

Wouter Everaerts

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

4,008
citations

185998

28
h-index

123241

61
g-index

118
all docs

118
docs citations

118
times ranked

5175
citing authors

#	ARTICLE	IF	CITATIONS
1	TRPA1 acts as a cold sensor in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1273-1278.	3.3	503
2	Inhibition of the cation channel TRPV4 improves bladder function in mice and rats with cyclophosphamide-induced cystitis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19084-19089.	3.3	351
3	The vanilloid transient receptor potential channel TRPV4: From structure to disease. Progress in Biophysics and Molecular Biology, 2010, 103, 2-17.	1.4	295
4	Deletion of the transient receptor potential cation channel TRPV4 impairs murine bladder voiding. Journal of Clinical Investigation, 2007, 117, 3453-3462.	3.9	283
5	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. Cancer Cell, 2020, 37, 21-36.e13.	7.7	253
6	Nicotine activates the chemosensory cation channel TRPA1. Nature Neuroscience, 2009, 12, 1293-1299.	7.1	214
7	The Capsaicin Receptor TRPV1 Is a Crucial Mediator of the Noxious Effects of Mustard Oil. Current Biology, 2011, 21, 316-321.	1.8	189
8	Preservation of the Neurovascular Bundles Is Associated with Improved Time to Continence After Radical Prostatectomy But Not Long-term Continence Rates: Results of a Systematic Review and Meta-analysis. European Urology, 2015, 68, 692-704.	0.9	144
9	Functional characterization of transient receptor potential channels in mouse urothelial cells. American Journal of Physiology - Renal Physiology, 2010, 298, F692-F701.	1.3	135
10	On the origin of bladder sensing: Tr(i)ps in urology. Neurourology and Urodynamics, 2008, 27, 264-273.	0.8	117
11	Identifying the Optimal Candidate for Salvage Lymph Node Dissection for Nodal Recurrence of Prostate Cancer: Results from a Large, Multi-institutional Analysis. European Urology, 2019, 75, 176-183.	0.9	101
12	Long-Term Results of Laparoscopic Roux-en-Y Gastric Bypass: Evaluation After 9 Years. Obesity Surgery, 2012, 22, 1586-1593.	1.1	87
13	Where is TRPV1 expressed in the bladder, do we see the real channel?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 421-425.	1.4	80
14	Mechanisms of Transient Receptor Potential Vanilloid 1 Activation and Sensitization by Allyl Isothiocyanate. Molecular Pharmacology, 2013, 84, 325-334.	1.0	77
15	Characterization of upper lamina propria interstitial cells in bladders from patients with neurogenic detrusor overactivity and bladder pain syndrome. Journal of Cellular and Molecular Medicine, 2011, 15, 2586-2593.	1.6	60
16	Novel Insights into the Management of Oligometastatic Prostate Cancer: A Comprehensive Review. European Urology Oncology, 2019, 2, 174-188.	2.6	58
17	Essential Role of Transient Receptor Potential M8 (TRPM8) in a Model of Acute Cold-induced Urinary Urgency. European Urology, 2015, 68, 655-661.	0.9	45
18	Evaluation of manganese uptake and toxicity in mouse brain during continuous MnCl ₂ administration using osmotic pumps. Contrast Media and Molecular Imaging, 2012, 7, 426-434.	0.4	44

