Stanford



Pejman Ghanouni, MD, PhD

Professor of Radiology (Body MRI) and, by courtesy, of Neurosurgery, of Obstetrics and Gynecology and of Urology

CLINICAL OFFICE (PRIMARY)

- **Diagnostic Radiology**

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  Stanford, CA 94305

  Tel (510) 974-8416 **Fax** (650) 498-8933

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Barbara Bonini - Program Manager

  Email bbonini@stanford.edu

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Bio

BIO

Dr. Ghanouni is a board-certified, fellowship-trained diagnostic radiologist with Stanford Health Care Radiology. He is an associate professor in the Department of Radiology, Division of Body MRI at Stanford University School of Medicine, and by courtesy, of Urology, of Neurosurgery, and of Obstetrics and Gynecology.

Dr. Ghanouni is the director of the Stanford Health Care Minimally Invasive MR Interventional Center (MIMRIC) and the Focused Ultrasound Center of Excellence. He is also chief of the Division of Body MRI at Stanford University School of Medicine.

Dr. Ghanouni is recognized around the world for his extensive expertise in using advanced imaging to diagnose, manage, and treat a wide range of conditions and disorders. As a renowned leader in diagnostic and MRI-guided interventional radiology, Dr. Ghanouni creates a customized care plan for each of his patients.

Dr. Ghanouni's research interests include the latest advances in MR-guided focused ultrasound techniques to treat essential tremor, Parkinson's disease, prostate cancer, bone tumors, desmoid tumors, and uterine fibroids. An experienced physician-scientist, Dr. Ghanouni has collaboratively led clinical trials and research initiatives that explore treatments for epilepsy, pancreatic cancer, and several types of tumors. Through these clinical trials, Dr. Ghanouni has helped secure FDA approval for many MR-guided focused ultrasound treatments.

His articles have been published in dozens of peer-reviewed medical journals, including Lancet Oncology, Neurology, Investigative Radiology, European Radiology, Journal of Magnetic Resonance Imaging, Journal of Neurosurgery, New England Journal of Medicine, and Radiology. Dr. Ghanouni has been invited to speak at conferences and symposiums all over the nation and the world, including in Rome, Italy; Tel Aviv, Israel; and Riyadh, Saudi Arabia. He is widely regarded for his groundbreaking research as well as his clinical expertise.

Dr. Ghanouni is a member of several professional organizations, including the International Society for Magnetic Resonance in Medicine, the International Society for Therapeutic Ultrasound, and the European Focused Ultrasound Society.

MR-guided focused ultrasound treatment: https://www.youtube.com/watch?v=3Bwq2YxD9eU

CLINICAL FOCUS

- Diagnostic Radiology
- Minimally Invasive MR Interventional Center (MIMRIC)
- O: 650-498-6148 F: 650.498.8933 Website: stanfordhealthcare.org/mimric

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Radiology
- Professor-Univ Med Line (By courtesy), Urology
- Professor-Univ Med Line (By courtesy), Obstetrics & Gynecology
- Professor-Univ Med Line (By courtesy), Neurosurgery

PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (2005) CA
- Fellowship: Stanford University Body Imaging Fellowship (2011) CA
- Residency: Stanford University Radiology Residency (2010) CA
- Internship: Santa Clara Valley Medical Center Dept of Medicine (2006) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2010)

LINKS

- MR-guided focused ultrasound treatment: https://stanfordhealthcare.org/stanford-health-care-now/videos/mr-guided-focused-ultrasound-mrgfus.html

