XVI. **Histopathologic Infiltration Pattern Predicts Metastasis and Progression Better than pT-Stage and Grade in Well-Differentiated Pancreatic Neuroendocrine Tumors: A Proposal for an Infiltration-Based Morphologic Grading System**
Taskin O., Reid M., Culci P. B., Balci S., Armutlu A., Demirtas D., PEHLİVANOĞLU B., Saka B., Memis B., BOZKURLAR E., et al.
MODERN PATHOLOGY, sa.SUPPL 2, ss.1058-1060, 2021 (SCI-Expanded)
- XVII. **Will the Real "Hepatobiliary Cystadenocarcinoma" Please Stand Up? True Malignancy is Exceedingly Rare in Cystic Liver Lesions; Implications for Pathologic Evaluation and Pre-Operative Decision Making**
Armutlu A., Quigley B., Choi H., Basturk O., Akkas G., PEHLİVANOĞLU B., Memis B., Jang K., Erkan M. M., Erkan B., et al.
LABORATORY INVESTIGATION, sa.SUPPL 1, ss.959-961, 2021 (SCI-Expanded)
- XVIII. **Histopathologic Infiltration Pattern Predicts Metastasis and Progression Better than pT-Stage and Grade in Well-Differentiated Pancreatic Neuroendocrine Tumors: A Proposal for an Infiltration-Based Morphologic Grading System**
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- XIX. **Will the Real "Hepatobiliary Cystadenocarcinoma" Please Stand Up? True Malignancy is Exceedingly Rare in Cystic Liver Lesions; Implications for Pathologic Evaluation and PreOperative Decision Making**
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- XX. **Complete tumor resection and demonstration of detailed anatomy of the porta hepatis in a patient with recurrent epithelial ovarian cancer**
Taskiran C., Vatanserver D., Misirlioglu S., Giray B., Kumcular T., Arvas M., Erkan M. M.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, sa.1, ss.148-149, 2021 (SCI-Expanded)
- XXI. **Frequency and clinicopathologic associations of DNA mismatch repair protein deficiency in ampullary carcinoma: Routine testing is indicated**
Xue Y., Balci S., Mericoz C. A., Taskin O. C., Jiang H., PEHLİVANOĞLU B., Muraki T., Memis B., Saka B., Kim G. E., et al.
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- XXII. **Gallbladder polyps: Correlation of size and clinicopathologic characteristics based on updated definitions**
Taskin O. C., Basturk O., Reid M. D., Dursun N., Bagci P., Saka B., Balci S., Memis B., Bellolio E., Araya J. C., et al.
PLOS ONE, cilt.15, sa.9, 2020 (SCI-Expanded)
- XXIII. **GLI1/GLI2 functional interplay is required to control Hedgehog/GLI targets gene expression**
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BIOCHEMICAL JOURNAL, cilt.477, sa.17, ss.3131-3145, 2020 (SCI-Expanded)
- XXIV. **Delivery of hepato-pancreato-biliary surgery during the COVID-19 pandemic: an European-African Hepato-Pancreato-Biliary Association (E-AHPBA) cross-sectional survey**
Balakrishnan A., Lesurtel M., Siriwardena A. K., Heinrich S., Serrablo A., Besselink M. G. H., Erkan M. M., Andersson B., Polak W. G., Laurenzi A., et al.
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- XXV. **Pancreatic neuroendocrine neoplasms: current state and ongoing controversies on terminology, classification and prognostication**
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- XXVI. **Pseudopterosin and O-Methyltylophorinidine Suppress Cell Growth in a 3D Spheroid Co-Culture Model of Pancreatic Ductal Adenocarcinoma**
Xie B., Haensel J., Mundorf V., Betz J., Reimche I., Erkan M. M., Buedeyri I., Gesell A., Kerr R. G., Ariantari N. P., et al.
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- XXVII. **International consensus guidelines for surgery and the timing of intervention in chronic pancreatitis**
Kempeneers M. A., Issa Y., Ali U. A., Baron R. D., Besselink M. G., Buechler M., Erkan M. M., Fernandez-Del Castillo C., Isaji S., Izbicki J., et al.
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- XXVIII. **Targeting nNOS ameliorates the severe neuropathic pain due to chronic pancreatitis**
Demir I. E., Heinrich T., Carty D. G., Saricaoglu O. C., Klaus S., Teller S., Kehl T., Reyes C. M., Tieftrunk E., Lazarou M., et al.
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- XXIX. **Inter- and intra-tumoural heterogeneity in cancer-associated fibroblasts of human pancreatic ductal adenocarcinoma**
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JOURNAL OF PATHOLOGY, cilt.248, sa.1, ss.51-65, 2019 (SCI-Expanded)
- XXX. **Engineering human stellate cells for beta cell replacement therapy promotes in vivo recruitment of regulatory T cells**
Oran D. C., Lokumcu T., Inceoglu Y., Akolpoglu M. B., Albayrak O., Bal T., Kurtoglu M., Erkan M. M., Can F., Bagci-Onder T., et al.
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- XXXI. **Mutant KRAS-driven cancers depend on PTPN11/SHP2 phosphatase**
Ruess D. A., Heynen G. J., Ciecieski K. J., Ai J., Berninger A., Kabacaoglu D., Goerguelue K., Dantes Z., Woermann S. M., Diakopoulos K. N., et al.
NATURE MEDICINE, cilt.24, sa.7, ss.954-960, 2018 (SCI-Expanded)
- XXXII. **Stromal heterogeneity in pancreatic cancer and chronic pancreatitis**
Haeberle L., Steiger K., Schlitter A. M., Safi S. A., Knoefel W. T., Erkan M. M., Esposito I.
