

Peter Ka-Fung Chiu

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,105
citations

361045

20
h-index

264894

42
g-index

103
all docs

103
docs citations

103
times ranked

3759
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical or Biologic Prostheses for Aortic-Valve and Mitral-Valve Replacement. <i>New England Journal of Medicine</i> , 2017, 377, 1847-1857.	13.9	454
2	A study based on whole-genome sequencing yields a rare variant at 8q24 associated with prostate cancer. <i>Nature Genetics</i> , 2012, 44, 1326-1329.	9.4	178
3	Prediction of High-grade Prostate Cancer Following Multiparametric Magnetic Resonance Imaging: Improving the Rotterdam European Randomized Study of Screening for Prostate Cancer Risk Calculators. <i>European Urology</i> , 2019, 75, 310-318.	0.9	129
4	Endovascular Versus Open Repair of Intact Descending Thoracic Aortic Aneurysms. <i>Journal of the American College of Cardiology</i> , 2019, 73, 643-651.	1.2	72
5	Evolution of surgical therapy for Stanford acute type A aortic dissection. <i>Annals of Cardiothoracic Surgery</i> , 2016, 5, 275-295.	0.6	69
6	A Multicentre Evaluation of the Role of the Prostate Health Index (PHI) in Regions with Differing Prevalence of Prostate Cancer: Adjustment of PHI Reference Ranges is Needed for European and Asian Settings. <i>European Urology</i> , 2019, 75, 558-561.	0.9	64
7	A systematic review on COVID-19: urological manifestations, viral RNA detection and special considerations in urological conditions. <i>World Journal of Urology</i> , 2021, 39, 3127-3138.	1.2	64
8	Genomewide bisulfite sequencing reveals the origin and time-dependent fragmentation of urinary cfDNA. <i>Clinical Biochemistry</i> , 2017, 50, 496-501.	0.8	60
9	Psychological Health of Surgeons in a Time of COVID-19. <i>Annals of Surgery</i> , 2023, 277, 50-56.	2.1	59
10	The Prostate Health Index in predicting initial prostate biopsy outcomes in Asian men with prostate-specific antigen levels of 4×10^3 ng/mL. <i>International Urology and Nephrology</i> , 2014, 46, 711-717.	0.6	50
11	Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1-7.e1.	0.4	47
12	Immediate operation for acute type A aortic dissection complicated by visceral or peripheral malperfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 18-24.e3.	0.4	44
13	Subcapsular Hematoma After Ureteroscopy and Laser Lithotripsy. <i>Journal of Endourology</i> , 2013, 27, 1115-1119.	1.1	38
14	Robot-assisted single-port radical prostatectomy: A phase 1 clinical study. <i>International Journal of Urology</i> , 2019, 26, 878-883.	0.5	36
15	A Global Trend Analysis of Kidney Cancer Incidence and Mortality and Their Associations with Smoking, Alcohol Consumption, and Metabolic Syndrome. <i>European Urology Focus</i> , 2022, 8, 200-209.	1.6	35
16	Clinical outcomes of augmentation cystoplasty in patients suffering from ketamine-related bladder contractures. <i>International Urology and Nephrology</i> , 2013, 45, 1245-1251.	0.6	33
17	Infection Rate after Transperineal Prostate Biopsy with and without Prophylactic Antibiotics: Results from a Systematic Review and Meta-Analysis of Comparative Studies. <i>Journal of Urology</i> , 2022, 207, 25-34.	0.2	29
18	Comparison of Detrusor Muscle Sampling Rate in Monopolar and Bipolar Transurethral Resection of Bladder Tumor: A Randomized Trial. <i>Annals of Surgical Oncology</i> , 2017, 24, 1428-1434.	0.7	27