Research & Scholarship

CLINICAL TRIALS

- Acoustic Cluster Therapy (ACT) With Chemotherapy for the Treatment of Locally Advanced Pancreatic Cancer, Recruiting
- Feasibility Study of Suizenji, in Patients With Unresectable Pancreatic Ductal Adenocarcinoma (SUNRISE-II), Recruiting
- Study of Cryoablation and Nirogacestat for Desmoid Tumor, Recruiting
- 68Ga-PSMA-11 PET/MRI in Finding Tumors in Patients With Intermediate or High-Risk Prostate Cancer Undergoing Surgery, Not Recruiting
- A Comparison of TULSA Procedure vs. Radical Prostatectomy in Participants With Localized Prostate Cancer, Not Recruiting
- A Phase IV Post Approval Clinical Study of ExAblate Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- ExAblate (MRgFUS) Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- ExAblate Conformal Bone System Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- ExAblate Treatment of Metastatic Bone Tumors for the Palliation of Pain, Not Recruiting
- Feasibility of ExAblate MRI Guided High Intensity Focused Ultrasound Tx of Soft Tissue Tumors, Not Recruiting
- Focal MR-Guided Focused Ultrasound Treatment of Localized Intermediate Risk Prostate Lesions, Not Recruiting
- Magnetic Resonance Guided High Intensity Focused Ultrasound in Advanced Pancreatic Adenocarcinoma Treatment, Not Recruiting
- MR Guided Focused Ultrasound vs Radiotherapy for Palliative Pain Tx in Bone Metastases, Not Specified

Teaching

COURSES

2024-25

- Introduction to Imaging and Image-based Human Anatomy: BIOE 220, BMP 220, RAD 220 (Win)

2023-24

- Introduction to Imaging and Image-based Human Anatomy: BIOE 220, BMP 220, RAD 220 (Win)

STANFORD ADVISEES

Postdoctoral Research Mentor

Liliana Ma

Publications

PUBLICATIONS

- **Percutaneous cholangioscopic laser removal of intraductal suture causing recurrent intrahepatic cholelithiasis.** *Journal of vascular and interventional radiology : JVIR*
  Ahmed, O. M., Ghanouni, P., Sze, D. Y., Barakat, M. T., Dua, M. M., Vezeridis, A. M.
  2026: 108952

- **Safety and efficacy of staged, bilateral magnetic resonance-guided focused ultrasound pallidothalamic tractotomy for motor complications of Parkinson's disease: a prospective, multicentre, single-arm trial.** *The Lancet. Neurology*
  Dalvi, A., Eisenberg, H. M., Wu, P., Zucker, L., Chang, W. C., Sarva, H., Fishman, P. S., Buch, V. P., Matarazzo, M., Del Alamo, M., Rodriguez-Oroz, M. C., González-Quarante, L. H., Sani, et al
  2026; 25 (7): 654-663

- **Safety and efficacy of staged, bilateral magnetic resonance-guided focused ultrasound pallidothalamic tractotomy for motor complications of Parkinson's disease: a prospective, multicentre, single-arm trial** *LANCET NEUROLOGY*
  Dalvi, A., Eisenberg, H. M., Wu, P., Zucker, L., Chang, W., Sarva, H., Fishman, P. S., Buch, V. P., Matarazzo, M., del Alamo, M., Rodriguez-Oroz, M., Gonzalez-Quarante, L., Sani, et al
  2026; 25 (7): 654-663

- **Enhancing foundation model transfer for prostate cancer detection with patch-level contrastive learning.** *NPJ digital medicine*
  Lee, J. H., Li, C. X., Jahanandish, H., Bhattacharya, I., Vesal, S., Song, Y., Zhang, L., Sang, S., Choi, M. H., Soerensen, S. J., Zhou, S. R., Sommer, E. R., Seibert, et al
  2026

- **Second-Line Radiation Therapy for Locally Recurrent Prostate Cancer After Focal Therapy: A Single Institution Matched-Pair Analysis.** *Clinical genitourinary cancer*
  Ewongwo, A., Kalahasti, N. V., Hui, C., Taparra, K., Sonn, G., Ghanouni, P., Bagshaw, H. P., Buyyounouski, M. K.
  2026; 24 (4): 102562

- **A rare case of orbital desmoid-type fibromatosis treated with cryoablation: case report and literature review.** *Orbit (Amsterdam, Netherlands)*
  Magazin, M., Homer, N., Ahluwalia, A., Ghanouni, P., Kossler, A. L.
  2026: 1-7

