

# Kae Jack Tay

## List of Publications by Year in descending order

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86  
papers

1,074  
citations

516710

16  
h-index

454955

30  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can We Avoid a Systematic Biopsy in Men With PIRADS 5?. <i>Journal of Urology</i> , 2022, 207, 240-241.	0.4	0
2	Incorporating artificial intelligence in urology: Supervised machine learning algorithms demonstrate comparative advantage over nomograms in predicting biochemical recurrence after prostatectomy. <i>Prostate</i> , 2022, 82, 298-305.	2.3	10
3	NEAR trial: A single-arm phase II trial of neoadjuvant apalutamide monotherapy and radical prostatectomy in intermediate- and high-risk prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, , .	3.9	6
4	Reducing the number of systematic biopsy cores in the era of MRI targeted biopsyâ€”implications on clinically-significant prostate cancer detection and relevance to focal therapy planning. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 720-726.	3.9	16
5	Clinicopathological features of non-conventional renal cell carcinoma histological subtypes: Learning points from a large contemporary series spanning over three decades. <i>Investigative and Clinical Urology</i> , 2022, 63, 151.	2.0	1
6	Implementation and Impact of a Risk-Stratified Prostate Cancer Screening Algorithm as a Clinical Decision Support Tool in a Primary Care Network. <i>Journal of General Internal Medicine</i> , 2021, 36, 92-99.	2.6	10
7	Prostatic ductal adenocarcinoma variant predicts worse pathological and oncological outcomes: Insight from over 1000 consecutive patients from a large prospective uroâ€”oncology registry. <i>Prostate</i> , 2021, 81, 242-251.	2.3	5
8	Defining prostate cancer size and treatment margin for focal therapy: does intralesional heterogeneity impact the performance of multiparametric MRI?. <i>BJU International</i> , 2021, 128, 178-186.	2.5	7
9	External validation and comparison of magnetic resonance imaging-based predictive models for clinically significant prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 783.e1-783.e10.	1.6	4
10	Utilization of focal therapy for patients discontinuing active surveillance of prostate cancer: Recommendations of an international Delphi consensus. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 781.e17-781.e24.	1.6	10
11	Limitations of overlapping cores in systematic and MRI-US fusion biopsy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 782.e15-782.e21.	1.6	6
12	Focal therapy for prostate cancerâ€”ready to be a standard of care?. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 931-932.	3.9	1
13	Serum testosterone levels and testosterone â€”bounceâ€”phenomenon predict response to novel anti-androgen therapies in castration-resistant prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 829.e9-829.e17.	1.6	2
14	Key Steps in the Evaluation and Treatment Planning for Prostate Focal Cryotherapy. <i>Videourology (New Rochelle, N Y)</i> , 2021, 35, .	0.1	1
15	Cost-effectiveness of MRI targeted biopsy strategies for diagnosing prostate cancer in Singapore. <i>BMC Health Services Research</i> , 2021, 21, 909.	2.2	0
16	Robot-assisted Magnetic Resonance Imaging-ultrasound Fusion Transperineal Targeted Biopsy. <i>Urology</i> , 2021, 155, 46.	1.0	4
17	Biomarkers for Precision Urothelial Carcinoma Diagnosis: Current Approaches and the Application of Single-Cell Technologies. <i>Cancers</i> , 2021, 13, 260.	3.7	14
18	Laparoscopic sphincterâ€”preserving total pelvic exenteration with transanal total mesorectal excision for locally advanced rectal cancer â€” a video correspondence. <i>Colorectal Disease</i> , 2021, , .	1.4	1

