

Shyam Natarajan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,626
citations

331670

21
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

2569
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods of monitoring thermal ablation of soft tissue tumors – A comprehensive review. Medical Physics, 2022, 49, 769-791.	3.0	23
2	Serial Molecular Profiling of Low-grade Prostate Cancer to Assess Tumor Upgrading: A Longitudinal Cohort Study. European Urology, 2021, 79, 456-465.	1.9	8
3	Prostate Cancer Detection Rate of Freehand versus 3-Dimensional Template Mapping Biopsy Using a Magnetic Resonance Imaging-Ultrasound Fusion Device in Biopsy Naïve Men. Letter.. Journal of Urology, 2021, 205, 1843-1843.	0.4	0
4	Using spatial tracking with magnetic resonance imaging/ultrasound-guided biopsy to identify unilateral prostate cancer. BJU International, 2020, 125, 399-406.	2.5	1
5	Prostate Multiparametric Magnetic Resonance Imaging Features Following Partial Gland Cryoablation. Urology, 2020, 138, 98-105.	1.0	9
6	Multicenter analysis of clinical and MRI characteristics associated with detecting clinically significant prostate cancer in PI-RADS (v2.0) category 3 lesions. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 637.e9-637.e15.	1.6	17
7	Prostate Cancer Detection Rate of Freehand versus 3-Dimensional Template Mapping Biopsy Using a Magnetic Resonance Imaging-Ultrasound Fusion Device in Biopsy Naïve Men. Journal of Urology, 2020, 203, 699-705.	0.4	2
8	A system using patient-specific 3D-printed molds to spatially align in vivo MRI with ex vivo MRI and whole-mount histopathology for prostate cancer research. Journal of Magnetic Resonance Imaging, 2019, 49, 270-279.	3.4	22
9	Comparison of Targeted vs Systematic Prostate Biopsy in Men Who Are Biopsy Naive. JAMA Surgery, 2019, 154, 811.	4.3	119
10	Do contemporary imaging and biopsy techniques reliably identify unilateral prostate cancer? Implications for hemiablation patient selection. Cancer, 2019, 125, 2955-2964.	4.1	21
11	Registration Accuracy of Patient-Specific, Three-Dimensional-Printed Prostate Molds for Correlating Pathology With Magnetic Resonance Imaging. IEEE Transactions on Biomedical Engineering, 2019, 66, 14-22.	4.2	4
12	Value of Tracking Biopsy in Men Undergoing Active Surveillance of Prostate Cancer. Journal of Urology, 2018, 199, 98-105.	0.4	17
13	Focal Therapy Eligibility Determined by Magnetic Resonance Imaging/Ultrasound Fusion Biopsy. Journal of Urology, 2018, 199, 453-458.	0.4	47
14	Focal Laser Ablation of Prostate Cancer: Feasibility of Magnetic Resonance Imaging-Ultrasound Fusion for Guidance. Journal of Urology, 2017, 198, 839-847.	0.4	59
15	Molecular Profiling to Determine Clonality of Serial Magnetic Resonance Imaging/Ultrasound Fusion Biopsies from Men on Active Surveillance for Low-Risk Prostate Cancer. Clinical Cancer Research, 2017, 23, 985-991.	7.0	24
16	Risk Stratification Among Men With Prostate Imaging Reporting and Data System version 2 Category 3 Transition Zone Lesions: Is Biopsy Always Necessary?. American Journal of Roentgenology, 2017, 209, 1272-1277.	2.2	49
17	Targeted Prostate Biopsy Using 68 Gallium PSMA-PET/CT for Image Guidance. Urology Case Reports, 2017, 14, 11-14.	0.3	25
18	Magnetic Resonance Imaging Underestimation of Prostate Cancer Geometry: Use of Patient Specific Molds to Correlate Images with Whole Mount Pathology. Journal of Urology, 2017, 197, 320-326.	0.4	173

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19	Focal Laser Ablation of Prostate Cancer. <i>Urology</i> , 2017, 99, e21-e22.	1.0	4
20	Targeted Biopsy to Detect Gleason Score Upgrading during Active Surveillance for Men with Low versus Intermediate Risk Prostate Cancer. <i>Journal of Urology</i> , 2017, 197, 632-639.	0.4	69
21	Prostate cancer detection with magnetic resonanceâ€“ultrasound fusion biopsy: The role of systematic and targeted biopsies. <i>Cancer</i> , 2016, 122, 884-892.	4.1	346
22	Focal Laser Ablation of Prostate Cancer: Phase I Clinical Trial. <i>Journal of Urology</i> , 2016, 196, 68-75.	0.4	88
23	Serial Magnetic Resonance Imaging in Active Surveillance of Prostate Cancer: Incremental Value. <i>Journal of Urology</i> , 2016, 195, 1421-1427.	0.4	96
24	Targeted Prostate Biopsy: Lessons Learned Midst the Evolution of a Disruptive Technology. <i>Urology</i> , 2015, 86, 432-438.	1.0	29
25	Progression of low- to high-grade prostate cancer: Molecular profiling of tissue obtained by serial targeted biopsy.. <i>Journal of Clinical Oncology</i> , 2015, 33, 5017-5017.	1.6	2
26	The Role of Magnetic Resonance Imaging in Delineating Clinically Significant Prostate Cancer. <i>Urology</i> , 2014, 83, 369-375.	1.0	60
27	Initial experience with electronic tracking of specific tumor sites in men undergoing active surveillance of prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 952-957.	1.6	33
28	Targeted Prostate Biopsy to Select Men for Active Surveillance: Do the Epstein Criteria Still Apply?. <i>Journal of Urology</i> , 2014, 192, 385-390.	0.4	114
29	Magnetic Resonance Imaging-Ultrasound Fusion Biopsy for Prediction of Final Prostate Pathology. <i>Journal of Urology</i> , 2014, 192, 1367-1373.	0.4	121
30	Value of Targeted Prostate Biopsy Using Magnetic Resonanceâ€“Ultrasound Fusion in Men with Prior Negative Biopsy and Elevated Prostate-specific Antigen. <i>European Urology</i> , 2014, 65, 809-815.	1.9	337
31	A system for evaluating magnetic resonance imaging of prostate cancer using patient-specific 3D printed molds. <i>American Journal of Clinical and Experimental Urology</i> , 2014, 2, 127-35.	0.4	23
32	Targeted Biopsy in the Detection of Prostate Cancer Using an Office Based Magnetic Resonance Ultrasound Fusion Device. <i>Journal of Urology</i> , 2013, 189, 86-92.	0.4	276
33	MRIâ€“ultrasound fusion for guidance of targeted prostate biopsy. <i>Current Opinion in Urology</i> , 2013, 23, 43-50.	1.8	197
34	3D reconstruction and image fusion using transurethral ultrasound. , 2012, , .		0
35	Clinical application of a 3D ultrasound-guided prostate biopsy system. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2011, 29, 334-342.	1.6	205
36	Development of an ultrasound imaging system for needle guidance. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
37	Space-time image reconstruction algorithm for diverse ultrasound transducer element distributions. , 2009, , .		1
38	Minimization of patient misidentification through proximity-based medical record retrieval. , 2009, , .		3