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19	Prostate health index (PHI) and prostate-specific antigen (PSA) predictive models for prostate cancer in the Chinese population and the role of digital rectal examination-estimated prostate volume. <i>International Urology and Nephrology</i> , 2016, 48, 1631-1637.	0.6	25
20	Thickness-to-Height Ratio of Intravesical Prostatic Protrusion Predicts the Clinical Outcome and Morbidity of Prostatic Artery Embolization for Benign Prostatic Hyperplasia. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1807-1816.	0.2	24
21	Jagged Ends of Urinary Cell-Free DNA: Characterization and Feasibility Assessment in Bladder Cancer Detection. <i>Clinical Chemistry</i> , 2021, 67, 621-630.	1.5	24
22	Prostate Health Index and %p2PSA Predict Aggressive Prostate Cancer Pathology in Chinese Patients Undergoing Radical Prostatectomy. <i>Annals of Surgical Oncology</i> , 2016, 23, 2707-2714.	0.7	20
23	Identification of piRNA Targets in Urinary Extracellular Vesicles for the Diagnosis of Prostate Cancer. <i>Diagnostics</i> , 2021, 11, 1828.	1.3	20
24	Does selective dorsal rhizotomy improve bladder function in children with cerebral palsy?. <i>International Urology and Nephrology</i> , 2014, 46, 1929-1933.	0.6	19
25	The Potential Role of Spermine and Its Acetylated Derivative in Human Malignancies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1258.	1.8	19
26	A Randomized Controlled Trial Comparing the Efficacy of Hybrid Bipolar Transurethral Vaporization and Resection of the Prostate with Bipolar Transurethral Resection of the Prostate. <i>Journal of Endourology</i> , 2011, 25, 1889-1894.	1.1	18
27	Case-Control Study of Intra-arterial Verapamil for Intraprostatic Anastomoses to Extraprostatic Arteries in Prostatic Artery Embolization for Benign Prostatic Hypertrophy. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1167-1176.	0.2	18
28	Enhancement of prostate cancer diagnosis by machine learning techniques: an algorithm development and validation study. <i>Prostate Cancer and Prostatic Diseases</i> , 2022, 25, 672-676.	2.0	17
29	Risk of acute myocardial infarction after androgen-deprivation therapy for prostate cancer in a Chinese population. <i>BJU International</i> , 2015, 116, 382-387.	1.3	16
30	Risks of AKI and Major Adverse Clinical Outcomes in Patients with Severe Acute Respiratory Syndrome or Coronavirus Disease 2019. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 961-971.	3.0	16
31	Time-to-operation does not predict outcome in acute type A aortic dissection complicated by neurologic injury at presentation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 665-672.	0.4	15
32	The Emerging Clinical Role of Spermine in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4382.	1.8	15
33	Secondary hemorrhage after bipolar transurethral resection and vaporization of prostate. <i>Urology Annals</i> , 2016, 8, 458.	0.3	15
34	The role of urine prostate cancer antigen 3 mRNA levels in the diagnosis of prostate cancer among Hong Kong Chinese patients. <i>Hong Kong Medical Journal</i> , 2012, 18, 459-65.	0.1	15
35	The impact of microbiome in urological diseases: a systematic review. <i>International Urology and Nephrology</i> , 2019, 51, 1677-1697.	0.6	14
36	Novel Strategies for Treating Castration-Resistant Prostate Cancer. <i>Biomedicines</i> , 2021, 9, 339.	1.4	14