- **Focused ultrasound-mediated drug delivery systems: a technological overview, possible musculoskeletal applications, and future directions.** *RoFo : Fortschritte auf dem Gebiete der Rontgenstrahlen und der Nuklearmedizin*
  Sassi, R., Gazzotti, S., Aparisi Gómez, M. P., Donati, C. M., Morganti, A. G., Weber, M. A., Ghanouni, P., Napoli, A., Bazzocchi, A.
  2026

- **Optimizing prostate cancer treatment with MR-guided focused ultrasound: the role of expanded ablation-to-lesion volume ratio.** *European radiology*
  Bitton, R. R., Vertosick, E., Khandwala, Y., Korol, G., Vickers, A., Ehdaie, B., Sonn, G., Ghanouni, P.
  2026

- **Unilateral magnetic resonance-guided focused ultrasound for medication-refractory essential tremor: 5-year continued access study.** *Frontiers in neurology*
  Ghanouni, P., Krishna, V., Eisenberg, H. M., Elias, W. J., Cosgrove, G. R., Gwinn, R., Kaplitt, M. G., Baltuch, G. H.
  2025; 16: 1659203

- **Clinical and Imaging Factors Impacting Positive Predictive Value of Prostate MRI.** *Radiology*
  Soerensen, S. J., Rosenberg, J., Franks, Z., Rusu, M., Fan, R. E., Sonn, G. A., Ghanouni, P.
  2025; 316 (2): e250413

- **SUCCESSFULLY RECRUITED: CAPTAIN RANDOMIZED CONTROLLED TRIAL COMPARING THE TULSA PROCEDURE AGAINST RADICAL PROSTATECTOMY**
  Meng, X., Lotan, Y., Klotz, L., Kella, N., Anttinen, M., Sprenkle, P., Koch, M., Bahler, C., Pavlovich, C., George, A., Sonn, G., Inman, B., Michel, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Phase II trial of organ preservation program using short-course radiation and FOLFOXIRI for rectal cancer (SHORT-FOX): Two-Year primary outcome analysis.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
  Klebaner, D., Brown, E., Fisher, G. A., Shelton, A., Johnson, T. P., Shaheen, S., Chen, C., Heestand, G., Holden, T., Bien, J., King, D. A., Dawes, A. J., Morris, et al
  2025; 207: 110884

- **ProstAtlasDiff: Prostate cancer detection on MRI using Diffusion Probabilistic Models guided by population spatial cancer atlases.** *Medical image analysis*
  Li, C. X., Bhattacharya, I., Vesal, S., Ghanouni, P., Jahanandish, H., Fan, R. E., Sonn, G. A., Rusu, M.
  2025; 101: 103486

- **ProCUSNet: Prostate Cancer Detection on B-mode Transrectal Ultrasound Using Artificial Intelligence for Targeting During Prostate Biopsies.** *European urology oncology*
  Rusu, M., Jahanandish, H., Vesal, S., Li, C. X., Bhattacharya, I., Venkataraman, R., Zhou, S. R., Kornberg, Z., Sommer, E. R., Khandwala, Y. S., Hockman, L., Zhou, Z., Choi, et al
  2025

- **MRI features that predict progression of residual disease after ablation of extra-abdominal desmoid fibromatosis.** *European radiology*
  Dux, D. M., Chodakiewitz, Y., Bitton, R., Sewell, S., Sheth, V. R., Ghanouni, P., Brunsing, R. L.
  2025

- **The Challenge of External Generalisability: Insights from the Bicentric Validation of a [68Ga]Ga-PSMA-11 PET Based Radiomics Signature for Primary Prostate Cancer Characterisation Using Histopathology as Reference.** *Cancers*
  Ghezzo, S., Bharathi, P. G., Duan, H., Mapelli, P., Sorgo, P., Davidzon, G. A., Bezzi, C., Chung, B. I., Samanes Gajate, A. M., Thong, A. E., Russo, T., Brembilla, G., Loening, et al
  2024; 16 (23)

- **"Quality over quantity:" smaller, targeted lesions optimize quality of life outcomes after MR-guided focused ultrasound thalamotomy for essential tremor.** *Frontiers in neurology*
  Buch, V. P., Purger, D., Datta, A., Wang, A., Barbosa, D., Chodakiewitz, Y., Lev-Tov, L., Li, C., Halpern, C., Henderson, J., McNab, J. A., Bitton, R. R., Ghanouni, et al
  2024; 15: 1450699