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19	Fibrous dysplasia mimicking bone metastasis on 68GA-PSMA PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1607-1608.	3.3	43
20	Intravesical Activation of the Cation Channel TRPV4 Improves Bladder Function in a Rat Model for Detrusor Underactivity. <i>European Urology</i> , 2018, 74, 336-345.	0.9	42
21	Oligometastatic prostate cancer: The game is afoot. <i>Cancer Treatment Reviews</i> , 2019, 73, 84-90.	3.4	41
22	Progression-directed Therapy for Oligoprogression in Castration-refractory Prostate Cancer. <i>European Urology Oncology</i> , 2021, 4, 305-309.	2.6	40
23	Neoadjuvant hormonal therapy before radical prostatectomy in high-risk prostate cancer. <i>Nature Reviews Urology</i> , 2021, 18, 739-762.	1.9	38
24	The urologist's role in multidisciplinary management of placenta percreta. <i>BJU International</i> , 2016, 117, 961-965.	1.3	34
25	Transient receptor potential channels in sensory mechanisms of the lower urinary tract. <i>Nature Reviews Urology</i> , 2021, 18, 139-159.	1.9	34
26	Transient receptor potential channel modulators as pharmacological treatments for lower urinary tract symptoms (<scp>LUTS</scp>): myth or reality?. <i>BJU International</i> , 2015, 115, 686-697.	1.3	31
27	The Use of Cystometry in Small Rodents: A Study of Bladder Chemosensation. <i>Journal of Visualized Experiments</i> , 2012, , e3869.	0.2	30
28	Laparoscopy training in Belgium: results from a nationwide survey, in urology, gynecology, and general surgery residents. <i>Advances in Medical Education and Practice</i> , 2015, 6, 55.	0.7	26
29	The survival impact of neoadjuvant hormonal therapy before radical prostatectomy for treatment of high-risk prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2017, 20, 407-412.	2.0	23
30	Impact of neoadjuvant chemotherapy on short-term complications and survival following radical cystectomy. <i>World Journal of Urology</i> , 2019, 37, 1857-1866.	1.2	23
31	Cancer Surveillance in Healthy Carriers of Germline Pathogenic Variants in <i>BRCA1/2</i> : A Review of Secondary Prevention Guidelines. <i>Journal of Oncology</i> , 2020, 2020, 1-13.	0.6	20
32	The Multicenter, Randomized, Phase 2 PEACE V-STORM Trial: Defining the Best Salvage Treatment for Oligorecurrent Nodal Prostate Cancer Metastases. <i>European Urology Focus</i> , 2021, 7, 241-244.	1.6	20
33	Impact of Lymph Node Burden on Survival of High-risk Prostate Cancer Patients Following Radical Prostatectomy and Pelvic Lymph Node Dissection. <i>Frontiers in Surgery</i> , 2016, 3, 65.	0.6	19
34	Validation of the Decipher Test for Predicting Distant Metastatic Recurrence in Men with High-risk Nonmetastatic Prostate Cancer 10 Years After Surgery. <i>European Urology Oncology</i> , 2019, 2, 589-596.	2.6	19
35	Impact of Magnetic Resonance Imaging on Prostate Cancer Staging and European Association of Urology Risk Classification. <i>Urology</i> , 2019, 130, 113-119.	0.5	19
36	Metastasectomy for visceral and skeletal oligorecurrent prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 1543-1549.	1.2	19

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37	Oncological Outcomes of Metastasis-Directed Therapy in Oligorecurrent Prostate Cancer Patients Following Radical Prostatectomy. <i>Cancers</i> , 2020, 12, 2271.	1.7	18
38	The stem cell growth factor receptor <scp>KIT</scp> is not expressed on interstitial cells in bladder. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1206-1216.	1.6	17
39	The EMPaCT Classifier: A Validated Tool to Predict Postoperative Prostate Cancer-related Death Using Competing-risk Analysis. <i>European Urology Focus</i> , 2018, 4, 369-375.	1.6	17
40	Neoadjuvant degarelix with or without apalutamide followed by radical prostatectomy for intermediate and high-risk prostate cancer: ARNEO, a randomized, double blind, placebo-controlled trial. <i>BMC Cancer</i> , 2018, 18, 354.	1.1	16
41	Salvage high-intensity focused ultrasound versus salvage radical prostatectomy for radiation-recurrent prostate cancer: a comparative study of oncological, functional, and toxicity outcomes. <i>World Journal of Urology</i> , 2019, 37, 1507-1515.	1.2	16
42	Comparison of postoperative complications of ileal conduits versus orthotopic neobladders. <i>Translational Andrology and Urology</i> , 2020, 9, 2541-2554.	0.6	15
43	Administration of imatinib mesylate in rats impairs the neonatal development of intramuscular interstitial cells in bladder and results in altered contractile properties. <i>Neurourology and Urodynamics</i> , 2014, 33, 461-468.	0.8	13
44	Radical treatment of localised prostate cancer in the elderly. <i>BJU International</i> , 2015, 116, 847-852.	1.3	13
45	Functional and molecular characterisation of the bilateral pelvic nerve crush injury rat model for neurogenic detrusor underactivity. <i>BJU International</i> , 2019, 123, E86-E96.	1.3	13
46	A novel tool to predict functional outcomes after robotâ€ assisted radical prostatectomy and the value of additional surgery for incontinence. <i>BJU International</i> , 2021, 127, 575-584.	1.3	13
47	Parameters predicting [18F]PSMA-1007 scan positivity and type and number of detected lesions in patients with biochemical recurrence of prostate cancer. <i>EJNMMI Research</i> , 2021, 11, 41.	1.1	12
48	Benefits of Elective Para-Aortic Radiotherapy for pN1 Prostate Cancer Using Arc Therapy (Intensity-Modulated or Volumetric Modulated Arc Therapy): Protocol for a Nonrandomized Phase II Trial. <i>JMIR Research Protocols</i> , 2018, 7, e11256.	0.5	12
49	TRPM3 Is Expressed in Afferent Bladder Neurons and Is Upregulated during Bladder Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 107.	1.8	12
50	Open and robotic radical prostatectomy. <i>Asian Journal of Urology</i> , 2019, 6, 125-128.	0.5	11
51	Preoperative Risk-Stratification of High-Risk Prostate Cancer: A Multicenter Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 246.	1.3	11
52	Current role of robotic bladder cancer surgery. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2019, 71, 301-308.	3.9	11
53	The N-shaped orthotopic ileal neobladder: functional outcomes and complication rates in 119 patients. <i>SpringerPlus</i> , 2016, 5, 646.	1.2	10
54	Development and External Validation of a Multiparametric Magnetic Resonance Imaging and International Society of Urological Pathology Based Add-On Prediction Tool to Identify Prostate Cancer Candidates for Pelvic Lymph Node Dissection. <i>Journal of Urology</i> , 2020, 203, 713-718.	0.2	10