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37	Ambulatory care program for patients presenting with acute urinary retention secondary to benign prostatic hyperplasia. <i>International Urology and Nephrology</i> , 2012, 44, 1593-1599.	0.6	13
38	A cross-sectional study on gut microbiota in prostate cancer patients with prostatectomy or androgen deprivation therapy. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 1063-1072.	2.0	13
39	Inherited Mutations in Chinese Men With Prostate Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2022, 20, 54-62.	2.3	13
40	Additional benefit of using a risk-based selection for prostate biopsy: an analysis of biopsy complications in the Rotterdam section of the European Randomized Study of Screening for Prostate Cancer. <i>BJU International</i> , 2017, 120, 394-400.	1.3	12
41	Biomarkers to personalize treatment with ¹⁷⁷ Lu-PSMA-617 in men with metastatic castration-resistant prostate cancer - a state of the art review. <i>Therapeutic Advances in Medical Oncology</i> , 2022, 14, 175883592210819.	1.4	12
42	The effect of renal cortical thickness on the treatment outcomes of kidney stones treated with shockwave lithotripsy. <i>Korean Journal of Urology</i> , 2015, 56, 379.	1.2	10
43	Sectoral cancer detection and tolerability of freehand transperineal prostate biopsy under local anaesthesia. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 431-438.	2.0	10
44	Urine spermine and multivariable Spermine Risk Score predict high-grade prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 542-548.	2.0	10
45	Prostatic artery embolization in treating benign prostatic hyperplasia: a systematic review. <i>International Urology and Nephrology</i> , 2017, 49, 197-203.	0.6	9
46	The cost-effectiveness of prostate health index for prostate cancer detection in Chinese men. <i>Prostate Cancer and Prostatic Diseases</i> , 2020, 23, 615-621.	2.0	9
47	Urinary Cell-Free DNA in Bladder Cancer Detection. <i>Diagnostics</i> , 2021, 11, 306.	1.3	9
48	Delayed surgery for localised and metastatic renal cell carcinoma: a systematic review and meta-analysis for the COVID-19 pandemic. <i>World Journal of Urology</i> , 2021, 39, 4295-4303.	1.2	9
49	Robotic-assisted thoracoscopic enucleation of esophageal leiomyoma. <i>Journal of Robotic Surgery</i> , 2011, 5, 227-229.	1.0	8
50	Extended use of Prostate Health Index and percentage of [-2]pro-prostate-specific antigen in Chinese men with prostate specific antigen 10-20 ng/mL and normal digital rectal examination. <i>Investigative and Clinical Urology</i> , 2016, 57, 336.	1.0	8
51	The cardiovascular risk factors in men with lower urinary tract symptoms. <i>World Journal of Urology</i> , 2019, 37, 727-733.	1.2	8
52	Economic evaluation of the introduction of the Prostate Health Index as a rule-out test to avoid unnecessary biopsies in men with prostate specific antigen levels of 4-10 in Hong Kong. <i>PLoS ONE</i> , 2019, 14, e0215279.	1.1	8
53	Effect of androgen deprivation therapy on cardiovascular function in Chinese patients with advanced prostate cancer: a prospective cohort study. <i>Scientific Reports</i> , 2020, 10, 18060.	1.6	8
54	High-Intensity Focused Ultrasound (HIFU) Focal Therapy for Localized Prostate Cancer with MRI-US Fusion Platform. <i>Advances in Urology</i> , 2021, 2021, 1-7.	0.6	8