- **Reply to Letter to the Editor: "What predicts durable symptom relief of uterine fibroids treated with MRI-guided focused ultrasound? A multi-center trial in 8 academic centers".** *European radiology*
  Bitton, R. R., Ghanouni, P.
  2024

- **Nested Semi-Transparent Isosurface Simulated Volume-Rendering (NESTIS-VR) - An efficient on-device rendering approach for Augmented Reality headsets increasing surgeon confidence of kidney donor arterial anatomy.** *Computers in biology and medicine*
  Necker, F. N., Melcher, M. L., Busque, S., Leuze, C. W., Ghanouni, P., Le Castillo, C., Nguyen, E., Daniel, B. L.
  2024; 183: 109267

- **Intraprocedural Diffusion-weighted Imaging for Predicting Ablation Zone during MRI-guided Focused Ultrasound of Prostate Cancer.** *Radiology. Imaging cancer*
  Bitton, R. R., Shao, W., Chodakeiwitz, Y., Brunsing, R. L., Sonn, G., Rusu, M., Ghanouni, P.
  2024; 6 (5): e240009

- **Safety and Efficacy of Staged, Bilateral Focused Ultrasound Thalamotomy in Essential Tremor: An Open-Label Clinical Trial.** *JAMA neurology*
  Kaplitt, M. G., Krishna, V., Eisenberg, H. M., Elias, W. J., Ghanouni, P., Baltuch, G. H., Rezai, A., Halpern, C. H., Dalm, B., Fishman, P. S., Buch, V. P., Moosa, S., Sarva, et al
  2024
- **Artificial Intelligence-Driven Model for Prostate Cancer Staging with PSMA PET: A Study Integrating Radiomics Features and SVM Classifier**
  Bharathi, P., Ghezzo, S., Duan, H., Mapelli, P., Davidzon, G., Bezzi, C., Chung, B., Gajate, A., Thong, A., Russo, T., Brembilla, G., Loening, A., Ghanouni, et al
  SOC NUCLEAR MEDICINE INC.2024
- **RAPHIA: A deep learning pipeline for the registration of MRI and whole-mount histopathology images of the prostate.** *Computers in biology and medicine*
  Shao, W., Vesal, S., Soerensen, S. J., Bhattacharya, I., Golestani, N., Yamashita, R., Kunder, C. A., Fan, R. E., Ghanouni, P., Brooks, J. D., Sonn, G. A., Rusu, M.
  2024; 173: 108318
- **High-Intensity Focused Ultrasound Surgery for Tumor Ablation: A Review of Current Applications.** *Radiology. Imaging cancer*
  De Maio, A., Alfieri, G., Mattone, M., Ghanouni, P., Napoli, A.
  2024; 6 (1): e230074
- **MR Imaging-Guided Prostate Cancer Therapies.** *Radiologic clinics of North America*
  Adamo, D. A., Greenwood, B. M., Ghanouni, P., Arora, S.
