# Edmund Chiong

List of Publications by Year
in descending order



| 93 | 3,108 | 159358 30 | 168136 53 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 96 | 96 | 96 | 5321 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Molecular Profiling Reveals a Tumor-Promoting Phenotype of Monocytes and Macrophages in Human Cancer Progression. Immunity, 2014, 41, 815-829. | 6.6 | 240 |
| 2 | Prostate cancer. Lancet, The, 2021, 398, 1075-1090. | 6.3 | 240 |
| 3 | Noninvasive Urinary Metabonomic Diagnosis of Human Bladder Cancer. Journal of Proteome Research, 2010, 9, 2988-2995. | 1.8 | 172 |
| 4 | Surface Modification of Silicone for Biomedical Applications Requiring Long-Term Antibacterial, Antifouling, and Hemocompatible Properties. Langmuir, 2012, 28, 16408-16422. | 1.6 | 139 |
| 5 | Prospective International Randomized Phase II Study of Low-Dose Abiraterone With Food Versus Standard Dose Abiraterone In Castration-Resistant Prostate Cancer. Journal of Clinical Oncology, 2018, 36, 1389-1395. | 0.8 | 137 |
| 6 | Inhibition of escherichia coli and proteus mirabilis adhesion and biofilm formation on medical grade silicone surface. Biotechnology and Bioengineering, 2012, 109, 336-345. | 1.7 | 131 |
| 7 | Surface modification strategies for combating catheter-related complications: recent advances and challenges. Journal of Materials Chemistry B, 2017, 5, 2045-2067. | 2.9 | 108 |
| 8 | Functionalized Mesoporous Silica Nanoparticles with Mucoadhesive and Sustained Drug Release Properties for Potential Bladder Cancer Therapy. Langmuir, 2014, 30, 6151-6161. | 1.6 | 101 |
| 9 | Randomized controlled study of mechanical percussion, diuresis, and inversion therapy to assist passage of lower pole renal calculi after shock wave lithotripsy. Urology, 2005, 65, 1070-1074. | 0.5 | 95 |
| 10 | Antifouling coating with controllable and sustained silver release for longâ€term inhibition of infection and encrustation in urinary catheters. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 519-528. | 1.6 | 90 |
| 11 | Urinary Metabotyping of Bladder Cancer Using Two-Dimensional Gas Chromatography Time-of-Flight Mass Spectrometry. Journal of Proteome Research, 2013, 12, 3865-3873. | 1.8 | 88 |
| 12 | The incidence, mortality, and risk factors of prostate cancer in Asian men. Prostate International, 2019, 7, 1-8. | 1.2 | 86 |
| 13 | Polymeric Nanoparticles with Encapsulated Superparamagnetic Iron Oxide and Conjugated Cisplatin for Potential Bladder Cancer Therapy. Biomacromolecules, 2012, 13, 2513-2520. | 2.6 | 79 |
| 14 | 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. European Urology, 2020, 78, 546-569. | 0.9 | 77 |
| 15 | Extraction and quantification of biofilm bacteria: Method optimized for urinary catheters. Scientific Reports, 2018, 8, 8069. | 1.6 | 71 |
| 16 | Surface Modification of Silicone with Covalently Immobilized and Crosslinked Agarose for Potential Application in the Inhibition of Infection and Omental Wrapping. Advanced Functional Materials, 2014, 24, 1631-1643. | 7.8 | 65 |
| 17 | Port-site Hernias Occurring After the Use of Bladeless Radially Expanding Trocars. Urology, 2010, 75, 574-580. | 0.5 | 64 |
| 18 | Highly sensitive and specific novel biomarkers for the diagnosis of transitional bladder carcinoma. Oncotarget, 2015, 6, 13539-13549. | 0.8 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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. European Urology, 2019, 75, 558-561. | 0.9 | 64 |
| 20 | Effects of mTOR Inhibitor Everolimus (RAD001) on Bladder Cancer Cells. Clinical Cancer Research, 2011, 17, 2863-2873. | 3.2 | 57 |
| 21 | Machâ€“Zehnder interferometer (MZI) point-of-care system for rapid multiplexed detection of microRNAs in human urine specimens. Biosensors and Bioelectronics, 2015, 71, 365-372. | 5.3 | 55 |
| 22 | Predictive value of p53 and pRb expression in superficial bladder cancer patients treated with BCG and interferon-alpha. Cancer, 2007, 109, 1097-1105. | 2.0 | 53 |