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55	Role of PSA density in diagnosis of prostate cancer in obese men. <i>International Urology and Nephrology</i> , 2014, 46, 2251-2254.	0.6	7
56	Endothelial nitric oxide synthase (eNOS)-NO signaling axis functions to promote the growth of prostate cancer stem-like cells. <i>Stem Cell Research and Therapy</i> , 2022, 13, 188.	2.4	7
57	Hepatic haematoma after shockwave lithotripsy for renal stones. <i>Urological Research</i> , 2012, 40, 785-789.	1.5	6
58	Clear cell carcinoma of the urinary bladder: a systematic review. <i>International Urology and Nephrology</i> , 2021, 53, 815-824.	0.6	6
59	Transurethral resection of prostate for acute urinary retention is linked to shorter survival in younger men. <i>Asian Journal of Andrology</i> , 2019, 21, 468.	0.8	6
60	Short-stay transurethral prostate surgery: A randomized controlled trial comparing transurethral resection in saline bipolar transurethral vaporization of the prostate with monopolar transurethral resection. <i>Asian Journal of Endoscopic Surgery</i> , 2015, 8, 316-322.	0.4	5
61	Robot-Assisted Radical Cystectomy Using a Side-Docking Technique. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2015, 25, 207-211.	0.5	5
62	Bilateral Giant Coronary Artery Aneurysms Complicated by Acute Coronary Syndrome and Cardiogenic Shock. <i>Annals of Thoracic Surgery</i> , 2016, 101, e95-e97.	0.7	5
63	The effect of bariatric surgery on the improvement of lower urinary tract symptoms in morbidly obese male patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 380-388.	2.0	5
64	Initial Prostate Health Index (phi) and phi density predicts future risk of clinically significant prostate cancer in men with initial negative prostate biopsy: a 6-year follow-up study. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, , .	2.0	5
65	Transperineal Targeted Microwave Ablation (TMA) of localized prostate cancer guided by MRI-Ultrasound fusion and organ-based tracking: a pilot study. <i>Prostate Cancer and Prostatic Diseases</i> , 2023, 26, 736-742.	2.0	5
66	Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 283-291.	0.4	4
67	Risk factors in the prediction of long-term patency of Resonance metallic ureteric stent in malignant ureteric obstruction. <i>BJUI Compass</i> , 2020, 1, 74-81.	0.7	4
68	How to manage patients with suspected upper tract urothelial carcinoma in the pandemic of COVID-19?. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 733.e11-733.e16.	0.8	4
69	Risks of metabolic diseases and androgen deprivation therapy for prostate cancer in a Chinese population: a prospective multi-centre cohort study. <i>International Urology and Nephrology</i> , 2022, 54, 993-1000.	0.6	4
70	The Association between Spermidine/Spermine N1-Acetyltransferase (SSAT) and Human Malignancies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5926.	1.8	4
71	Giant saphenous vein graft aneurysm compressing the lingular bronchus. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, e1-e3.	0.4	3
72	Technique of total robotic augmentation gastrectomy. <i>Urology Video Journal</i> , 2020, 5, 100024.	0.1	3

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73	Current status of organoid culture in urological malignancy. <i>International Journal of Urology</i> , 2021, , .	0.5	3
74	Robotic ileal interposition for long ureteric stricture. <i>Central European Journal of Urology</i> , 2019, 72, 425-426.	0.2	3
75	Effect of body mass index on serum prostate-specific antigen levels among patients presenting with lower urinary tract symptoms. <i>Asian Pacific Journal of Cancer Prevention</i> , 2011, 12, 1937-40.	0.5	3
76	Letter by Ng et al Regarding Article, "Cardiovascular Safety of Degarelix Versus Leuprolide in Patients With Prostate Cancer: The Primary Results of the PRONOUNCE Randomized Trial" <i>Circulation</i> , 2022, 145, e773-e774.	1.6	3
77	Time trend and characteristics of prostate cancer diagnosed in Hong Kong (China) in the past two decades. <i>Asian Journal of Andrology</i> , 2019, 21, 104.	0.8	2
78	Effectiveness of One-Stop Screening for Colorectal, Breast, and Prostate Cancers: A Population-Based Feasibility Study. <i>Frontiers in Oncology</i> , 2021, 11, 631666.	1.3	2
79	Role of pre-biopsy multiparametric MRI in prostate cancer diagnosis: Evidence from the literature. <i>Turkish Journal of Urology</i> , 2021, 47, S65-S70.	1.3	2
80	A propensity score-matching study on retzius-sparing robotic-assisted radical prostatectomy: Evidence of continence advantage on the early learning curve. <i>Asian Journal of Surgery</i> , 2022, 45, 1403-1407.	0.2	2
81	Cystinuria: a rare diagnosis that should not be missed. <i>Hong Kong Medical Journal</i> , 2008, 14, 399-401.	0.1	2
82	Assessment of Health-Related Quality of Life in Patients with Advanced Prostate Cancer"Current State and Future Perspectives. <i>Cancers</i> , 2022, 14, 147.	1.7	2
83	Technique, outcome and changes in prostate dimensions in patients with urinary retention managed by aquablation. <i>International Urology and Nephrology</i> , 2022, 54, 1787-1792.	0.6	2
84	Effects of an autologous fibrin sealant on lymphatic leakage after radical cystectomy: <sc>A</sc> matched case"control study. <i>Surgical Practice</i> , 2016, 20, 119-123.	0.1	1
85	A Comprehensive Community-Based Prevalence Study on Nocturia in Hong Kong Male Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9112.	1.2	1
86	Clarification of the Pre- and Post-Treatment Parameter for Erectile Dysfunction Treatment. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2569.	1.2	0
87	Surgical robots for radical cystectomies in a medium"volume hospital. <i>Surgical Practice</i> , 2017, 21, 136-140.	0.1	0
88	Picture-in-picture video demonstration of systematic transperineal prostate biopsy. , 2021, 27, 304-305.		0
89	Preliminary experience with indocyanine green lymphography during microsurgical subinguinal varicocelectomy. <i>Surgical Practice</i> , 0, , .	0.1	0
90	PD17-01"UPFRONT MRI IS THE NEW STANDARD, HAVE CONFIRMATORY BIOPSIES BECOME OBSOLETE?. <i>Journal of Urology</i> , 2021, 206, .	0.2	0