  2024; 62 (1): 121-133
- **ArtHiFy: Artificial Histopathology-style Features for Improving MRI-Based Prostate Cancer Detection**
  Bhattacharya, I., Shao, W., Li, X., Soerensen, S. J. C., Fan, R. E., Ghanouni, P., Brooks, J. D., Sonn, G. A., Rusu, M.
  edited by Chen, W., Astley, S. M.
  SPIE-INT SOC OPTICAL ENGINEERING.2024
- **MR-guided focused ultrasound therapy of extra-abdominal desmoid tumors: a multicenter retrospective study of 105 patients.** *European radiology*
  Düx, D. M., Baal, J. D., Bitton, R., Chen, J., Brunsing, R. L., Sheth, V. R., Rosenberg, J., Kim, K., Ozhinsky, E., Avedian, R., Ganjoo, K., Bucknor, M., Dobrotwir, et al
  2023
- **What predicts durable symptom relief of uterine fibroids treated with MRI-guided focused ultrasound? A multicenter trial in 8 academic centers.** *European radiology*
  Bitton, R. R., Fast, A., Vu, K. N., Lum, D. A., Chen, B., Hesley, G. K., Raman, S. S., Matsumoto, A. H., Price, T. M., Tempany, C., Dhawan, N., Dolen, E., Kohi, et al
  2023
- **Immunoglobulin G4-Seronegative Autoimmune Cholangiopathy With Pancreatic and Hepatic Involvement Mimicking as Primary Sclerosing Cholangitis.** *ACG case reports journal*
  Achalu, S., Berry, R., Wei, M. T., Banerjee, S., Ghanouni, P., Kambham, N., Kwo, P. Y.
  2023; 10 (4): e01044
- **CT-guided Pulsed Radiofrequency Combined with Steroid Injection for Sciatica from Herniated Disk: A Randomized Trial.** *Radiology*
  Napoli, A., Alfieri, G., De Maio, A., Panella, E., Scipione, R., Facchini, G., Albisinni, U., Spinnato, P., Nardis, P. G., Tramutoli, R., Lenzi, J., Ghanouni, P., Bazzocchi, et al
  2023: 221478
- **Trial of Globus Pallidus Focused Ultrasound Ablation in Parkinson's Disease.** *The New England journal of medicine*
  Krishna, V., Fishman, P. S., Eisenberg, H. M., Kaplitt, M., Baltuch, G., Chang, J. W., Chang, W., Martinez Fernandez, R., Del Alamo, M., Halpern, C. H., Ghanouni, P., Eleopra, R., Cosgrove, et al
  2023; 388 (8): 683-693
- **Focused Ultrasound and External Beam Radiation Therapy for Painful Bone Metastases: A Phase II Clinical Trial.** *Radiology*
  Napoli, A., De Maio, A., Alfieri, G., Gasperini, C., Scipione, R., Campanacci, L., Siepe, G., De Felice, F., Siniscalchi, B., Chiurchioni, L., Tombolini, V., Donati, D. M., Morganti, et al

