

Edmund Chiong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87

papers

2,115

citations

26

h-index

45

g-index

96

ext. papers

2,635

ext. citations

5.4

avg, IF

4.82

L-index

#	Paper	IF	Citations
87	Molecular profiling reveals a tumor-promoting phenotype of monocytes and macrophages in human cancer progression. <i>Immunity</i> , 2014 , 41, 815-29	32.3	166
86	Noninvasive urinary metabonomic diagnosis of human bladder cancer. <i>Journal of Proteome Research</i> , 2010 , 9, 2988-95	5.6	150
85	Surface modification of silicone for biomedical applications requiring long-term antibacterial, antifouling, and hemocompatible properties. <i>Langmuir</i> , 2012 , 28, 16408-22	4	127
84	Inhibition of Escherichia coli and Proteus mirabilis adhesion and biofilm formation on medical grade silicone surface. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 336-45	4.9	107
83	Prospective International Randomized Phase II Study of Low-Dose Abiraterone With Food Versus Standard Dose Abiraterone In Castration-Resistant Prostate Cancer. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1389-1395	2.2	89
82	Functionalized mesoporous silica nanoparticles with mucoadhesive and sustained drug release properties for potential bladder cancer therapy. <i>Langmuir</i> , 2014 , 30, 6151-61	4	86
81	Surface modification strategies for combating catheter-related complications: recent advances and challenges. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2045-2067	7.3	75
80	Randomized controlled study of mechanical percussion, diuresis, and inversion therapy to assist passage of lower pole renal calculi after shock wave lithotripsy. <i>Urology</i> , 2005 , 65, 1070-4	1.6	75
79	Antifouling coating with controllable and sustained silver release for long-term inhibition of infection and encrustation in urinary catheters. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 519-28	3.5	74
78	Urinary metabotyping of bladder cancer using two-dimensional gas chromatography time-of-flight mass spectrometry. <i>Journal of Proteome Research</i> , 2013 , 12, 3865-73	5.6	70
77	Polymeric nanoparticles with encapsulated superparamagnetic iron oxide and conjugated cisplatin for potential bladder cancer therapy. <i>Biomacromolecules</i> , 2012 , 13, 2513-20	6.9	69
76	Effects of mTOR inhibitor everolimus (RAD001) on bladder cancer cells. <i>Clinical Cancer Research</i> , 2011 , 17, 2863-73	12.9	54
75	Surface Modification of Silicone with Covalently Immobilized and Crosslinked Agarose for Potential Application in the Inhibition of Infection and Omental Wrapping. <i>Advanced Functional Materials</i> , 2014 , 24, 1631-1643	15.6	53
74	Highly sensitive and specific novel biomarkers for the diagnosis of transitional bladder carcinoma. <i>Oncotarget</i> , 2015 , 6, 13539-49	3.3	53
73	Port-site hernias occurring after the use of bladeless radially expanding trocars. <i>Urology</i> , 2010 , 75, 574-806		50
72	Predictive value of p53 and pRb expression in superficial bladder cancer patients treated with BCG and interferon-alpha. <i>Cancer</i> , 2007 , 109, 1097-105	6.4	50
71	The incidence, mortality, and risk factors of prostate cancer in Asian men. <i>Prostate International</i> , 2019 , 7, 1-8	3.4	45

