

Prof. BERRAK GÜMÜŞKAYA ÖCAL

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International Researcher IDs

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Publons / Web Of Science ResearcherID: K-9692-2015

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Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Ankara Yildirim Beyazit University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2021 - Continues

Associate Professor, Yıldırım Beyazıt Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2013 - Continues

Academic and Administrative Experience

Head of Department, Ankara Yildirim Beyazit University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2015 - 2017

Courses

TEMEL PATOLOJİ, Doctorate, 2016 - 2017

SİSTEM PATOLOJİSİ, Doctorate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Co-Use of Stromal Vascular Fraction and Bone Marrow Concentrate for Tendon Healing**
Aydın E. Y., Aşık M., AYDIN H. M., ÇAY N., Gümüşkaya B., Çağlayan A., Torabi A., Yüksel S., Veizi E., Bozkurt M.
Current stem cell research & therapy, vol.18, no.8, pp.1150-1159, 2023 (SCI-Expanded)
- II. **Klorojenik asit tedavisi deneysel spinal kord yarlanması oksidatif stresi azaltabilir mi? Can chlorogenic acid reduce oxidative stress and in an experimental spinal cord injury?**
BAL E., HANALIOĞLU Ş., Apaydın A. S., BAL C., Şenat A., Gümüşkaya B., Bahadır B., Turkoğlu Ö. F.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.28, no.2, pp.125-133, 2022 (SCI-Expanded)
- III. **Diagnostic approach in TFE3-rearranged renal cell carcinoma: a multi-institutional international survey.**
Akgul M., Williamson S. R., Ertoý D., Argani P., Gupta S., Calìo A., Reuter V., Tickoo S., Al-Ahmadie H. A., Netto G. J., et al.
Journal of clinical pathology, vol.74, no.5, pp.291-299, 2021 (SCI-Expanded)

- IV. **Robot Assisted Radical Cystectomy Outcomes in Micropapillary and Plasmacytoid Variants.**
Koç E., Gök B., Gumuskaya B., Atmaca A. F., Canda A. E., Balbay M. D.
Urology journal, vol.17, no.6, pp.607-613, 2020 (SCI-Expanded)
- V. **Multicenter Multireader Evaluation of an Artificial Intelligence-Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI.**
Mehralivand S., Harmon S. A., Shih J. H., Smith C. P., Lay N., Argun B., Bednarova S., Baroni R. H., Canda A. E., Ercan K., et al.
AJR. American journal of roentgenology, vol.215, pp.903-912, 2020 (SCI-Expanded)
- VI. **Use of Aspirin and Statins in Relation to Inflammation in Benign Prostate Tissue in the Placebo Arm of the Prostate Cancer Prevention Trial.**
Hurwitz L. M., Kulac I., Gumuskaya B., Valle J. A. B. D., Benedetti I., Pan F., Liu J. O., Marrone M. T., Arnold K. B., Goodman P. J., et al.
Cancer prevention research (Philadelphia, Pa.), vol.13, pp.853-862, 2020 (SCI-Expanded)
- VII. **FDG Hepatic Superscan Due to Metastatic Infiltration of Prostate Cancer.**
YILDIRIM N., Dede D. S., Gumuskaya B.
Clinical nuclear medicine, vol.45, no.6, pp.474-476, 2020 (SCI-Expanded)
- VIII. **Autologous stem cell-derived chondrocyte implantation with bio-targeted microspheres for the treatment of osteochondral defects.**
Bozkurt M., Aşık M. D., Gürsoy S., Türk M., Karahan S., Gümüşkaya B., Akkaya M., Şimşek M., Cay N., Doğan M.
Journal of orthopaedic surgery and research, vol.14, pp.394, 2019 (SCI-Expanded)
- IX. **Evaluation estrogen, progesteron and androgen receptor expressions in corneal epithelium in keratoconus**
Ayan B., Yuksel N., Carhan A., Ocal B., Akcay E., Cagil N., Asik M. D.
Contact Lens and Anterior Eye, vol.42, no.5, pp.492-496, 2019 (SCI-Expanded)
- X. **Diagnosing atypia of undetermined significance in thyroid fine needle aspiration samples using nuclear scoring.**
Altinboga A., ALTUNKAYA C., Ahsen H., Gumuskaya B., Topaloglu O., Ulusoy S., Kilinc I., Cakir B., Erdogan F.
Annals of diagnostic pathology, vol.41, pp.112-115, 2019 (SCI-Expanded)
- XI. **Prognostic significance of the programmed death ligand 1 expression in clear cell renal cell carcinoma and correlation with the tumor microenvironment and hypoxia-inducible factor expression.**
Dogan H. T., Kiran M., Bilgin B., Kilicarslan A., Sendur M. A. N., Yalcin B., Ardicoglu A., Atmaca A. F., Gumuskaya B.
Diagnostic pathology, vol.13, pp.60, 2018 (SCI-Expanded)
- XII. **A Comparative Study of Receptor-Targeted Magnetosome and HSA-Coated Iron Oxide Nanoparticles as MRI Contrast-Enhancing Agent in Animal Cancer Model.**
Erdal E., Demirbilek M., Yeh Y., Akbal O., Ruff L., Bozkurt D., Çabuk A., Senel Y., Gumuskaya B., Algin O., et al.
Applied biochemistry and biotechnology, vol.185, no.1, pp.91-113, 2018 (SCI-Expanded)
- XIII. **Peripheral Zone Inflammation Is Not Strongly Associated With Lower Urinary Tract Symptom Incidence and Progression in the Placebo Arm of the Prostate Cancer Prevention Trial .**
Kulac I., Gumuskaya B., Drake C. G., Gonzalez B., Arnold K. B., Goodman P. J., Kristal A. R., Lucia M. S., Thompson I. M., Isaacs W. B., et al.
The Prostate, vol.76, pp.1399-408, 2016 (SCI-Expanded)
- XIV. **Hemostatic activities of nano/microporous bilayer dressings in a femoral artery bleeding rat model**
KARAHALİLOĞLU Z., DEMİRBILEK M., Ulusoy I., GÜMÜŞKAYA ÖCAL B., DENKBAŞ E. B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.133, no.28, 2016 (SCI-Expanded)
- XV. **Molecular evidence that invasive adenocarcinoma can mimic prostatic intraepithelial neoplasia (PIN) and intraductal carcinoma through retrograde glandular colonization.**
Haffner M. C., Weier C., Xu M. M., Vaghasia A., Gürel B., Gümüşkaya B., Esopi D. M., Fedor H., Tan H., Kulac I., et al.
The Journal of pathology, vol.238, pp.31-41, 2016 (SCI-Expanded)
- XVI. **A preliminary investigation on the presence of calcifying nanoparticles in the breast tumor Meme tümöründe kalsifiye edici nanopartiküllerin varlığına dair bir ön inceleme**

