

# Philippe Puech

## List of Publications by Year in descending order

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73  
papers

5,653  
citations

136740

32  
h-index

76769

74  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of prostate systematic and targeted biopsy on the basis of multiparametric MRI in biopsy-naive patients (MRI-FIRST): a prospective, multicentre, paired diagnostic study. <i>Lancet Oncology</i> , The, 2019, 20, 100-109.	5.1	701
2	Magnetic Resonance Imaging for the Detection, Localisation, and Characterisation of Prostate Cancer: Recommendations from a European Consensus Meeting. <i>European Urology</i> , 2011, 59, 477-494.	0.9	642
3	Standards of Reporting for MRI-targeted Biopsy Studies (START) of the Prostate: Recommendations from an International Working Group. <i>European Urology</i> , 2013, 64, 544-552.	0.9	383
4	Dynamic Contrast Enhanced, Pelvic Phased Array Magnetic Resonance Imaging of Localized Prostate Cancer for Predicting Tumor Volume: Correlation With Radical Prostatectomy Findings. <i>Journal of Urology</i> , 2006, 176, 2432-2437.	0.2	364
5	Prostate Cancer Diagnosis: Multiparametric MR-targeted Biopsy with Cognitive and Transrectal USâ€“MR Fusion Guidance versus Systematic Biopsyâ€“Prospective Multicenter Study. <i>Radiology</i> , 2013, 268, 461-469.	3.6	348
6	Role of magnetic resonance imaging before initial biopsy: comparison of magnetic resonance imaging-targeted and systematic biopsy for significant prostate cancer detection. <i>BJU International</i> , 2011, 108, E171-E178.	1.3	341
7	Dynamic Contrast-enhancedâ€“magnetic Resonance Imaging Evaluation of Intraprostatic Prostate Cancer: Correlation with Radical Prostatectomy Specimens. <i>Urology</i> , 2009, 74, 1094-1099.	0.5	214
8	Reporting Magnetic Resonance Imaging in Men on Active Surveillance for Prostate Cancer: The PRECISE Recommendationsâ€“A Report of a European School of Oncology Task Force. <i>European Urology</i> , 2017, 71, 648-655.	0.9	190
9	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologistsâ€™ training. <i>European Radiology</i> , 2020, 30, 5404-5416.	2.3	185
10	Dynamic contrast-enhanced MRI of anterior prostate cancer: morphometric assessment and correlation with radical prostatectomy findings. <i>European Radiology</i> , 2009, 19, 470-480.	2.3	147
11	Combined Multiparametric MRI and Targeted Biopsies Improve Anterior Prostate Cancer Detection, Staging, and Grading. <i>Urology</i> , 2011, 78, 1356-1362.	0.5	137
12	Scoring systems used for the interpretation and reporting of multiparametric MRI for prostate cancer detection, localization, and characterization: could standardization lead to improved utilization of imaging within the diagnostic pathway?. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 48-58.	1.9	119
13	Current status of MRI for the diagnosis, staging and prognosis of prostate cancer: implications for focal therapy and active surveillance. <i>Current Opinion in Urology</i> , 2009, 19, 274-282.	0.9	102
14	Transition zone and anterior stromal prostate cancers: Zone of origin and intraprostatic patterns of spread at histopathology. <i>Prostate</i> , 2009, 69, 105-113.	1.2	95
15	Adrenalectomy for a Solitary Adrenal Metastasis From Lung Cancer. <i>Annals of Thoracic Surgery</i> , 1998, 65, 331-335.	0.7	91
16	Prostate cancer characterization on MR images using fractal features. <i>Medical Physics</i> , 2011, 38, 83-95.	1.6	89
17	The role of mediastinoscopy in the diagnosis of mediastinal lymphadenopathy. <i>European Journal of Cardio-thoracic Surgery</i> , 1998, 13, 196-199.	0.6	85
18	Computer-assisted diagnosis of prostate cancer using DCE-MRI data: design, implementation and preliminary results. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 1-10.	1.7	77

