

# Matteo Manfredi

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,282  
citations

218662

26  
h-index

254170

43  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomised Controlled Trial Comparing Laparoscopic and Robot-assisted Radical Prostatectomy. <i>European Urology</i> , 2013, 63, 606-614.	1.9	173
2	Diagnostic Pathway with Multiparametric Magnetic Resonance Imaging Versus Standard Pathway: Results from a Randomized Prospective Study in Biopsy-naïve Patients with Suspected Prostate Cancer. <i>European Urology</i> , 2017, 72, 282-288.	1.9	168
3	Three-dimensional Augmented Reality Robot-assisted Partial Nephrectomy in Case of Complex Tumours (PADUA ≥10): A New Intraoperative Tool Overcoming the Ultrasound Guidance. <i>European Urology</i> , 2020, 78, 229-238.	1.9	117
4	Retzius-sparing robot-assisted radical prostatectomy vs the standard approach: a systematic review and analysis of comparative outcomes. <i>BJU International</i> , 2020, 125, 8-16.	2.5	106
5	Total Anatomical Reconstruction During Robot-assisted Radical Prostatectomy: Implications on Early Recovery of Urinary Continence. <i>European Urology</i> , 2016, 69, 485-495.	1.9	92
6	Three-dimensional Elastic Augmented-reality Robot-assisted Radical Prostatectomy Using Hyperaccuracy Three-dimensional Reconstruction Technology: A Step Further in the Identification of Capsular Involvement. <i>European Urology</i> , 2019, 76, 505-514.	1.9	82
7	Three-dimensional virtual imaging of renal tumours: a new tool to improve the accuracy of nephrometry scores. <i>BJU International</i> , 2019, 124, 945-954.	2.5	73
8	The Roles of Multiparametric Magnetic Resonance Imaging, PCA3 and Prostate Health Index—Which is the Best Predictor of Prostate Cancer after a Negative Biopsy?. <i>Journal of Urology</i> , 2014, 192, 60-66.	0.4	68
9	Current Use of Three-dimensional Model Technology in Urology: A Road Map for Personalised Surgical Planning. <i>European Urology Focus</i> , 2018, 4, 652-656.	3.1	65
10	Artificial Intelligence and Machine Learning in Prostate Cancer Patient Management—Current Trends and Future Perspectives. <i>Diagnostics</i> , 2021, 11, 354.	2.6	64
11	Detection of prostate cancer index lesions with multiparametric magnetic resonance imaging (mpMRI) using whole-mount histological sections as the reference standard. <i>BJU International</i> , 2016, 118, 84-94.	2.5	63
12	Five-year Outcomes for a Prospective Randomised Controlled Trial Comparing Laparoscopic and Robot-assisted Radical Prostatectomy. <i>European Urology Focus</i> , 2018, 4, 80-86.	3.1	62
13	A debate on laparoscopic versus open adrenalectomy for adrenocortical carcinoma. <i>Hormones and Cancer</i> , 2011, 2, 372-377.	4.9	55
14	Multiparametric Magnetic Resonance/Ultrasound Fusion Prostate Biopsy: Number and Spatial Distribution of Cores for Better Index Tumor Detection and Characterization. <i>Journal of Urology</i> , 2017, 198, 58-64.	0.4	52
15	3D mixed reality holograms for preoperative surgical planning of nephron-sparing surgery: evaluation of surgeons' perception. <i>Minerva Urology and Nephrology</i> , 2021, 73, 367-375.	2.5	45
16	3D imaging applications for robotic urologic surgery: an ESUT YAUWP review. <i>World Journal of Urology</i> , 2020, 38, 869-881.	2.2	43
17	Multiparametric-Magnetic Resonance/Ultrasound Fusion Targeted Prostate Biopsy Improves Agreement Between Biopsy and Radical Prostatectomy Gleason Score. <i>Anticancer Research</i> , 2016, 36, 4833-4840.	1.1	42
18	Total anatomical reconstruction during robot-assisted radical prostatectomy: focus on urinary continence recovery and related complications after 1000 procedures. <i>BJU International</i> , 2019, 124, 477-486.	2.5	40