70	Mach-Zehnder interferometer (MZI) point-of-care system for rapid multiplexed detection of microRNAs in human urine specimens. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 365-372	11.8	43
69	Extraction and quantification of biofilm bacteria: Method optimized for urinary catheters. <i>Scientific Reports</i> , 2018 , 8, 8069	4.9	40
68	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	10.2	39
67	Mucoadhesive polyacrylamide nanogel as a potential hydrophobic drug carrier for intravesical bladder cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 72, 57-68	5.1	38
66	Metabonomic profiling of bladder cancer. <i>Journal of Proteome Research</i> , 2015 , 14, 587-602	5.6	36
65	An International Collaborative Consensus Statement on En Bloc Resection of Bladder Tumour Incorporating Two Systematic Reviews, a Two-round Delphi Survey, and a Consensus Meeting. <i>European Urology</i> , 2020 , 78, 546-569	10.2	30
64	Thiol-ol Chemistry for Grafting of Natural Polymers to Form Highly Stable and Efficacious Antibacterial Coatings. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1847-1857	9.5	28
63	Prostate cancer. <i>Lancet, The</i> , 2021 , 398, 1075-1090	40	28
62	Management of prostate cancer in Asia: resource-stratified guidelines from the Asian Oncology Summit 2013. <i>Lancet Oncology, The</i> , 2013 , 14, e524-34	21.7	26
61	NRAMP1 and hGPX1 gene polymorphism and response to bacillus Calmette-Guérin therapy for bladder cancer. <i>European Urology</i> , 2011 , 59, 430-7	10.2	25
60	Prospective validation of %p2PSA and the Prostate Health Index, in prostate cancer detection in initial prostate biopsies of Asian men, with total PSA 4-10 ng ml ⁻¹ . <i>Asian Journal of Andrology</i> , 2017 , 19, 286-290	2.8	25
59	Clinical risk stratification in patients with surgically resectable micropapillary bladder cancer. <i>BJU International</i> , 2017 , 119, 684-691	5.6	24
58	Management of kidney cancer in Asia: resource-stratified guidelines from the Asian Oncology Summit 2012. <i>Lancet Oncology, The</i> , 2012 , 13, e482-91	21.7	24
57	Co-delivery of peptide-modified cisplatin and doxorubicin via mucoadhesive nanocapsules for potential synergistic intravesical chemotherapy of non-muscle-invasive bladder cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 84, 103-15	5.1	22
56	Management of patients with advanced prostate cancer in the Asia Pacific region: Seal-worldS consideration of results from the Advanced Prostate Cancer Consensus Conference (APCCC) 2017. <i>BJU International</i> , 2019 , 123, 22-34	5.6	20
55	Restriction of in vivo infection by antifouling coating on urinary catheter with controllable and sustained silver release: a proof of concept study. <i>BMC Infectious Diseases</i> , 2018 , 18, 370	4	19
54	Aspects of urinary tract infections and antimicrobial resistance in hospitalized urology patients in Asia: 10-Year results of the Global Prevalence Study of Infections in Urology (GPIU). <i>Journal of Infection and Chemotherapy</i> , 2018 , 24, 278-283	2.2	18
53	PRL3-zumab as an immunotherapy to inhibit tumors expressing PRL3 oncoprotein. <i>Nature Communications</i> , 2019 , 10, 2484	17.4	17