- Ozkal-Baydin P., Gocmen S. J., Erdemli E., Tunc I. G., Sener H. B., Gumuskaya B., Sunguroglu A.
UHOD - Uluslararası Hematoloji-Onkoloji Dergisi, vol.24, no.1, pp.17-22, 2014 (SCI-Expanded)
- XVII. **Assessing the order of critical alterations in prostate cancer development and progression by IHC: further evidence that PTEN loss occurs subsequent to ERG gene fusion.**
Gumuskaya B., Gurel B., Fedor H., Tan H., Weier C. A., Hicks J. L., Haffner M. C., Lotan T. L., De Marzo A. M.
Prostate cancer and prostatic diseases, vol.16, pp.209-15, 2013 (SCI-Expanded)
- XVIII. **Cytoplasmic PTEN protein loss distinguishes intraductal carcinoma of the prostate from high-grade prostatic intraepithelial neoplasia.**
Lotan T. L., Gumuskaya B., Rahimi H., Hicks J. L., Iwata T., Robinson B. D., Epstein J. I., De Marzo A. M.
Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc, vol.26, pp.587-603, 2013 (SCI-Expanded)
- XIX. **Evaluation of changes of biologic markers ER, PR, HER 2 and Ki-67 in breast cancer with administration of neoadjuvant dose-dense doxorubicin, cyclophosphamide followed by paclitaxel.**
Dede D. S., Gumuskaya B., Guler G., Onat D., Altundag K., Ozisik Y.
Journal of B.U.ON. : official journal of the Balkan Union of Oncology, vol.18, pp.57-63, 2013 (SCI-Expanded)
- XX. **Lymphatic and capillary invasion patterns in triple negative breast cancer.**
Yaman S., Gumuskaya B., Ozkan C., Aksoy S., Guler G., Altundag K.
The American surgeon, vol.78, pp.1238-42, 2012 (SCI-Expanded)
- XXI. **ERCC1 expression in triple negative breast cancer.**
Ozkan C., Gumuskaya B., Yaman S., Aksoy S., Guler G., Altundag K.
Journal of B.U.ON. : official journal of the Balkan Union of Oncology, vol.17, pp.271-6, 2012 (SCI-Expanded)
- XXII. **EGFR expression and gene copy number in triple-negative breast carcinoma.**
Gumuskaya B., Alper M., Hucumenoglu S., Altundag K., Uner A., Guler G.
Cancer genetics and cytogenetics, vol.203, pp.222-9, 2010 (SCI-Expanded)
- XXIII. **Annexin A2, A7, and A11 expression in head and neck squamous cell carcinoma**
Hücumenoğlu S., Gümüşkaya B., Alper M., Öcal B., KARABULUT E.
Turkish Journal of Medical Sciences, vol.39, no.4, pp.547-555, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Idiopathic granulomatous hypophysitis mimicking adenoma Hipofisitit granulomatosa: remede de adenoma**
Kiran M. M., BAL E., Kuratmer A. D., Ercan K., Gumuskaya B., Erdogan F.
Revista Espanola de Patologia, vol.55, no.3, pp.203-206, 2022 (Scopus)
- II. **The Role of Multiparametric Magnetic Resonance Imaging to Detect the Extracapsular Extension in Robot- Assisted Radical Prostatectomy**
KOÇ E., Ercan K., GÜMÜŞKAYA ÖCAL B., GÖK B., CANDA A. E., ATMACA A. F.
The Bulletin of Urooncology, vol.19, no.4, pp.206-209, 2020 (Peer-Reviewed Journal)
- III. **Thyroid Cancer Incidence in Patients with Toxic Nodular and Multinodular Goiter**
Özdemir D., Beştepe N., Dellal F. D., Gümüşkaya Öcal B., Kılıç İ., Ersoy R., Çakır B.
Ankara Medical Journal, vol.4, pp.664-674, 2018 (Peer-Reviewed Journal)
- IV. **A Large Posteriorly Located Prostatic Mass Lesion Challenging the Robotic Surgeon: Prostate Leiomyoma**
KESKE M., CANDA A. E., ATMACA A. F., Bedir F., GEÇİT İ., ARDIÇOĞLU A., Aydoğdu Ö. B., AĞAÇKIRAN Y., GÜMÜŞKAYA ÖCAL B.
Journal of Endourology Case Reports, vol.3, no.1, pp.61-63, 2017 (Scopus)
- V. **A Rare Cause of Nasal Obstruction: Metastatic Renal Cell Carcinoma.**
Kokenek-Unal T. D., Gumuskaya B., Ocal B., Alper M.
Case reports in pathology, vol.2016, pp.2560749, 2016 (ESCI)
- VI. **Annexin A2, A7 and A11 immunohistochemical expression in prostate adenocarcinoma and**