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19	Magnetic Resonance Imaging Targeted Biopsy Improves Selection of Patients Considered for Active Surveillance for Clinically Low Risk Prostate Cancer Based on Systematic Biopsies. <i>Journal of Urology</i> , 2015, 194, 350-356.	0.2	70
20	Peripheral zone prostate cancers: Location and intraprostatic patterns of spread at histopathology. <i>Prostate</i> , 2009, 69, 276-282.	1.2	68
21	Combining a deformable model and a probabilistic framework for an automatic 3D segmentation of prostate on MRI. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 181-188.	1.7	58
22	Computer-assisted Analysis of Three-dimensional MR Angiograms. <i>Radiographics</i> , 2002, 22, 421-436.	1.4	56
23	Photodynamic therapy in urology: What can we do now and where are we heading?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2012, 9, 261-273.	1.3	55
24	Imaging of organ-confined prostate cancer: functional ultrasound, MRI and PET/computed tomography. <i>Current Opinion in Urology</i> , 2009, 19, 168-176.	0.9	48
25	A model to estimate the outcome of prostate cancer photodynamic therapy with TOOKAD Soluble WST11. <i>Physics in Medicine and Biology</i> , 2011, 56, 4771-4783.	1.6	47
26	Imaging for Metastasis in Prostate Cancer: A Review of the Literature. <i>Frontiers in Oncology</i> , 2020, 10, 55.	1.3	46
27	The role of MRI-targeted and confirmatory biopsies for cancer upstaging at selection in patients considered for active surveillance for clinically low-risk prostate cancer. <i>World Journal of Urology</i> , 2014, 32, 951-958.	1.2	44
28	Small cell carcinoma of the upper urinary tract (UUT-SCC): Report of a rare entity and systematic review of the literature. <i>Cancer Treatment Reviews</i> , 2011, 37, 366-372.	3.4	43
29	Partial Prostatectomy for Anterior Cancer: Short-term Oncologic and Functional Outcomes. <i>European Urology</i> , 2017, 72, 333-342.	0.9	43
30	Zonal segmentation of prostate using multispectral magnetic resonance images. <i>Medical Physics</i> , 2011, 38, 6093-6105.	1.6	41
31	Focal Laser Ablation of Prostate Cancer: Definition, Needs, and Future. <i>Advances in Urology</i> , 2012, 2012, 1-10.	0.6	39
32	Differential diagnosis and prognosis of T1-weighted post-gadolinium intralabyrinthine hyperintensities. <i>European Radiology</i> , 2010, 20, 2628-2636.	2.3	33
33	DicomWorks: Software for Reviewing DICOM Studies and Promoting Low-cost Teleradiology. <i>Journal of Digital Imaging</i> , 2007, 20, 122-130.	1.6	32
34	Clinical applications of multiparametric MRI within the prostate cancer diagnostic pathway. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 281-284.	0.8	32
35	How are we going to train a generation of radiologists (and urologists) to read prostate MRI?. <i>Current Opinion in Urology</i> , 2015, 25, 522-535.	0.9	32
36	Focal laser interstitial thermotherapy (LITT) at 980nm for prostate cancer: treatment feasibility in Dunning R3327 rat prostate tumour. <i>BJU International</i> , 2012, 109, 452-458.	1.3	31

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37	Significance of ADC value for detection and characterization of urothelial carcinoma of upper urinary tract using diffusion-weighted MRI. <i>World Journal of Urology</i> , 2013, 31, 13-19.	1.2	30
38	Multiparametric MRI-Targeted TRUS Prostate Biopsies Using Visual Registration. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	30
39	Multimodality Magnetic Resonance Imaging of Prostate Cancer. <i>Journal of Endourology</i> , 2010, 24, 677-684.	1.1	29
40	Malignant Retroperitoneal Fibrosis. <i>Medicine (United States)</i> , 2012, 91, 242-250.	0.4	26
41	Dynamic Contrast-Enhanced MRI for Preoperative Identification of Localised Prostate Cancer. <i>European Urology Supplements</i> , 2007, 6, 525-532.	0.1	23
42	Impact of arterial input function selection on the accuracy of dynamic contrast-enhanced MRI quantitative analysis for the diagnosis of clinically significant prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 737-749.	1.9	21
43	MRI in addition to or as a substitute for prostate biopsy: The clinician's point of view. <i>Diagnostic and Interventional Imaging</i> , 2012, 93, 262-267.	1.8	20
44	Detecting prostate cancer with MRI – why and how. <i>Diagnostic and Interventional Imaging</i> , 2012, 93, 268-278.	1.8	18
45	Negative Prebiopsy Magnetic Resonance Imaging and Risk of Significant Prostate Cancer: Baseline and Long-Term Followup Results. <i>Journal of Urology</i> , 2021, 205, 725-731.	0.2	16
46	Contribution of serum anti-Müllerian hormone in the management of azoospermia and the prediction of testicular sperm retrieval outcomes: a study of 155 adult men. <i>Basic and Clinical Andrology</i> , 2021, 31, 15.	0.8	16
47	MRI and surveillance. <i>Current Opinion in Urology</i> , 2012, 22, 231-236.	0.9	15
48	Prostate cancer computer-assisted diagnosis software using dynamic contrast-enhanced MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5567-70.	0.5	14
49	Elastic image registration for guiding focal laser ablation of prostate cancer: Preliminary results. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 213-223.	2.6	14
50	Quantified analysis of histological components and architectural patterns of gleason grades in apparent diffusion coefficient restricted areas upon diffusion weighted MRI for peripheral or transition zone cancer locations. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1786-1796.	1.9	14
51	Update on the ICUD-SIU consultation on multi-parametric magnetic resonance imaging in localised prostate cancer. <i>World Journal of Urology</i> , 2019, 37, 429-436.	1.2	14
52	Multiparametric magnetic resonance imaging for bladder cancer: a comprehensive systematic review of the Vesical Imaging-Reporting and Data System (VI-RADS) performance and potential clinical applications. <i>Therapeutic Advances in Urology</i> , 2021, 13, 1756287221110395.	0.9	14
53	Robot-assisted partial prostatectomy for anterior prostate cancer: a step-by-step guide. <i>BJU International</i> , 2017, 119, 968-974.	1.3	12
54	3D automatic segmentation and reconstruction of prostate on MR images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5259-62.	0.5	11