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55	Stimulation of the Neurovascular Bundle Results in Rhabdosphincter Contraction in a Proportion of Men Undergoing Radical Prostatectomy. <i>Urology</i> , 2016, 87, 133-139.	0.5	9
56	Developing and evaluating Robocare; an innovative, nurse-led robotic prostatectomy care pathway. <i>European Journal of Oncology Nursing</i> , 2016, 21, 120-125.	0.9	9
57	Comparison of Functional Outcome after Extended versus Super-Extended Pelvic Lymph Node Dissection during Radical Prostatectomy in High-Risk Localized Prostate Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 280.	1.3	9
58	Development and External Validation of Nomograms To Predict Adverse Pathological Characteristics After Robotic Prostatectomy: Results of a Prospective, Multi-institutional, Nationwide series. <i>European Urology Oncology</i> , 2018, 1, 338-345.	2.6	9
59	TRPV4 Mediates Acute Bladder Responses to Bacterial Lipopolysaccharides. <i>Frontiers in Immunology</i> , 2020, 11, 799.	2.2	9
60	Tumor Volume and Clinical Failure in High-Risk Prostate Cancer Patients Treated With Radical Prostatectomy. <i>Prostate</i> , 2017, 77, 3-9.	1.2	8
61	Comparative study of the organisation and phenotypes of bladder interstitial cells in human, mouse and rat. <i>Cell and Tissue Research</i> , 2017, 370, 403-416.	1.5	8
62	Supportive care needs and utilization of bladder cancer patients undergoing radical cystectomy: A longitudinal study. <i>Psycho-Oncology</i> , 2022, 31, 219-226.	1.0	8
63	The Loss and Progressive Recovery of Voiding after Spinal Cord Interruption in Rats is Associated with Simultaneous Changes in Autonomous Contractile Bladder Activity. <i>European Urology</i> , 2009, 56, 168-176.	0.9	7
64	Unravelling the underactive bladder: a role for TRPV4?. <i>BJU International</i> , 2013, 111, 353-354.	1.3	7
65	Evaluation of conservative approach in the management of ureteroenteric strictures following radical cystectomy with Bricker ileal conduit: a single-center experience. <i>Scandinavian Journal of Urology</i> , 2016, 50, 439-444.	0.6	7
66	Characterization of voiding function and structural bladder changes in a rat model of neurogenic underactive bladder disease. <i>Neurourology and Urodynamics</i> , 2018, 37, 1594-1604.	0.8	7
67	Comparison of Peri-operative and Early Oncological Outcomes of Robot-Assisted vs. Open Salvage Lymph Node Dissection in Recurrent Prostate Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 781.	1.3	7
68	Incidental Detection of Occult Thyroid Carcinoma with 11C-Choline PET/CT for High Risk Prostate Cancer. <i>Current Urology</i> , 2017, 10, 217-220.	0.4	6
69	Validation of an Improved Patient-Specific Mold Design for Registration of In-vivo MRI and Histology of the Prostate. <i>Lecture Notes in Computer Science</i> , 2016, , 36-43.	1.0	6
70	Early experience and operative technique of robotic-assisted partial nephrectomy. <i>ANZ Journal of Surgery</i> , 2015, 85, 529-534.	0.3	5
71	Development and external validation of a nomogram to predict lymph node invasion after robot assisted radical prostatectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 37.e11-37.e20.	0.8	5
72	Site-specific relapse patterns of patients with biochemical recurrence following radical prostatectomy assessed by 68Ga-PSMA-11 PET/CT or 11C-Choline PET/CT: impact of postoperative treatments. <i>World Journal of Urology</i> , 2021, 39, 399-406.	1.2	4