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19	Neutrophil percentage-to-albumin ratio predicts mortality in bladder cancer patients treated with neoadjuvant chemotherapy followed by radical cystectomy. <i>Future Science OA</i> , 2021, 7, FSO709.	1.9	40
20	Inâ€parallel comparative evaluation between multiparametric magnetic resonance imaging, prostate cancer antigen 3 and the prostate health index in predicting pathologically confirmed significant prostate cancer in men eligible for active surveillance. <i>BJU International</i> , 2016, 118, 527-534.	2.5	37
21	3D imaging technologies in minimally invasive kidney and prostate cancer surgery: which is the urologists' perception?. <i>Minerva Urology and Nephrology</i> , 2022, 74, .	2.5	35
22	The importance of anatomical reconstruction for continence recovery after robot assisted radical prostatectomy: a systematic review and pooled analysis from referral centers. <i>Minerva Urology and Nephrology</i> , 2021, 73, 165-177.	2.5	34
23	New Ultra-minimally Invasive Surgical Treatment for Benign Prostatic Hyperplasia: A Systematic Review and Analysis of Comparative Outcomes. <i>European Urology Open Science</i> , 2021, 33, 28-41.	0.4	34
24	First- and Second-Generation Temporary Implantable Nitinol Devices As Minimally Invasive Treatments for BPH-Related LUTS: Systematic Review of the Literature. <i>Current Urology Reports</i> , 2019, 20, 47.	2.2	31
25	Indocyanine Green Drives Computer Vision Based 3D Augmented Reality Robot Assisted Partial Nephrectomy: The Beginning of â€œAutomaticâ€Overlapping Era. <i>Urology</i> , 2022, 164, e312-e316.	1.0	30
26	Comparison between minimally-invasive partial and radical nephrectomy for the treatment of clinical T2 renal masses: results of a 10-year study in a tertiary care center. <i>Minerva Urology and Nephrology</i> , 2021, 73, 509-517.	2.5	29
27	Singleâ€port robotâ€assisted radical prostatectomy: a systematic review and pooled analysis of the preliminary experiences. <i>BJU International</i> , 2020, 126, 55-64.	2.5	27
28	Percutaneous Kidney Puncture with Three-dimensional Mixed-reality Hologram Guidance: From Preoperative Planning to Intraoperative Navigation. <i>European Urology</i> , 2022, 81, 588-597.	1.9	26
29	High prostate cancer gene 3 (<sc>PCA</sc>3) scores are associated with elevated Prostate Imaging Reporting and Data System (<sc>PI</sc>â€<sc>RADS</sc>) grade and biopsy Gleason score, at magnetic resonance imaging/ultrasonography fusion softwareâ€based targeted prostate biopsy after a previous negative standard biopsy. <i>BJU International</i> , 2016, 118, 723-730.	2.5	25
30	The emerging landscape of tumor marker panels for the identification of aggressive prostate cancer: the perspective through bibliometric analysis of an Italian translational working group in uro-oncology. <i>Minerva Urology and Nephrology</i> , 2021, 73, 442-451.	2.5	23
31	The Impact of SARS-CoV-2 Pandemic on Time to Primary, Secondary Resection and Adjuvant Intravesical Therapy in Patients with High-Risk Non-Muscle Invasive Bladder Cancer: A Retrospective Multi-Institutional Cohort Analysis. <i>Cancers</i> , 2021, 13, 5276.	3.7	21
32	Multiparametric prostate MRI: technical conduct, standardized report and clinical use. <i>Minerva Urology and Nephrology</i> , 2018, 70, 9-21.	2.5	20
33	Chitosan membranes applied on the prostatic neurovascular bundles after nerveâ€sparing robotâ€assisted radical prostatectomy: a phase <sc>II</sc> study. <i>BJU International</i> , 2018, 121, 472-478.	2.5	19
34	Urethral-sparing Robot-assisted Simple Prostatectomy: An Innovative Technique to Preserve Ejaculatory Function Overcoming the Limitation of the Standard Millin Approach. <i>European Urology</i> , 2021, 80, 222-233.	1.9	19
35	Risk of Gleason Score 3+4=7 prostate cancer upgrading at radical prostatectomy is significantly reduced by targeted versus standard biopsy. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2020, 72, 360-368.	3.9	17
36	All you need to know about "Aquablation" procedure for treatment of benign prostatic obstruction. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2020, 72, 152-161.	3.9	17