2023: 211857

- **A Pilot Study of 68Ga-PSMA11 and 68Ga-RM2 PET/MRI for Biopsy Guidance in Patients with Suspected Prostate Cancer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Duan, H., Ghanouni, P., Daniel, B., Rosenberg, J., Thong, A., Kunder, C., Mari Aparici, C., Davidzon, G. A., Moradi, F., Sonn, G. A., Iagaru, A.
  2022
- **The Association of Tissue Change and Treatment Success During High-intensity Focused Ultrasound Focal Therapy for Prostate Cancer.** *European urology focus*
  Khandwala, Y. S., Soerensen, S. J., Morisetty, S., Ghanouni, P., Fan, R. E., Vesal, S., Rusu, M., Sonn, G. A.
  2022
- **A Pilot Study of 68Ga-PSMA11 and 68Ga-RM2 PET/MRI for Evaluation of Prostate Cancer Response to High Intensity Focused Ultrasound (HIFU) Therapy.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Duan, H., Ghanouni, P., Daniel, B., Rosenberg, J., Davidzon, G. A., Mari Aparici, C., Kunder, C., Sonn, G., Iagaru, A.
  2022
- **A review of artificial intelligence in prostate cancer detection on imaging.** *Therapeutic advances in urology*
  Bhattacharya, I., Khandwala, Y. S., Vesal, S., Shao, W., Yang, Q., Soerensen, S. J., Fan, R. E., Ghanouni, P., Kunder, C. A., Brooks, J. D., Hu, Y., Rusu, M., Sonn, et al
  2022; 14: 17562872221128791
- **Tempering optimism for MRI-guided focused ultrasound therapy Reply** *LANCET ONCOLOGY*
  Ehdaie, B., Sonn, G. A., Ghanouni, P.
  2022; 23 (10): E439
- **IgG4-Seronegative Autoimmune Cholangiopathy With Pancreatic and Hepatic Involvement Mimicking as Primary Sclerosing Cholangitis**
  Achalu, S., Wei, M., Berry, R., Banerjee, S., Ghanouni, P., Kwo, P.
  LIPPINCOTT WILLIAMS & WILKINS.2022: S1231
- **Therapeutic US Applications for the Abdomen and Pelvis.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
  Sailer, A., Ghanouni, P., Schade, G. R., Napoli, A., Vidal-Jove, J., Raman, S. S., Mendiratta-Lala, M., Ghai, S., Abreu, A., Sundaram, K. M., Westphalen, A., Arora, S.
  2022; 42 (6): E182-E183
- **Tempering optimism for MRI-guided focused ultrasound therapy - Authors' reply.** *The Lancet. Oncology*
  Ehdaie, B., Sonn, G. A., Ghanouni, P.
  2022; 23 (10): e439
- **Evaluation of post-ablation mpMRI as a predictor of residual prostate cancer after focal high intensity focused ultrasound (HIFU) ablation.** *Urologic oncology*
  Khandwala, Y. S., Morisetty, S., Ghanouni, P., Fan, R. E., Soerensen, S. J., Rusu, M., Sonn, G. A.
  2022
- **A Pilot Study of Ga-68-PSMA11 and Ga-68-RM2 PET/MRI for Evaluation of Prostate Cancer Response to High Intensity Focused Ultrasound (HIFU) Therapy**
  Duan, H., Ghanouni, P., Daniel, B., Rosenberg, J., Davidzon, G. A., Aparici, C., Thong, A., Sonn, G. A., Kunder, C., Iagaru, A.
  SPRINGER.2022: S497-S498
- **A Pilot Study of Ga-68-PSMA11 and 68Ga-RM2 PET/MRI for Biopsy Guidance in Patients with Suspected Prostate Cancer**
  Duan, H., Ghanouni, P., Daniel, B., Rosenberg, J., Thong, A., Sonn, G. A., Kunder, C., Davidzon, G. A., Aparici, C., Moradi, F., Iagaru, A.
  SPRINGER.2022: S484
- **Management of Patients with Newly Diagnosed Desmoid Tumors in a First-Line Setting.** *Cancers*
  Testa, S., Bui, N. Q., Charville, G. W., Avedian, R. S., Steffner, R., Ghanouni, P., Mohler, D. G., Ganjoo, K. N.
  2022; 14 (16)
- **Magnetic resonance imaging-guided focused ultrasound thalamotomy for essential tremor: 5-year follow-up results.** *Journal of neurosurgery*
  Cosgrove, G. R., Lipsman, N., Lozano, A. M., Chang, J. W., Halpern, C., Ghanouni, P., Eisenberg, H., Fishman, P., Taira, T., Schwartz, M. L., McDannold, N., Hayes, M., Ro, et al