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55	ProstAtlas: A digital morphologic atlas of the prostate. <i>European Journal of Radiology</i> , 2012, 81, 1969-1975.	1.2	11
56	International Multi-Site Initiative to Develop an MRI-Inclusive Nomogram for Side-Specific Prediction of Extraprostatic Extension of Prostate Cancer. <i>Cancers</i> , 2021, 13, 2627.	1.7	11
57	No specific imaging pattern can help differentiate IgG4-related disease from idiopathic retroperitoneal fibrosis: 18 histologically proven cases. <i>Clinical and Experimental Rheumatology</i> , 2018, 36, 371-375.	0.4	10
58	A New Method for Intra Ocular Pressure in vivo Measurement: First Clinical Trials. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5763-6.	0.5	9
59	Low-risk prostate cancer selected for active surveillance with negative MRI at entry: can repeat biopsies at 1 year be avoided? A pilot study. <i>World Journal of Urology</i> , 2019, 37, 253-259.	1.2	9
60	Spectral clustering applied for dynamic contrast-enhanced MR analysis of time-intensity curves. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 702-713.	3.5	8
61	Understanding the pathological implications of MRI. <i>Current Opinion in Urology</i> , 2015, 25, 198-204.	0.9	7
62	Renal Lymphangiectasia, a Rare Complication After Kidney Transplantation. <i>Kidney International Reports</i> , 2021, 6, 1475-1479.	0.4	7
63	How accurately can MRI detect indolent disease?. <i>Current Opinion in Urology</i> , 2014, 24, 264-269.	0.9	6
64	Impact of positive vascular margins status after surgical resection of non-metastatic renal cell carcinoma with caval tumour thrombus: a propensity score multicentre study. <i>World Journal of Urology</i> , 2022, 40, 459-465.	1.2	4
65	Multidimensional Models for Methodological Validation in Multifractal Analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 5543-6.	0.5	3
66	DicomWorks Teleradiology: Secure transmission of medical images over the Internet at low cost. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 6706-9.	0.5	2
67	Pre-biopsy MRI as an adjunct for cancer detection in men with elevated PSA and no previous biopsy. <i>Translational Andrology and Urology</i> , 2017, 6, 387-394.	0.6	2
68	DYNAMIC CONTRAST-ENHANCED PELVIC-PHASED ARRAY MAGNETIC RESONANCE IMAGING FOR DETECTION OF LOCALIZED PROSTATE CANCER: CORRELATION WITH RADICAL PROSTATECTOMY FINDINGS. <i>Journal of Urology</i> , 2008, 179, 644-644.	0.2	1
69	When and How Should Magnetic Resonance Imaging be Used in Evaluation of the Patient with Prostate Cancer or Increased Prostate Specific Antigen?. <i>Journal of Urology</i> , 2013, 190, 1641-1642.	0.2	1
70	ESUR/ESUI consensus statements on multi-parametric MRI for the detection of clinically significant prostate cancer: quality requirements for image acquisition, interpretation and radiologists' training. , 2020, 30, 5404.		1
71	Role of Imaging as an Adjunct or Replacement for Biopsy: European Experience. , 2013, , 337-349.		0
72	Editorial Comment. <i>Journal of Urology</i> , 2018, 200, 1121-1121.	0.2	0

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73	Émergence de la simple surveillance du cancer de prostate et des traitements partiels. Rôle clé de l'IRM. Bulletin De L'Académie Nationale De Médecine, 2018, 202, 1049-1057.	0.0	0