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37	Pure Mini-laparoscopic Transperitoneal Pyeloplasty in an Adult Population: Feasibility, Safety, and Functional Results After One Year of Follow-up. <i>Urology</i> , 2012, 79, 728-732.	1.0	16
38	Novel Gastrin-Releasing Peptide Receptor Targeted Near-Infrared Fluorescence Dye for Image-Guided Surgery of Prostate Cancer. <i>Molecular Imaging and Biology</i> , 2020, 22, 85-93.	2.6	16
39	A Fully Automatic Artificial Intelligence System Able to Detect and Characterize Prostate Cancer Using Multiparametric MRI: Multicenter and Multi-Scanner Validation. <i>Frontiers in Oncology</i> , 2021, 11, 718155.	2.8	16
40	Technical details to achieve perfect early continence after radical prostatectomy. <i>Minerva Chirurgica</i> , 2019, 74, 63-77.	0.8	16
41	Diagnostic Accuracy of Single-plane Biparametric and Multiparametric Magnetic Resonance Imaging in Prostate Cancer: A Randomized Noninferiority Trial in Biopsy-naïve Men. <i>European Urology Oncology</i> , 2021, 4, 855-862.	5.4	15
42	Indication to pelvic lymph nodes dissection for prostate cancer: the role of multiparametric magnetic resonance imaging when the risk of lymph nodes invasion according to Briganti updated nomogram is <5%. <i>Prostate Cancer and Prostatic Diseases</i> , 2018, 21, 85-91.	3.9	14
43	Beyond the Learning Curve of Prostate MRI/TRUS Target Fusion Biopsy after More than 1000 Procedures. <i>Urology</i> , 2021, 155, 39-45.	1.0	14
44	Robot-Assisted Extended Pelvic Lymph Nodes Dissection for Prostate Cancer: Personal Surgical Technique and Outcomes. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015, 41, 1209-1219.	1.5	13
45	Strategies to improve nerve regeneration after radical prostatectomy: a narrative review. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2018, 70, 546-558.	3.9	13
46	Implementing telemedicine for the management of benign urologic conditions: a single centre experience in Italy. <i>World Journal of Urology</i> , 2021, 39, 3109-3115.	2.2	13
47	Multiparametric magnetic resonance imaging and active surveillance: How to better select insignificant prostate cancer?. <i>International Journal of Urology</i> , 2016, 23, 752-757.	1.0	12
48	Use of chitosan membranes after nerve-sparing radical prostatectomy improves early recovery of sexual potency: results of a comparative study. <i>BJU International</i> , 2019, 123, 465-473.	2.5	12
49	Laparoscopic simple prostatectomy: complications and functional results after five years of follow-up. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2020, 72, 498-504.	3.9	12
50	Robotic partial nephrectomy in 3D virtual reconstructions era: is the paradigm changed?. <i>World Journal of Urology</i> , 2022, 40, 659-670.	2.2	12
51	Robot-assisted-radical-cystectomy with total intracorporeal Y neobladder: Analysis of postoperative complications and functional outcomes with urodynamics findings. <i>European Journal of Surgical Oncology</i> , 2022, 48, 694-702.	1.0	12
52	Surgical margin status of specimen and oncological outcomes after laparoscopic radical prostatectomy: experience after 400 procedures. <i>World Journal of Urology</i> , 2012, 30, 245-250.	2.2	11
53	Three vs. Four Cycles of Neoadjuvant Chemotherapy for Localized Muscle Invasive Bladder Cancer Undergoing Radical Cystectomy: A Retrospective Multi-Institutional Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 651745.	2.8	11
54	Percutaneous puncture during PCNL: new perspective for the future with virtual imaging guidance. <i>World Journal of Urology</i> , 2022, 40, 639-650.	2.2	11