52	Urinary markers in screening patients with hematuria. <i>World Journal of Urology</i> , 2008 , 26, 25-30	4	15
51	Quantitative F-fluorocholine positron emission tomography for prostate cancer: correlation between kinetic parameters and Gleason scoring. <i>EJNMMI Research</i> , 2017 , 7, 25	3.6	13
50	Metabolic signatures of renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 460, 938-43	3.4	13
49	The use of short tandem repeat profiling to characterize human bladder cancer cell lines. <i>Journal of Urology</i> , 2009 , 181, 2737-48	2.5	13
48	Detection of Clinical Mesenchymal Cancer Cells from Bladder Wash Urine for Real-Time Detection and Prognosis. <i>Cancers</i> , 2019 , 11,	6.6	10
47	New therapies for non-muscle-invasive bladder cancer. <i>World Journal of Urology</i> , 2010 , 28, 71-8	4	10
46	Prostate cancer in Asia: design of a patient registry to inform real-world treatments, outcomes, and quality of life. <i>Prostate International</i> , 2019 , 7, 108-113	3.4	9
45	Post hoc analyses of East Asian patients from the randomized placebo-controlled PREVAIL trial of enzalutamide in patients with chemotherapy-naïve, metastatic castration-resistant prostate cancer. <i>Medicine (United States)</i> , 2017 , 96, e7223	1.8	9
44	United in Fight against prostate cancer (UFO) registry: first results from a large, multi-centre, prospective, longitudinal cohort study of advanced prostate cancer in Asia. <i>BJU International</i> , 2020 , 125, 541-552	5.6	9
43	Slow-, Tight-Binding Inhibition of CYP17A1 by Abiraterone Redefines Its Kinetic Selectivity and Dosing Regimen. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020 , 374, 438-451	4.7	7
42	Robotic kidney autotransplantation in a porcine model: a procedure-specific training platform for the simulation of robotic intracorporeal vascular anastomosis. <i>Journal of Robotic Surgery</i> , 2018 , 12, 693-698	2.9	7
41	Role of cytoreductive nephrectomy in renal cell carcinoma. <i>Future Oncology</i> , 2009 , 5, 859-69	3.6	7
40	Antegrade ureteral intussusception: a rare complication of percutaneous endopyelotomy. <i>Urology</i> , 2004 , 64, 1231.e12-14	1.6	7
39	A prospective international randomized phase II study evaluating the food effect on the pharmacokinetics (PK) and pharmacodynamics (PD) of abiraterone acetate (AA) in men with castration-resistant prostate cancer (CRPC).. <i>Journal of Clinical Oncology</i> , 2017 , 35, 176-176	2.2	7
38	Tryptophan-kynurenine ratio as a biomarker of bladder cancer. <i>BJU International</i> , 2021 , 127, 445-453	5.6	7
37	Asia prostate cancer study (A-CaP Study) launch symposium. <i>Prostate International</i> , 2016 , 4, 88-96	3.4	6
36	Report of the Second Asian Prostate Cancer (A-CaP) Study Meeting. <i>Prostate International</i> , 2017 , 5, 95-103	3.4	5
35	Potentiating anti-cancer chemotherapeutics and antimicrobials via sugar-mediated strategies. <i>Molecular Systems Design and Engineering</i> , 2020 , 5, 772-791	4.6	5

34	Evaluation of Multimodal Algorithms for the Segmentation of Multiparametric MRI Prostate Images. <i>Computational and Mathematical Methods in Medicine</i> , 2020 , 2020, 8861035	2.8	5
33	Comparison of metrics for the evaluation of medical segmentations using prostate MRI dataset. <i>Computers in Biology and Medicine</i> , 2021 , 134, 104497	7	5
32	Preserving Operational Capability While Building Capacity During the COVID-19 Pandemic: A Tertiary Urology Centre's Experience. <i>Urology</i> , 2020 , 142, 36-37	1.6	4
31	The Good, the Bad, and the Ugly of the COVID-19 Pandemic in a Urology Residency Program in Singapore. <i>Urology</i> , 2020 , 142, 244-245	1.6	4
30	The START (Surgical Triage And Resource Allocation Tool) of Surgical Prioritization During the COVID-19 Pandemic. <i>Urology</i> , 2020 , 142, 32-35	1.6	4
29	Report of the third Asian Prostate Cancer study meeting. <i>Prostate International</i> , 2019 , 7, 60-67	3.4	4
28	Review of clinical manifestations of biochemically-advanced prostate cancer cases. <i>Asian Journal of Surgery</i> , 2005 , 28, 202-6	1.6	4
27	Clinical studies investigating the use of leuprorelin for prostate cancer in Asia. <i>Prostate International</i> , 2020 , 8, 1-9	3.4	4
26	Impact of the COVID-19 Pandemic on the Urology Residency Match in Singapore. <i>Urology</i> , 2020 , 143, 272-273	1.6	3
25	Beyond diabetes mellitus: role of metformin in non-muscle invasive bladder cancer. <i>Singapore Medical Journal</i> , 2020 ,	1.9	3
24	The Role of Vitamin D Receptor Polymorphisms in Predicting the Response to Therapy for Nonmuscle Invasive Bladder Carcinoma. <i>Journal of Urology</i> , 2018 , 200, 737-742	2.5	2
23	Angiosarcoma of graft nephrectomy site: genetic profiling reveals recipient origin. <i>Histopathology</i> , 2012 , 60, 1158-60	7.3	2
22	Psychological health among surgical providers during the COVID-19 pandemic: a call to action. <i>British Journal of Surgery</i> , 2020 , 107, e459-e460	5.3	2
21	Wirelessly Activated Nanotherapeutics for In Vivo Programmable Photodynamic-Chemotherapy of Orthotopic Bladder Cancer.. <i>Advanced Science</i> , 2022 , e2200731	13.6	2
20	and gene therapy improves the response to BCG immunotherapy in a murine model of bladder cancer. <i>Future Oncology</i> , 2020 , 16, 1179-1188	3.6	1
19	Right Place, Right Time: Serendipitous Opportunities in a Urology Fellowship Disrupted by the COVID-19 Pandemic. <i>Urology</i> , 2020 , 143, 269	1.6	1
18	Receptor-Targeting Drug and Drug Carrier for Enhanced Killing Efficacy against Non-Muscle-Invasive Bladder Cancer.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3763-3773	4.1	1
17	A model of optimising the needle insertion through deflection studies. <i>International Journal of Biomedical Engineering and Technology</i> , 2014 , 16, 97	1.3	1