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19	Prognostic Significance of Inflammation-associated Blood Cell Markers in Nonmetastatic Clear Cell Renal Cell Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2020, 18, 304-313.	1.9	28
20	Editorial Comment to Focal salvage low-dose-rate brachytherapy for recurrent prostate cancer based on magnetic resonance imaging/transrectal ultrasound fusion biopsy technique. <i>International Journal of Urology</i> , 2020, 27, 155-156.	1.0	0
21	Editorial Comment from Dr Tay to Focal bipolar radiofrequency ablation for localized prostate cancer: Safety and feasibility. <i>International Journal of Urology</i> , 2020, 27, 891-892.	1.0	0
22	Comparative study of surgical orchidectomy and medical castration in treatment efficacy, adverse effects and cost based on a large prospective metastatic prostate cancer registry. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 682.e1-682.e9.	1.6	8
23	Multiparametric MRI-ultrasonography software fusion prostate biopsy: initial results using a stereotactic robotic-assisted transperineal prostate biopsy platform comparing systematic vs targeted biopsy. <i>BJU International</i> , 2020, 126, 568-576.	2.5	17
24	Standardized Nomenclature and Surveillance Methodologies After Focal Therapy and Partial Gland Ablation for Localized Prostate Cancer: An International Multidisciplinary Consensus. <i>European Urology</i> , 2020, 78, 371-378.	1.9	66
25	Benefits of robotic cystectomy compared with open cystectomy in an Enhanced Recovery After Surgery program: A propensity-matched analysis. <i>International Journal of Urology</i> , 2020, 27, 783-788.	1.0	12
26	Stereotactic robot-assisted transperineal prostate biopsy under local anaesthesia and sedation: moving robotic biopsy from operating theatre to clinic. <i>Journal of Robotic Surgery</i> , 2020, 14, 767-772.	1.8	8
27	Local and systemic morbidities of de novo metastatic prostate cancer in Singapore: insight from 685 consecutive patients from a large prospective Uro-oncology registry. <i>BMJ Open</i> , 2020, 10, e034331.	1.9	12
28	Editorial Comment. <i>Journal of Urology</i> , 2020, 204, 1201-1201.	0.4	0
29	Surveillance after prostate focal therapy. <i>World Journal of Urology</i> , 2019, 37, 397-407.	2.2	63
30	Salvage Radiotherapy for Recurrent Prostate Cancer: Can the Prognostic Grade Group System Inform Treatment Timing?. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e930-e938.	1.9	1
31	<sup>68</sup> Gallium-labelled PSMA-PET/CT as a diagnostic and clinical decision-making tool in Asian prostate cancer patients following prostatectomy. <i>Cancer Biology and Medicine</i> , 2019, 16, 157.	3.0	12
32	Influence of African American race on the association between preoperative biopsy grade group and adverse histopathologic features of radical prostatectomy. <i>Cancer</i> , 2019, 125, 3025-3032.	4.1	3
33	Evolving trends in the surgical management of renal masses over the past two decades: A contemporary picture from a large prospectively-maintained database. <i>International Journal of Urology</i> , 2019, 26, 465-474.	1.0	6
34	Total Extraperitoneal Robot-Assisted Laparoscopic Radical Prostatectomy: Step-by-Step Approach. <i>Videourology (New Rochelle, N Y)</i> , 2019, 33, .	0.1	2
35	Anterior gland focal cryoablation: proof-of-concept primary prostate cancer treatment in select men with localized anterior cancers detected by multi-parametric magnetic resonance imaging. <i>BMC Urology</i> , 2019, 19, 127.	1.4	10
36	Clinical and genetic determinants of toxicity and quality-of-life (QOL) outcomes for SBRT in Asian prostate cancer. <i>Journal of Clinical Oncology</i> , 2019, 37, 95-95.	1.6	0