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55	The impact of 3D models on positive surgical margins after robot-assisted radical prostatectomy. <i>World Journal of Urology</i> , 2022, 40, 2221-2229.	2.2	11
56	Radiological Wheeler staging system: a retrospective cohort analysis to improve the local staging of prostate cancer with multiparametric MRI. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2019, 71, 264-272.	3.9	9
57	Total anatomical reconstruction during robot-assisted radical prostatectomy in patients with previous prostate surgery. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2019, 71, 605-611.	3.9	9
58	Multicenter Semiquantitative Evaluation of <sup>123</sup> I-IMP-CIT Brain SPECT. <i>Journal of Neuroimaging</i> , 2015, 25, 1023-1029.	2.0	8
59	Comparing Image-guided targeted Biopsies to Radical Prostatectomy Specimens for Accurate Characterization of the Index Tumor in Prostate Cancer. <i>Anticancer Research</i> , 2018, 38, 3043-3047.	1.1	8
60	Development of a novel nomogram to identify the candidate to extended pelvic lymph node dissection in patients who underwent mpMRI and target biopsy only. <i>Prostate Cancer and Prostatic Diseases</i> , 2023, 26, 388-394.	3.9	8
61	Preoperative prostate biopsy and multiparametric magnetic resonance imaging: reliability in detecting prostate cancer. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015, 41, 124-133.	1.5	7
62	Treatment of Ureteral Stent-Related Symptoms. <i>Urologia Internationalis</i> , 2023, 107, 288-303.	1.3	7
63	MRI/TRUS fusion software-based targeted biopsy: the new standard of care?. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2015, 67, 233-46.	3.9	7
64	Identification of Recurrent Anatomical Clusters Using Three-dimensional Virtual Models for Complex Renal Tumors with an Imperative Indication for Nephron-sparing Surgery: New Technological Tools for Driving Decision-making. <i>European Urology Open Science</i> , 2022, 38, 60-66.	0.4	7
65	An efficient MRI agent targeting extracellular markers in prostate adenocarcinoma. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1935-1946.	3.0	6
66	Partial vs. radical nephrectomy in non-metastatic pT3a kidney cancer patients: a population-based study. <i>Minerva Urology and Nephrology</i> , 2022, 74, .	2.5	6
67	Comparison of prostate cancer gene 3 score, prostate health index and percentage free prostate-specific antigen for differentiating histological inflammation from prostate cancer and other non-neoplastic alterations of the prostate at initial biopsy. <i>Anticancer Research</i> , 2014, 34, 7159-65.	1.1	6
68	Robot-assisted laparoendoscopic single-site versus mini-laparoscopic pyeloplasty: a comparison of perioperative, functional and cosmetic results. <i>Minerva Urology and Nephrology</i> , 2017, 69, 604-612.	2.5	5
69	Multiparametric magnetic resonance imaging-targeted prostate biopsy: present and future of the prostate cancer diagnostic pathway. <i>Minerva Urology and Nephrology</i> , 2021, 73, 128-129.	2.5	5
70	Metastatic Renal Medullary Carcinoma Treated With Immune Checkpoint Inhibitor: Case Report and Literature Review. <i>Clinical Genitourinary Cancer</i> , 2018, 16, e1087-e1090.	1.9	4
71	Prospective evaluation of urinary steroids and prostate carcinoma-induced deviation: preliminary results. <i>Minerva Urology and Nephrology</i> , 2021, 73, 98-106.	2.5	4
72	The real-time intraoperative guidance of the new HIFU Focal-One® platform allows to minimize the perioperative adverse events in salvage setting. <i>Journal of Ultrasound</i> , 2022, 25, 225-232.	1.3	4