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- XXXIII. **Dynamic landscape of pancreatic carcinogenesis reveals early molecular networks of malignancy**
Kong B., Bruns P., Behler N. A., Chang L., Schlitter A. M., Cao J., Gewies A., Ruland J., Fritzsche S., Valkovskaya N., et al.
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- XXXIV. **Contemporary strategies to improve the outcome in locally advanced pancreatic cancer**
Schneider R., Spath C., Nitsche U., Erkan M. M., Kleeff J.
MINERVA CHIRURGICA, cilt.72, sa.5, ss.424-431, 2017 (SCI-Expanded)
- XXXV. **Co-clinical Assessment of Tumor Cellularity in Pancreatic Cancer**
Heid I., Steiger K., Trajkovic-Arsic M., Settles M., Esswein M. R., Erkan M. M., Kleeff J., Jaeger C., Friess H., Haller B., et al.
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- XXXVI. **Giant Celiac Artery Aneurysm Treated with a Flow-Diverting Multilayer Stent: Early Rupture as a Fatal Complication**
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- XXXVII. **Effect of preoperative biliary drainage on bacterial flora in bile of patients with periampullary cancer**
Scheufele F., Aichinger L., Jaeger C., Demir I. E., Schorn S., Sargut M., Erkan M. M., Kleeff J., Friess H., Ceyhan G. O.
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- XXXVIII. **Pancreatic Premalignant Lesions Secrete Tissue Inhibitor of Metalloproteinases-1, Which Activates Hepatic Stellate Cells Via CD63 Signaling to Create a Premetastatic Niche in the Liver**
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- XXXIX. **Periostin and tumor-stroma interactions in non-small cell lung cancer**
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- XL. **Activated leukocyte cell adhesion molecule regulates the interaction between pancreatic cancer cells and stellate cells**
Zhang W, Zhan S, Geng C, Sun X, Erkan M. M., Kleeff J, Xie X.
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- XLI. **A subset of metastatic pancreatic ductal adenocarcinomas depends quantitatively on oncogenic Kras/Mek/Erk-induced hyperactive mTOR signalling**
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- XLII. **The role of hypoxia in pancreatic cancer: a potential therapeutic target?**
Erkan M. M., Kurtoglu M., Kleeff J.
EXPERT REVIEW OF GASTROENTEROLOGY & HEPATOLOGY, cilt.10, sa.3, ss.301-316, 2016 (SCI-Expanded)
- XLIII. **Loss of Periostin Results in Impaired Regeneration and Pancreatic Atrophy after Cerulein-Induced Pancreatitis**
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- XLIV. **Pancreas-specific activation of mTOR and loss of p53 induce tumors reminiscent of acinar cell carcinoma**
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- XLV. **Resectability After First-Line FOLFIRINOX in Initially Unresectable Locally Advanced Pancreatic Cancer: A Single-Center Experience**
Nitsche U, Wenzel P, Siveke J. T., Braren R, Holzapfel K, Schlitter A. M., Stoess C, Kong B, Esposito I, Erkan M. M., et al.
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- XLVI. **Microenvironmental hCAP-18/LL-37 promotes pancreatic ductal adenocarcinoma by activating its cancer stem cell compartment**
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- XLVII. **Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma**
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- XLVIII. **Volumetric gain of the human pancreas after left partial pancreatic resection: A CT-scan based retrospective study**
Phillip V., Zahel T., Danninger A., Erkan M. M., Dobritz M., Steiner J. M., Kleeff J., Schmid R. M., Alguel H.
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- XLIX. **Outcomes of resections for pancreatic adenocarcinoma with suspected venous involvement: a single center experience**
Michalski C. W., Kong B., Jaeger C., Kloe S., Beier B., Braren R., Esposito I., Erkan M. M., Friess H., Kleeff J.
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- L. **Umbilical Microflora, Antiseptic Skin Preparation, and Surgical Site Infection in Abdominal Surgery**
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- LI. **Kif20a inhibition reduces migration and invasion of pancreatic cancer cells**
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- LII. **Inhibition of CD47 Effectively Targets Pancreatic Cancer Stem Cells via Dual Mechanisms**
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- LIII. **Strategies to improve the outcome in locally advanced pancreatic cancer**
Späth C., Nitsche U., Müller T., Michalski C., ERKAN M. M., Kong B., Kleeff J.
Minerva Chirurgica, cilt.70, sa.2, ss.97-106, 2015 (SCI-Expanded)
- LIV. **Impaired Autophagy Induces Chronic Atrophic Pancreatitis in Mice via Sex- and Nutrition-Dependent Processes**
Diakopoulos K. N., Lesina M., Woermann S., Song L., Aichler M., Schild L., Artati A., Roemisch-Margl W., Wartmann T., Fischer R., et al.
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- LV. **beta III-Tubulin: A novel mediator of chemoresistance and metastases in pancreatic cancer**
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- LVI. **A common genetic variation of melanoma inhibitory activity-2 labels a subtype of pancreatic adenocarcinoma with high endoplasmic reticulum stress levels**
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- LVII. **Hypoxia-induced endoplasmic reticulum stress characterizes a necrotic phenotype of pancreatic cancer**
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- LVIII. **Collagen type V promotes the malignant phenotype of pancreatic ductal adenocarcinoma**
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- LIX. **Intracellular autofluorescence: a biomarker for epithelial cancer stem cells**
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