2022: 1-6

- **Comparison between MR and CT imaging used to correct for skull-induced phase aberrations during transcranial focused ultrasound.** *Scientific reports*
  Leung, S. A., Moore, D., Gilbo, Y., Snell, J., Webb, T. D., Meyer, C. H., Miller, G. W., Ghanouni, P., Butts Pauly, K.
  2022; 12 (1): 13407
- **Improving Transcranial Acoustic Targeting: The Limits of CT Based Velocity Estimates and The Role of MR.** *IEEE transactions on ultrasonics, ferroelectrics, and frequency control*
  Webb, T. D., Fu, F., Leung, S. A., Ghanouni, P., Dahl, J., Does, M. D., Pauly, K. B.
  2022; PP
- **MRI-guided focused ultrasound focal therapy for patients with intermediate-risk prostate cancer: a phase 2b, multicentre study.** *The Lancet. Oncology*
  Ehdaie, B., Tempany, C. M., Holland, F., Sjoberg, D. D., Kibel, A. S., Trinh, Q., Durack, J. C., Akin, O., Vickers, A. J., Scardino, P. T., Sperling, D., Wong, J. Y., Yuh, et al
  2022
- **Changes In The Cerebello-thalamo-cortical Network After MR-guided Focused Ultrasound Thalamotomy.** *Brain connectivity*
  Thaler, C., Tian, Q., WIntermark, M., Ghanouni, P., Halpern, C., Henderson, J., Airan, R., Zeineh, M., Goubran, M., Leuze, C., Fiehler, J., Butts Pauly, K., McNab, et al
  2022
- **Computational Detection of Extraprostatic Extension of Prostate Cancer on Multiparametric MRI Using Deep Learning.** *Cancers*
  Moroianu, S. L., Bhattacharya, I., Seetharaman, A., Shao, W., Kunder, C. A., Sharma, A., Ghanouni, P., Fan, R. E., Sonn, G. A., Rusu, M.
  2022; 14 (12)
- **Bridging the gap between prostate radiology and pathology through machine learning.** *Medical physics*
  Bhattacharya, I., Lim, D. S., Aung, H. L., Liu, X., Seetharaman, A., Kunder, C. A., Shao, W., Soerensen, S. J., Fan, R. E., Ghanouni, P., To'o, K. J., Brooks, J. D., Sonn, et al
  2022
- **Correlation of 68Ga-RM2 PET with Post-Surgery Histopathology Findings in Patients with Newly Diagnosed Intermediate- or High-Risk Prostate Cancer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Duan, H., Baratto, L., Fan, R. E., Soerensen, S. J., Liang, T., Chung, B. I., Thong, A. E., Gill, H., Kunder, C., Stoyanova, T., Rusu, M., Loening, A. M., Ghanouni, et al
  2022
- **68Ga-PSMA-11 PET/MRI in patients with newly diagnosed intermediate or high-risk prostate adenocarcinoma: PET findings correlate with outcomes after definitive treatment.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Moradi, F., Duan, H., Song, H., Davidzon, G. A., Chung, B. I., Thong, A. E., Loening, A. M., Ghanouni, P., Sonn, G., Iagaru, A.
  2022
- **A Review of Imaging Methods to Assess Ultrasound-Mediated Ablation.** *BME frontiers*
  Fite, B. Z., Wang, J., Ghanouni, P., Ferrara, K. W.
  2022; 2022
- **Current management and recent progress in desmoid tumors.** *Cancer treatment and research communications*
  Zhou, M. Y., Bui, N. Q., Charville, G. W., Ghanouni, P., Ganjoo, K. N.
  2022; 31: 100562
- **Real-Time MRI-Guided Prostate Interventions.** *Cancers*
  Masoom, S. N., Sundaram, K. M., Ghanouni, P., Futterer, J., Oto, A., Ayyagari, R., Sprenkle, P., Weinreb, J., Arora, S.
  2022; 14 (8)
- **Confirmation of Ectopic Pancreatic Tissue: A Novel Use for 18F-Fluciclovine PET.** *Clinical nuclear medicine*
  Keller, E. J., de Castro, C. M., Ghanouni, P., Shah, J.
  2022
- **Increasing the transmission efficiency of transcranial ultrasound using a dual-mode conversion technique based on Lamb waves.** *The Journal of the Acoustical Society of America*
  Kang, K. C., Kim, Y. H., Kim, J. N., Kabir, M., Zhang, Y., Ghanouni, P., Park, K. K., Firouzi, K., Khuri-Yakub, B. T.

2022; 151 (3): 2159

- **Focused Ultrasound for Pediatric Diseases.** *Pediatrics*
  Janwadkar, R., Leblang, S., Ghanouni, P., Brenner, J., Ragheb, J., Hennekens, C. H., Kim, A., Sharma, K.
  2022; 149 (3)
- **A Review of Imaging Methods to Assess Ultrasound-Mediated Ablation** *BMEF: A Science Partner Journal*
  Fite, B. Z., Wang, J., Ghanouni, P., Ferrara, K. W.
  2022
- **Integrating zonal priors and pathomic MRI biomarkers for improved aggressive prostate cancer detection on MRI**
  Bhattacharya, I., Shao, W., Soerensen, S. J. C., Fan, R. E., Wang, J. B., Kunder, C., Ghanouni, P., Sonn, G. A., Rusu, M.
  edited by Drukker, K., Iftekharuddin, K. M.
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