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73	Increased Body Mass Index Is a Risk Factor for Poor Clinical Outcomes after Radical Prostatectomy in Men with International Society of Urological Pathology Grade Group 1 Prostate Cancer Diagnosed with Systematic Biopsies. <i>Urologia Internationalis</i> , 2022, 106, 75-82.	1.3	4
74	Multiparametric prostate MRI for prostate cancer diagnosis: is this the beginning of a new era?. <i>Minerva Urology and Nephrology</i> , 2017, 69, 628-629.	2.5	3
75	Laparoscopic Nephron-Sparing Calycectomy for Treating Fraley's Syndrome. <i>Urologia Internationalis</i> , 2018, 100, 134-138.	1.3	3
76	Naive patients with suspicious prostate cancer and positive multiparametric magnetic resonance imaging (mp-MRI): is it time for fusion target biopsy alone?. <i>Journal of Clinical Urology</i> , 0, , 205141582110237.	0.1	3
77	A risk-group classification model in patients with bladder cancer under neoadjuvant cisplatin-based combination chemotherapy. <i>Future Oncology</i> , 2021, 17, 3987-3994.	2.4	3
78	Association of statin use and oncological outcomes in patients with first diagnosis of T1 high grade non-muscle invasive urothelial bladder cancer: results from a multicentre study. <i>Minerva Urology and Nephrology</i> , 2021, , .	2.5	3
79	Anastomosis quality score during robot-assisted radical prostatectomy: a new simple tool to maximize postoperative management. <i>World Journal of Urology</i> , 2021, 39, 2921-2928.	2.2	2
80	The role of side-specific biopsy and dominant tumor location at radical prostatectomy in predicting the side of nodal metastases in organ confined prostate cancer: is lymphatic spread really unpredictable?. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2019, 71, 146-153.	3.9	2
81	Augmented reality 3D robot-assisted partial nephrectomy: Tips and tricks to improve surgical strategies and outcomes. <i>Urology Video Journal</i> , 2022, 13, 100137.	0.2	2
82	Preoperative multi-parametric prostate magnetic resonance imaging to predict capsular invasion prior to robot-assisted radical prostatectomy - Our experience after 400 cases. <i>European Urology Supplements</i> , 2016, 15, 269.	0.1	1
83	Robotic assisted urethral sparing simple prostatectomy: the way to solve LUTS due to large prostate and maintain ejaculation. <i>Urology Video Journal</i> , 2022, 14, 100147.	0.2	1
84	223Ra Dichloride Bone-Targeted Therapy in a Case of Metastatic Salivary Duct Carcinoma. <i>Clinical Nuclear Medicine</i> , 2017, 42, 391-393.	1.3	0
85	Reply to Anwar R. Padhani, Ivo G. Schoots, Jelle O. Barentsz. Fast Magnetic Resonance Imaging as a Viable Method for Directing the Prostate Cancer Diagnostic Pathway. <i>Eur Urol Oncol</i> . In press. <a href="https://doi.org/10.1016/j.euo.2021.04.009">https://doi.org/10.1016/j.euo.2021.04.009</a> . <i>European Urology Oncology</i> , 2021, 4, 866-866.	5.4	0
86	Augmented Reality. , 2021, , 141-151.		0
87	Functional Results after First- and Second-Generation Temporary Implantable Nitinol Device (TIND) for BPH: A Narrative Review of the Literature. <i>Current Bladder Dysfunction Reports</i> , 0, , 1.	0.5	0
88	Step by step three-dimensional virtual models assistance in case of complex robotic partial nephrectomies. <i>Urology Video Journal</i> , 2022, 14, 100141.	0.2	0