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73	X-ray videocystometry for high-speed monitoring of urinary tract function in mice. <i>Science Advances</i> , 2021, 7, .	4.7	4
74	Current and emerging therapies for localized high-risk prostate cancer. <i>Expert Review of Anticancer Therapy</i> , 2021, 21, 267-282.	1.1	3
75	63 TRPV4 IS LOCALISED ON UROTHELIUM: DOES IT PLAY A ROLE IN AFFERENT BLADDER SIGNALLING?. <i>European Urology Supplements</i> , 2007, 6, 38.	0.1	2
76	The "Big Data"™ challenge: amplify your content using video and maximise your impact. <i>BJU International</i> , 2014, 113, 843-843.	1.3	2
77	The Surgical Anatomy of the Prostate. , 2016, , 253-263.		2
78	<sc>TRPM</sc>8 antagonists to treat lower urinary tract symptoms: don't lose your cool just yet. <i>BJU International</i> , 2016, 117, 384-385.	1.3	2
79	Topographies and isoforms of the progesterone receptor in female human, rat and mouse bladder. <i>Cell and Tissue Research</i> , 2016, 364, 385-394.	1.5	2
80	Maturation of stretch-induced contractile activity and its muscarinic regulation in isolated whole bladder strips from rat. <i>Neurourology and Urodynamics</i> , 2010, 29, 789-796.	0.8	1
81	Molecular Determinants of TRPV1 Stimulation by Mustard Oil. <i>Biophysical Journal</i> , 2011, 100, 108a.	0.2	1
82	TRiPping down the oesophagus. <i>Journal of Physiology</i> , 2011, 589, 3415-3416.	1.3	1
83	31 THE ROLE OF TRPA1 IN THE BLADDER COOLING REFLEX; A POSSIBLE NEW THERAPEUTIC TARGET. <i>Journal of Urology</i> , 2013, 189, .	0.2	1
84	Four-defect repair in women with symptomatic anterior compartment prolapse: a large cohort study. <i>International Urogynecology Journal</i> , 2014, 25, 1243-1250.	0.7	1
85	TRPV1 Contributes to Acrolein-Induced Toxicity. <i>Biophysical Journal</i> , 2017, 112, 410a.	0.2	1
86	Variation in adjuvant and early salvage radiotherapy after robot-assisted radical prostatectomy for prostate cancer: a population-based cohort study. <i>Acta Oncol</i> , 2020, 59, 904-910.	0.8	1
87	The key role of levator ani thickness for early urinary continence recovery in patients undergoing robot-assisted radical prostatectomy: A multi-institutional study. <i>Neurourology and Urodynamics</i> , 2022, 41, 1563-1572.	0.8	1
88	820 THE FUNCTIONAL ROLE OF TRPA1 AS A POLYMODAL SENSOR IN THE URINARY BLADDER. <i>European Urology Supplements</i> , 2011, 10, 259-260.	0.1	0
89	Re: Ferdinando Fusco, Roberta d'Emmanuele di Villa Bianca, Emma Mitidieri, et al. Sildenafil Effect on the Human Bladder Involves the L-cysteine/Hydrogen Sulfide Pathway: A Novel Mechanism of Action of Phosphodiesterase Type 5 Inhibitors. <i>Eur Urol</i> 2012;62:1174-80. <i>European Urology</i> , 2013, 63, e57-e58.	0.9	0
90	PD7-07 A NOVEL TARGET FOR UNDERACTIVE BLADDER DISEASE: TRPV4 CATION CHANNEL ACTIVATION IMPROVES BLADDER FUNCTION IN A RAT MODEL FOR DETRUSOR UNDERACTIVITY. <i>Journal of Urology</i> , 2015, 193, .	0.2	0