16	Comparing outcomes of transperineal to transrectal prostate biopsies performed under local anaesthesia.. <i>BJUI Compass</i> , 2022 , 3, 197-204	0.9	1
15	A Tubular Dual-Roller Bending Mechanism Toward Robotic Transurethral Prostate Biopsy. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 26, 2483-2494	5.5	1
14	Combination Bacillus Calmette-Guérin and indoleamine 2,3-dioxygenase 1 inhibitor therapy of murine orthotopic bladder cancer. <i>BJU International</i> , 2020 , 126, 554-556	5.6	1
13	Tailoring Soft Nanoparticles for Potential Application as Drug Carriers in Bladder Cancer Chemotherapy. <i>ACS Symposium Series</i> , 2016 , 167-195	0.4	1
12	Pre-Clinical Proof-of-Concept Study of a Bladder Irrigation Feedback System for Gross Haematuria in a Lab Setup. <i>Multimodal Technologies and Interaction</i> , 2020 , 4, 59	1.7	0
11	Transitioning to robotic partial nephrectomy with a team-based proctorship achieves the desired improved outcomes over open and laparoscopic partial nephrectomy. <i>Updates in Surgery</i> , 2021 , 73, 1189-1196	2.9	0
10	Predictive biomarkers of response to bacillus Calmette-Guérin immunotherapy and bacillus Calmette-Guérin failure for non-muscle invasive bladder cancer. <i>International Journal of Urology</i> ,	2.3	0
9	Re: Kristian D. Stensland, Todd M. Morgan, Alireza Moinzadeh, et al. Considerations in the Triage of Urologic Surgeries During the COVID-19 Pandemic. <i>Eur Urol</i> 2020;77:663-6: The Forgotten Urological Patient During the COVID-19 Pandemic: Patient Safety Safeguards. <i>European Urology</i> , 2020 , 78, e135-e136	10.2	
8	Clinical Aspects and Investigations in Genitourinary Cancer 2018 , 1-17		
7	Clinical Aspects and Investigations in Genitourinary Cancer 2019 , 19-36		
6	Tryptophan Metabolism and IDO/TDO Expression in Bladder Cancer: A Case-control Study in Singapore. <i>FASEB Journal</i> , 2018 , 32, 566.13	0.9	
5	Renal Cancer 2015 , 395-403		
4	Patent processus vaginalis as a conduit for tumoral seeding: a rare presentation of port site metastasis. <i>ANZ Journal of Surgery</i> , 2019 , 89, E216-E217	1	
3	Polymorphism in autophagy gene ATG2B is not associated with bladder cancer recurrence after intravesical Bacillus Calmette-Guérin (BCG) immunotherapy in Asian patients. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021 , 39, 238.e1-238.e7	2.8	
2	Cost-effectiveness of MRI targeted biopsy strategies for diagnosing prostate cancer in Singapore. <i>BMC Health Services Research</i> , 2021 , 21, 909	2.9	
1	ELIGANT: a Phase 4, interventional, safety study of leuprorelin acetate (ELIGARD) in Asian men with prostate cancer.. <i>Translational Andrology and Urology</i> , 2022 , 11, 179-189	2.3	