| 23 | Mucoadhesive polyacrylamide nanogel as a potential hydrophobic drug carrier for intravesical bladder cancer therapy. European Journal of Pharmaceutical Sciences, 2015, 72, 57-68. | 1.9 | 49 |
| 24 | Thiol-ol Chemistry for Grafting of Natural Polymers to Form Highly Stable and Efficacious Antibacterial Coatings. ACS Applied Materials & Interfaces, 2017, 9, 1847-1857. | 4.0 | 44 |
| 25 | Management of prostate cancer in Asia: resource-stratified guidelines from the Asian Oncology Summit 2013. Lancet Oncology, The, 2013, 14, e524-e534. | 5.1 | 42 |
| 26 | Metabonomic Profiling of Bladder Cancer. Journal of Proteome Research, 2015, 14, 587-602. | 1.8 | 40 |
| 27 | Clinical risk stratification in patients with surgically resectable micropapillary bladder cancer. BJU International, 2017, 119, 684-691. | 1.3 | 36 |
| 28 | 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<sup>-1</sup>. Asian Journal of Andrology, 2017, 19, 286. | 0.8 | 36 |
| 29 | Management of patients with advanced prostate cancer in the Asia Pacific region: â€˜realâ€worldâ€™ consideration of results from the Advanced Prostate Cancer Consensus Conference <scp>(APCCC)</scp> 2017. BJU International, 2019, 123, 22-34. | 1.3 | 32 |
| 30 | Management of kidney cancer in Asia: resource-stratified guidelines from the Asian Oncology Summit 2012. Lancet Oncology, The, 2012, 13, e482-e491. | 5.1 | 30 |
| 31 | PRL3-zumab as an immunotherapy to inhibit tumors expressing PRL3 oncoprotein. Nature Communications, 2019, 10, 2484. | 5.8 | 30 |
| 32 | NRAMP1 and hGPX1 Gene Polymorphism and Response to Bacillus Calmette-GuÃ©rin Therapy for Bladder Cancer. European Urology, 2011, 59, 430-437. | 0.9 | 29 |
| 33 | Co-delivery of peptide-modified cisplatin and doxorubicin via mucoadhesive nanocapsules for potential synergistic intravesical chemotherapy of non-muscle-invasive bladder cancer. European Journal of Pharmaceutical Sciences, 2016, 84, 103-115. | 1.9 | 29 |
| 34 | 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). Journal of Infection and Chemotherapy, 2018, 24, 278-283. | 0.8 | 29 |
| 35 | Comparison of metrics for the evaluation of medical segmentations using prostate MRI dataset. Computers in Biology and Medicine, 2021, 134, 104497. | 3.9 | 29 |
| 36 | Restriction of in vivo infection by antifouling coating on urinary catheter with controllable and sustained silver release: a proof of concept study. BMC Infectious Diseases, 2018, 18, 370. | 1.3 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Tryptophanâ€“kynurenine ratio as a biomarker of bladder cancer. BJU International, 2021, 127, 445-453. | 1.3 | 19 |
| 38 | Quantitative 18F-fluorocholine positron emission tomography for prostate cancer: correlation between kinetic parameters and Gleason scoring. EJNMMI Research, 2017, 7, 25. | 1.1 | 17 |
| 39 | Urinary markers in screening patients with hematuria. World Journal of Urology, 2008, 26, 25-30. | 1.2 | 16 |
| 40 | Metabolic signatures of renal cell carcinoma. Biochemical and Biophysical Research Communications, 2015, 460, 938-943. | 1.0 | 16 |
| 41 | Slow-, Tight-Binding Inhibition of CYP17A1 by Abiraterone Redefines Its Kinetic Selectivity and Dosing Regimen. Journal of Pharmacology and Experimental Therapeutics, 2020, 374, 438-451. | 1.3 | 16 |
| 42 | The Use of Short Tandem Repeat Profiling to Characterize Human Bladder Cancer Cell Lines. Journal of Urology, 2009, 181, 2737-2748. | 0.2 | 14 |
| 43 | Detection of Clinical Mesenchymal Cancer Cells from Bladder Wash Urine for Real-Time Detection and Prognosis. Cancers, 2019, 11, 1274. | 1.7 | 14 |
| 44 | Post hoc analyses of East Asian patients from the randomized placebo-controlled PREVAIL trial of enzalutamide in patients with chemotherapy-naÃ¯ve, metastatic castration-resistant prostate cancer. Medicine (United States), 2017, 96, e7223. | 0.4 | 13 |
| 45 | Robotic kidney autotransplantation in a porcine model: a procedure-specific training platform for the simulation of robotic intracorporeal vascular anastomosis. Journal of Robotic Surgery, 2018, 12, 693-698. | 1.0 | 13 |