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37	Editorial Comment. Journal of Urology, 2019, 201, 1142-1143.	0.4	0
38	Erythematous Velvety Plaque of the Scrotum and Penis. JAMA Oncology, 2018, 4, 861.	7.1	1
39	New prostate cancer prognostic grade group (PGG): Can multiparametric MRI (mpMRI) accurately separate patients with low-, intermediate-, and high-grade cancer?. Abdominal Radiology, 2018, 43, 702-712.	2.1	15
40	Outcomes of combination MRI-targeted and transperineal template biopsy in restaging low-risk prostate cancer for active surveillance. Asian Journal of Urology, 2018, 5, 184-193.	1.2	12
41	Associations Between Prostate Volume and Oncologic Outcomes in Men Undergoing Focal Cryoablation of the Prostate. Clinical Genitourinary Cancer, 2018, 16, e477-e482.	1.9	4
42	Prostate focal therapy. Current Opinion in Urology, 2018, 28, 512-521.	1.8	6
43	Predictors of Rectourethral Fistula Formation After Primary Whole-Gland Cryoablation for Prostate Cancer: Results from the Cryo On-Line Database Registry. Journal of Endourology, 2018, 32, 791-796.	2.1	11
44	Does Any Racial Disparity Exist in Oncologic Outcomes After Primary Cryotherapy for Prostate Cancer? A Matched-pair Comparative Analysis of the Cryo On-Line Data Registry. Clinical Genitourinary Cancer, 2018, 16, e1073-e1076.	1.9	2
45	68-Ga prostate-specific membrane antigen-PET as a diagnostic and clinical decision making tool in biochemical recurrences post-radical prostatectomy.. Journal of Clinical Oncology, 2018, 36, 377-377.	1.6	0
46	Prostate Specific Antigen Nadir of 0.1 or Less Is a Predictor of Treatment Success in Men Undergoing Salvage Whole Prostate Gland Cryoablation. Journal of Endourology, 2017, 31, 497-501.	2.1	5
47	Propensity Score-Matched Comparison of Partial to Whole-Gland Cryotherapy for Intermediate-Risk Prostate Cancer: An Analysis of the Cryo On-Line Data Registry Data. Journal of Endourology, 2017, 31, 564-571.	2.1	30
48	High-intensity focused ultrasound for focal therapy. Current Opinion in Urology, 2017, 27, 138-148.	1.8	14
49	New advances in focal therapy for early stage prostate cancer. Expert Review of Anticancer Therapy, 2017, 17, 737-743.	2.4	16
50	Body mass index and the clinicopathological characteristics of clinically localized renal massesâ€”An international retrospective review. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 459.e1-459.e5.	1.6	10
51	Focal Therapy for Prostate Cancer with In-Bore MRâ€”guided Focused Ultrasound: Two-Year Follow-up of a Phase I Trialâ€”Complications and Functional Outcomes. Radiology, 2017, 285, 620-628.	7.3	40
52	Validation of the 2015 prostate cancer grade groups for predicting longâ€”term oncologic outcomes in a shared equalâ€”access health system. Cancer, 2017, 123, 4122-4129.	4.1	15
53	Assessing clinically significant prostate cancer: Diagnostic properties of multiparametric magnetic resonance imaging compared to threeâ€”dimensional transperineal template mapping histopathology. International Journal of Urology, 2017, 24, 137-143.	1.0	9
54	Utilization of multiparametric prostate magnetic resonance imaging in clinical practice and focal therapy: report from a Delphi consensus project. World Journal of Urology, 2017, 35, 695-701.	2.2	63

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55	Expanding thermal ablation to the "intermediate-sized" renal mass: clinical utility in T1b tumors. <i>Translational Andrology and Urology</i> , 2017, 6, 127-130.	1.4	5
56	Prostate Cryotherapy. , 2017, , 273-285.		1
57	Focal Therapy and Active Surveillance of Prostate Cancer in East and Southeast Asia. <i>Current Clinical Urology</i> , 2017, , 75-81.	0.0	2
58	Focal Therapy for Anterior Cancers (Originated from Transition Zone). <i>Current Clinical Urology</i> , 2017, , 373-382.	0.0	0
59	Focal Cryotherapy. <i>Current Clinical Urology</i> , 2017, , 283-291.	0.0	0
60	Five-Year Biochemical Progression-Free Survival Following Salvage Whole-Gland Prostate Cryoablation: Defining Success with Nadir Prostate-Specific Antigen. <i>Journal of Endourology</i> , 2016, 30, 624-631.	2.1	15
61	MP18-16 PROPENSITY SCORE MATCHED COMPARISON OF PARTIAL TO WHOLE GLAND CRYOTHERAPY FOR INTERMEDIATE-RISK PROSTATE CANCER: AN ANALYSIS OF THE COLD REGISTRY DATA. <i>Journal of Urology</i> , 2016, 195, .	0.4	1
62	Standardization of definitions in focal therapy of prostate cancer: report from a Delphi consensus project. <i>World Journal of Urology</i> , 2016, 34, 1373-1382.	2.2	62
63	Can Radiologic Staging With Multiparametric MRI Enhance the Accuracy of the Partin Tables in Predicting Organ-Confined Prostate Cancer?. <i>American Journal of Roentgenology</i> , 2016, 207, 87-95.	2.2	36
64	Targeted Anterior Gland Focal Therapy—a Novel Treatment Option for a Better Defined Disease. <i>Current Urology Reports</i> , 2016, 17, 69.	2.2	9
65	Editorial Comment. <i>Journal of Urology</i> , 2016, 196, 889-889.	0.4	0
66	Integration of multiparametric MRI into active surveillance of prostate cancer. <i>Future Oncology</i> , 2016, 12, 2513-2529.	2.4	6
67	Navigating MRI-TRUS fusion biopsy: optimizing the process and avoiding technical pitfalls. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 303-311.	2.4	22
68	Prostate cancer in men of African origin. <i>Nature Reviews Urology</i> , 2016, 13, 99-107.	3.8	96
69	Management of Prostate Cancer in the Elderly. <i>Clinics in Geriatric Medicine</i> , 2016, 32, 113-132.	2.6	12
70	Defining the Incremental Utility of Prostate Multiparametric Magnetic Resonance Imaging at Standard and Specialized Read in Predicting Extracapsular Extension of Prostate Cancer. <i>European Urology</i> , 2016, 70, 211-213.	1.9	69
71	Primary Cryotherapy for High-Grade Clinically Localized Prostate Cancer: Oncologic and Functional Outcomes from the COLD Registry. <i>Journal of Endourology</i> , 2016, 30, 43-48.	2.1	30
72	MP48-08 EARLY OUTCOMES OF COMBINATION MRI-TARGETED AND SATURATION TRANS-PERINEAL BIOPSY IN RESTAGING LOW-RISK PROSTATE CANCER FOR ACTIVE SURVEILLANCE. <i>Journal of Urology</i> , 2015, 193, .	0.4	1

