Shyam Natarajan

List of Publications by Year
in descending order

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38	2,626	331259	395343
papers	citations	21 h-index	33 g-index

39	39	39	2569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prostate cancer detection with magnetic resonanceâ€ultrasound fusion biopsy: The role of systematic and targeted biopsies. Cancer, 2016, 122, 884-892.	2.0	346
2	Value of Targeted Prostate Biopsy Using Magnetic Resonanceâ€“Ultrasound Fusion in Men with Prior Negative Biopsy and Elevated Prostate-specific Antigen. European Urology, 2014, 65, 809-815.	0.9	337
3	Targeted Biopsy in the Detection of Prostate Cancer Using an Office Based Magnetic Resonance Ultrasound Fusion Device. Journal of Urology, 2013, 189, 86-92.	0.2	276
4	Clinical application of a 3D ultrasound-guided prostate biopsy system. Urologic Oncology: Seminars and Original Investigations, 2011, 29, 334-342.	0.8	205
5	MRIâ€“ultrasound fusion for guidance of targeted prostate biopsy. Current Opinion in Urology, 2013, 23, 43-50.	0.9	197
6	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.	0.2	173
7	Magnetic Resonance Imaging-Ultrasound Fusion Biopsy for Prediction of Final Prostate Pathology. Journal of Urology, 2014, 192, 1367-1373.	0.2	121
8	Comparison of Targeted vs Systematic Prostate Biopsy in Men Who Are Biopsy Naive. JAMA Surgery, 2019, 154, 811.	2.2	119
9	Targeted Prostate Biopsy to Select Men for Active Surveillance: Do the Epstein Criteria Still Apply?. Journal of Urology, 2014, 192, 385-390.	0.2	114
10	Serial Magnetic Resonance Imaging in Active Surveillance of Prostate Cancer: Incremental Value. Journal of Urology, 2016, 195, 1421-1427.	0.2	96
11	Focal Laser Ablation of Prostate Cancer: Phase I Clinical Trial. Journal of Urology, 2016, 196, 68-75.	0.2	88
12	Targeted Biopsy to Detect Gleason Score Upgrading during Active Surveillance for Men with Low versus Intermediate Risk Prostate Cancer. Journal of Urology, 2017, 197, 632-639.	0.2	69
13	The Role of Magnetic Resonance Imaging in Delineating Clinically Significant Prostate Cancer. Urology, 2014, 83, 369-375.	0.5	60
14	Focal Laser Ablation of Prostate Cancer: Feasibility of Magnetic Resonance Imaging-Ultrasound Fusion for Guidance. Journal of Urology, 2017, 198, 839-847.	0.2	59
15	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.	1.0	49
16	Focal Therapy Eligibility Determined by Magnetic Resonance Imaging/Ultrasound Fusion Biopsy. Journal of Urology, 2018, 199, 453-458.	0.2	47
17	Initial experience with electronic tracking of specific tumor sites in men undergoing active surveillance of prostate cancer. Urologic Oncology: Seminars and Original Investigations, 2014, 32, 952-957.	0.8	33
18	Targeted Prostate Biopsy: Lessons Learned Midst the Evolution of a Disruptive Technology. Urology, 2015, 86, 432-438.	0.5	29

#	Article	IF	Citations
19	Targeted Prostate Biopsy Using 68 Gallium PSMA-PET/CT for Image Guidance. Urology Case Reports, 2017, 14, 11-14.	0.1	25
20	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.	3.2	24
21	A system for evaluating magnetic resonance imaging of prostate cancer using patient-specific 3D printed molds. American Journal of Clinical and Experimental Urology, 2014, 2, 127-35.	0.4	23
22	Methods of monitoring thermal ablation of soft tissue tumors â€“ A comprehensive review. Medical Physics, 2022, 49, 769-791.	1.6	23
23	A system using patientâ€specific 3Dâ€printed molds to spatially align in vivo MRI with ex vivo MRI and wholeâ€mount histopathology for prostate cancer research. Journal of Magnetic Resonance Imaging, 2019, 49, 270-279.	1.9	22
24	Do contemporary imaging and biopsy techniques reliably identify unilateral prostate cancer? Implications for hemiablation patient selection. Cancer, 2019, 125, 2955-2964.	2.0	21
25	Value of Tracking Biopsy in Men Undergoing Active Surveillance of Prostate Cancer. Journal of Urology, 2018, 199, 98-105.	0.2	17
26	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.	0.8	17
27	Prostate Multiparametric Magnetic Resonance Imaging Features Following Partial Gland Cryoablation. Urology, 2020, 138, 98-105.	0.5	9
28	Serial Molecular Profiling of Low-grade Prostate Cancer to Assess Tumor Upgrading: A Longitudinal Cohort Study. European Urology, 2021, 79, 456-465.	0.9	8
29	Focal Laser Ablation of Prostate Cancer. Urology, 2017, 99, e21-e22.	0.5	4
30	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.	2.5	4
31	Minimization of patient misidentification through proximity-based medical record retrieval. , 2009, , .		3
32	Development of an ultrasound imaging system for needle guidance. , 2009, , .		2
33	Progression of low- to high-grade prostate cancer: Molecular profiling of tissue obtained by serial targeted biopsy.. Journal of Clinical Oncology, 2015, 33, 5017-5017.	0.8	2
34	Prostate Cancer Detection Rate of Freehand versus 3-Dimensional Template Mapping Biopsy Using a Magnetic Resonance Imaging-Ultrasound Fusion Device in Biopsy NaÃ¯ve Men. Journal of Urology, 2020, 203, 699-705.	0.2	2
35	Space-time image reconstruction algorithm for diverse ultrasound transducer element distributions. , 2009, , .		1
36	Using spatial tracking with magnetic resonance imaging/ultrasoundâ€guided biopsy to identify unilateral prostate cancer. BJU International, 2020, 125, 399-406.	1.3	1

#	Article	IF	Citations
37	3D reconstruction and image fusion using transurethral ultrasound. , 2012, , .		0
38	Prostate Cancer Detection Rate of Freehand versus 3-Dimensional Template Mapping Biopsy Using a Magnetic Resonance Imaging-Ultrasound Fusion Device in Biopsy NaÃ¯ve Men. Letter.. Journal of Urology, 2021, 205, 1843-1843.	0.2	0