relationship with prognostic factors Prostat adenokarsinomları{dotless}nda annexin A2, A7 ve A11 immünohistokimyasal ekspresyonu ve prognostik faktörlerle ilişkisi
Oktay M., Albayrak Sönmez A., Gümüşkaya Öcal B., Genel N., Hücümenoğlu S., Alper M.
Duzce Medical Journal, vol.15, no.1, pp.14-18, 2013 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **The association of programmed death-ligand 1 (PD-L1), programmed cell death (PD-1), tumor infiltrating lymphocytes(TILs) and isocitrate dehydrogenase (IDH-1) mutation in glioblastoma multiforme(GBM)**

ŞENER DEDE D., TATLI DOĞAN H., ASAN F. B., GÜMÜŞKAYA ÖCAL B., AYIK Ş., ŞENDUR M. A. N., ULAŞ A., BİLGİN B., AKINCI M. B., SILAY K., et al.

42nd ESMO Congress (ESMO 2017), 8 - 12 September 2017

Supported Projects

GÜMÜŞKAYA ÖCAL B., Project Supported by Higher Education Institutions, Renal hücreli karsinom vakalarında HIF-1?, HIF-2?, HAF ve EGFR ekspresyonunun immünohistokimyasal yöntemler ile belirlenmesi, birbirleri ile korelasyonu ve klinik özellikler ile karşılaştırılması, 2015 - 2017

GÜMÜŞKAYA ÖCAL B., Project Supported by Higher Education Institutions, Multifokal ve unifokal prostat kanserlerinde intraduktal karsinom sıklığının PTEN, ERG ve p63 immünohistokimyasal yöntemleri ile gösterilmesi ve bu olguların klinikopatolojik özellikleri, 2015 - 2017

GÜMÜŞKAYA ÖCAL B., Project Supported by Higher Education Institutions, Temel Bilimler Laboratuvar Alt Yapı Projesi, 2015 - 2017

Metrics

Publication: 49

Citation (WoS): 19

Citation (Scopus): 368

H-Index (WoS): 3

H-Index (Scopus): 10