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73	Active surveillance for prostate cancer. <i>Current Opinion in Urology</i> , 2015, 25, 185-190.	1.8	25
74	Keeping an Open Mind About Novel Concepts for Management of Prostate Cancer. <i>European Urology</i> , 2015, 68, 937-938.	1.9	3
75	Multi-institutional external validation of urinary TWIST1 and NID2 methylation as a diagnostic test for bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015, 33, 387.e1-387.e6.	1.6	25
76	Inflammation: A Significant Contributor to Upper-tract Urothelial Carcinoma Prognosis?. <i>European Urology Focus</i> , 2015, 1, 64-65.	3.1	0
77	A compact method for prostate zonal segmentation on multiparametric MRIs. , 2014, , .		3
78	Prostate boundary segment extraction using cascaded shape regression and optimal surface detection. , 2014, 2014, 2886-9.		0
79	V6-14 ROBOTIC TRANSPERINEAL PROSTATE SATURATION BIOPSY: TECHNIQUE AND OUTCOMES. <i>Journal of Urology</i> , 2014, 191, .	0.4	0
80	The Minimally Invasive Treatments for Benign Prostrate Hyperplasia. <i>Proceedings of Singapore Healthcare</i> , 2014, 23, 65-73.	0.6	2
81	Diagnostic and Prognostic Utility of a DNA Hypermethylated Gene Signature in Prostate Cancer. <i>PLoS ONE</i> , 2014, 9, e91666.	2.5	13
82	Prevailing attitudes towards cancer: a multicultural survey in a tertiary outpatient setting. <i>Annals of the Academy of Medicine, Singapore</i> , 2013, 42, 492-8.	0.4	1
83	Is contrast enhanced ultrasound a valid alternative diagnostic modality for renal cell carcinoma in patients with renal impairment?. <i>Annals of the Academy of Medicine, Singapore</i> , 2012, 41, 127-8.	0.4	1
84	RIGHT CHOLECYSTOâ€HEPATOâ€CHOLEDOCHO FISTULA: A NEW VARIANT OF TYPE II MIRIZZI SYNDROME?. <i>ANZ Journal of Surgery</i> , 2007, 77, 798-799.	0.7	1
85	Passive cigarette smoking is a risk factor in cervical neoplasia. <i>Gynecologic Oncology</i> , 2004, 93, 116-120.	1.4	33
86	Staged pelvic exenteration followed by oblique fleur-de-lis rectus abdominis myocutaneous (OFRAM) flap and keystone flap reconstruction for extramammary Pagetâ€™s disease. <i>European Journal of Plastic Surgery</i> , 0, , 1.	0.6	0