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91	MP69-06 THE ROLE OF EXTENDED OR SUPER-EXTENDED LYMPH NODE DISSECTION FOR STAGING OF HIGH-RISK PROSTATE CANCER. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
92	MP60-19 MUSCARINIC INDUCED BLADDER CONTRACTILITY IS ALTERED IN AN ANIMAL MODEL FOR NEUROGENIC DETRUSOR UNDERACTIVITY. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
93	PD48-07 COMPARISON OF PERCLUTANEOUS RADIOFREQUENCY ABLATION AND PARTIAL NEPHRECTOMY FOR TREATING T1A RCC IN SOLITARY KIDNEY PATIENTS. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
94	International Trends in Prostate Cancer. , 2016, , 127-132.		0
95	PD37-11 FUNCTIONAL OUTCOMES AFTER EXTENDED VS. SUPER-EXTENDED PELVIC LYMPH NODE DISSECTION FOR INTERMEDIATE AND HIGH-RISK LOCALIZED PROSTATE CANCER.. <i>Journal of Urology</i> , 2016, 195, .	0.2	0
96	MP77-01 11C-CHOLINE VERSUS 68GA-PSMA PET/CT SCAN FOR THE DETECTION OF NODAL RECURRENCE FROM PROSTATE CANCER: RESULTS FROM A LARGE, MULTI-INSTITUTIONAL SALVAGE LYMPH NODE DISSECTION SERIES. <i>Journal of Urology</i> , 2017, 197, .	0.2	0
97	MP46-01 IS THE ICIQ-SF QUESTIONNAIRE RELIABLE IN A REAL-LIFE SETTING? RESULTS OF A PROSPECTIVE SINGLE-CENTER STUDY. <i>Journal of Urology</i> , 2017, 197, .	0.2	0
98	MP82-16 BLADDER SMOOTH MUSCLE CONTRACTILITY IS INHIBITED BY HC030031 INDEPENDENTLY OF TRPA1. <i>Journal of Urology</i> , 2017, 197, .	0.2	0
99	MP26-10 NEUROGENIC DETRUSOR UNDERACTIVITY: SHOULD WE TARGET THE BLADDER?. <i>Journal of Urology</i> , 2017, 197, .	0.2	0
100	A phase II randomized, open-label study comparing salvage radiotherapy in combination with 6 months of androgen-deprivation therapy with LHRH agonist or antagonist versus anti-androgen therapy with apalutamide in patients with biochemical progression after radical prostatectomy. <i>Annals of Oncology</i> , 2019, 30, v355.	0.6	0
101	OC-0160 When PI-RADS and ISUP meet each other: identification of candidates for pelvic lymph node dissection. <i>Radiotherapy and Oncology</i> , 2019, 133, S77-S78.	0.3	0
102	EP-1552 Impact of MRI on prostate cancer risk classification: game changer for therapeutic decision making?. <i>Radiotherapy and Oncology</i> , 2019, 133, S838.	0.3	0
103	Longitudinal Follow-Up of Urinary Tract Infections and Their Treatment in Mice using Bioluminescence Imaging. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
104	Radium-223 in patients with prostate specific antigen (PSA) progression and without clinical metastases following maximal local therapy: A pilot study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 40, 7.e9-7.e17.	0.8	0
105	Nuclear Medicine (Bone Scan, Choline and PSMA PET/CT). , 2017, , 127-141.		0
106	Chemoprevention. , 2017, , 29-41.		0
107	Nine-year survival after iterative metastasectomies for renal cell carcinoma. <i>Urology Annals</i> , 2019, 11, 219.	0.3	0
108	MP54-03 PREDICTIVE FACTORS OF POSTOPERATIVE QUALITY OF LIFE, ERECTILE FUNCTION AND CONTINENCE AFTER ROBOT-ASSISTED RADICAL PROSTATECTOMY: A MULTICENTRE STUDY. <i>Journal of Urology</i> , 2019, 201, .	0.2	0

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109	Re: Andrea Mari, Riccardo Tellini, Francesco Porpiglia, et al. Perioperative and Mid-term Oncological and Functional Outcomes After Partial Nephrectomy for Complex (PADUA Score ≥ 10) Renal Tumors: A Prospective Multicenter Observational Study (the RECORD2 Project). <i>Eur Urol Focus</i> . In press. https://doi.org/10.1016/j.euf.2020.07.004 . <i>European Urology Focus</i> , 2021, 7, 1210-1211.	1.6	0
110	Focal Salvage Therapy for Prostate Cancer Recurrence After Primary Radiotherapy. , 2021, , 161-180.		0