| 46 | 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. BJU International, 2020, 125, 541-552. | 1.3 | 12 |
| 47 | Potentiating anti-cancer chemotherapeutics and antimicrobials via sugar-mediated strategies. Molecular Systems Design and Engineering, 2020, 5, 772-791. | 1.7 | 12 |
| 48 | Wirelessly Activated Nanotherapeutics for In Vivo Programmable Photodynamicâ€Chemotherapy of Orthotopic Bladder Cancer. Advanced Science, 2022, 9, e2200731. | 5.6 | 12 |
| 49 | Role of cytoreductive nephrectomy in renal cell carcinoma. Future Oncology, 2009, 5, 859-869. | 1.1 | 11 |
| 50 | New therapies for non-muscle-invasive bladder cancer. World Journal of Urology, 2010, 28, 71-78. | 1.2 | 11 |
| 51 | Prostate cancer in Asia: design of a patient registry to inform real-world treatments, outcomes, and quality of life. Prostate International, 2019, 7, 108-113. | 1.2 | 11 |
| 52 | Evaluation of Multimodal Algorithms for the Segmentation of Multiparametric MRI Prostate Images. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-12. | 0.7 | 11 |
| 53 | Antegrade ureteral intussusception: A rare complication of percutaneous endopyelotomy. Urology, 2004, 64, 1231. | 0.5 | 9 |
| 54 | The Good, the Bad, and the Ugly of the COVID-19 Pandemic in a Urology Residency Program in Singapore. Urology, 2020, 142, 244-245. | 0.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Preserving Operational Capability While Building Capacity During the COVID-19 Pandemic: A Tertiary Urology Centre's Experience. Urology, 2020, 142, 36-37. | 0.5 | 8 |
| 56 | Asia prostate cancer study (A-CaP Study) launch symposium. Prostate International, 2016, 4, 88-96. | 1.2 | 7 |
| 57 | Report of the Second Asian Prostate Cancer (A-CaP) Study Meeting. Prostate International, 2017, 5, 95-103. | 1.2 | 7 |
| 58 | 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).. Journal of Clinical Oncology, 2017, 35, 176-176. | 0.8 | 7 |
| 59 | Clinical studies investigating the use of leuprorelin for prostate cancer in Asia. Prostate International, 2020, 8, 1-9. | 1.2 | 6 |
| 60 | Psychological health among surgical providers during the COVID-19 pandemic: a call to action. British Journal of Surgery, 2020, 107, e459-e460. | 0.1 | 6 |
| 61 | A Tubular Dual-Roller Bending Mechanism Toward Robotic Transurethral Prostate Biopsy. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2483-2494. | 3.7 | 6 |
| 62 | Beyond diabetes mellitus: role of metformin in non-muscle-invasive bladder cancer. Singapore Medical Journal, 2022, 63, 209-213. | 0.3 | 6 |
| 63 | Review of Clinical Manifestations of Biochemically-advanced Prostate Cancer Cases. Asian Journal of Surgery, 2005, 28, 202-206. | 0.2 | 5 |
| 64 | Managing advanced prostate cancer in the Asia Pacific region: â€œRealâ€worldâ€•application of Advanced Prostate Cancer Consensus Conference 2019 statements. Asia-Pacific Journal of Clinical Oncology, 2022, 18, 686-695. | 0.7 | 5 |
| 65 | Report of the third Asian Prostate CancerÂstudy meeting. Prostate International, 2019, 7, 60-67. | 1.2 | 4 |
| 66 | Impact of the COVID-19 Pandemic on the Urology Residency Match in Singapore. Urology, 2020, 143, 272-273. | 0.5 | 4 |
| 67 | The START (Surgical Triage And Resource Allocation Tool) of Surgical Prioritization During the COVID-19 Pandemic. Urology, 2020, 142, 32-35. | 0.5 | 4 |
| 68 | Comparing outcomes of transperineal to transrectal prostate biopsies performed under local anaesthesia. BJUI Compass, 2022, 3, 197-204. | 0.7 | 3 |
| 69 | Angiosarcoma of graft nephrectomy site: genetic profiling reveals recipient origin. Histopathology, 2012, 60, 1158-1160. | 1.6 | 2 |
| 70 | The Role of Vitamin D Receptor Polymorphisms in Predicting the Response to Therapy for Nonmuscle Invasive Bladder Carcinoma. Journal of Urology, 2018, 200, 737-742. | 0.2 | 2 |
| 71 | Receptor-Targeting Drug and Drug Carrier for Enhanced Killing Efficacy against Non-Muscle-Invasive Bladder Cancer. ACS Applied Bio Materials, 2019, 2, 3763-3773. | 2.3 | 2 |