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91	MP30-15â€fTHE COMBINATION OF PROSTATE HEALTH INDEX (PHI) AND MULTIPARAMETRIC MRI PROSTATE IMPROVES THE DETECTION OF CLINICALLY SIGNIFICANT PROSTATE CANCER (CSPCA): A MULTICENTRE EVALUATION. <i>Journal of Urology</i> , 2021, 206, .	0.2	0
92	V14-02â€fORGAN BASED TRACKING (OBT) TRANSPERINEAL TARGETED MICROWAVE ABLATION (TMA) OF ANTERIOR MIDLINE PROSTATE CANCER. <i>Journal of Urology</i> , 2021, 206, .	0.2	0
93	Robotic radical cystectomy and bilateral nephrectomy in a renal transplant patient: the indocyanine green technique. <i>Central European Journal of Urology</i> , 2021, 74, 272-273.	0.2	0
94	Can We Screen and Still Reduce Overdiagnosis?. <i>Current Clinical Urology</i> , 2018, , 9-20.	0.0	0
95	MRI-Ultrasound Fusion Prostate Biopsy. , 2019, , 303-314.		0
96	Is Varicocele a Bilateral Disease?. , 2019, , 359-366.		0
97	PD48-03â€fPROSTATE CANCER SCREENING WITH PSA, PROSTATE HEALTH INDEX AND MRI IN A PROSPECTIVE COHORT OF HONG KONG CHINESE MEN: AN INTERIM ANALYSIS. <i>Journal of Urology</i> , 2020, 203, .	0.2	0
98	V14-03â€fTRANSPERINEAL MICROWAVE NEEDLE THERMOABLATION OF PROSTATE CANCER GUIDED BY MRI ULTRASOUND FUSION AND ORGAN BASED TRACKING TECHNOLOGY. <i>Journal of Urology</i> , 2020, 203, .	0.2	0
99	MP75-07â€fA TERRITORY-WIDE STUDY ON THE PREDICTORS OF 30-DAY COMPLICATIONS IN TRANSRECTAL VERSUS TRANSPERINEAL PROSTATE BIOPSY. <i>Journal of Urology</i> , 2020, 203, e1144.	0.2	0
100	PD53-05â€fTHE FIRST PROSPECTIVE EVALUATION OF THE NOVEL URINE BIOMARKER SPERMINE IN PREDICTING PROSTATE CANCER. <i>Journal of Urology</i> , 2020, 203, e1098.	0.2	0
101	Reply by Authors. <i>Journal of Urology</i> , 2022, 207, 34-34.	0.2	0