| 72 | Pre-Clinical Proof-of-Concept Study of a Bladder Irrigation Feedback System for Gross Haematuria in a Lab Setup. Multimodal Technologies and Interaction, 2020, 4, 59. | 1.7 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Gmcsf and IfnÎ± gene therapy improves the response to BCG immunotherapy in a murine model of bladder cancer. Future Oncology, 2020, 16, 1179-1188. | 1.1 | 2 |
| 74 | Right Place, Right Time: Serendipitous Opportunities in a Urology Fellowship Disrupted by the COVID-19 Pandemic. Urology, 2020, 143, 269. | 0.5 | 2 |
| 75 | Intravesical High Dose BCG Tokyo and Low Dose BCG Tokyo with GMCSF+IFN Î± Induce Systemic Immunity in a Murine Orthotopic Bladder Cancer Model. Biomedicines, 2021, 9, 1766. | 1.4 | 2 |
| 76 | Predictive biomarkers of response to bacillus Calmetteâ€GuÃ©rin immunotherapy and bacillus Calmetteâ€GuÃ©rin failure for nonâ€muscle invasive bladder cancer. International Journal of Urology, 2022, 29, 807-815. | 0.5 | 2 |
| 77 | A model of optimising the needle insertion through deflection studies. International Journal of Biomedical Engineering and Technology, 2014, 16, 97. | 0.2 | 1 |
| 78 | Tailoring Soft Nanoparticles for Potential Application as Drug Carriers in Bladder Cancer Chemotherapy. ACS Symposium Series, 2016, , 167-195. | 0.5 | 1 |
| 79 | Patent processus vaginalis as a conduit for tumoral seeding: a rare presentation of port site metastasis. ANZ Journal of Surgery, 2019, 89, E216-E217. | 0.3 | 1 |
| 80 | Combination Bacillus Calmetteâ€“GuÃ©rin and indoleamine 2,3â€dioxygenase 1 inhibitor therapy of murine orthotopic bladder cancer. BJU International, 2020, 126, 554-556. | 1.3 | 1 |
| 81 | Can artificial intelligence optimize case selection for hemiâ€gland ablation?. BJU International, 2020, 125, 333-334. | 1.3 | 1 |
| 82 | Transitioning to robotic partial nephrectomy with a team-based proctorship achieves the desired improved outcomes over open and laparoscopic partial nephrectomy. Updates in Surgery, 2021, 73, 1189-1196. | 0.9 | 1 |
| 83 | Clinical Aspects and Investigations in Genitourinary Cancer. , 2018, , 1-17. | | 0 |
| 84 | Clinical Aspects and Investigations in Genitourinary Cancer. , 2019, , 19-36. | | 0 |
| 85 | Editorial Comment to DDD score for renal tumor: An intuitive and comprehensive anatomical scoring system to access the outcomes of retroperitoneal laparoscopic partial nephrectomy. International Journal of Urology, 2019, 26, 456-457. | 0.5 | 0 |
| 86 | Re: Kristian D. Stensland, Todd M. Morgan, Alireza Moinzadeh, et al. Considerations in the Triage of Urologic Surgeries During the COVID-19 Pandemic. Eur Urol 2020;77:663â€“6. European Urology, 2020, 78, e135-e136. | 0.9 | 0 |
| 87 | Polymorphism in autophagy gene ATG2B is not associated with bladder cancer recurrence after intravesical Bacillus Calmette-Guerin (BCG) immunotherapy in Asian patients. Urologic Oncology: Seminars and Original Investigations, 2021, 39, 238.e1-238.e7. | 0.8 | 0 |
| 88 | Cost-effectiveness of MRI targeted biopsy strategies for diagnosing prostate cancer in Singapore. BMC Health Services Research, 2021, 21, 909. | 0.9 | 0 |
| 89 | Renal Cancer. , 2015, , 395-403. | | 0 |
| 90 | Tryptophan Metabolism and IDO/TDO Expression in Bladder Cancer: A Caseâ€control Study in Singapore. FASEB Journal, 2018, 32, 566.13. | 0.2 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | ELIGANT: a Phase 4, interventional, safety study of leuprorelin acetate (ELIGARDÂ®) in Asian men with prostate cancer. Translational Andrology and Urology, 2022, 11, 179-189. | 0.6 | 0 |
| 92 | Editorial Comment to Safety and efficacy of apalutamide in Japanese patients with metastatic castrationâ€sensitive prostate cancer receiving androgen deprivation therapy: Final report for the Japanese subpopulation analysis of the randomized, placeboâ€controlled, phase III TITAN study. International Journal of Urology, 2022, 29, 541-541. | 0.5 | 0 |
| 93 | Utility of serum biomarkers for predicting cancer in patients with previous negative prostate biopsy. World Journal of Urology, 0, , . | 1.2 | 0 |