

Philippe Puech

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

5,653
citations

136950

32
h-index

76900

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. | 10.7 | 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. | 1.9 | 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. | 1.9 | 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. | 0.4 | 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. | 7.3 | 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. | 2.5 | 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. | 1.0 | 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. | 1.9 | 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. | 4.5 | 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. | 4.5 | 147 |
| 11 | Combined Multiparametric MRI and Targeted Biopsies Improve Anterior Prostate Cancer Detection, Staging, and Grading. <i>Urology</i> , 2011, 78, 1356-1362. | 1.0 | 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. | 3.4 | 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. | 1.8 | 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. | 2.3 | 95 |
| 15 | Adrenalectomy for a Solitary Adrenal Metastasis From Lung Cancer. <i>Annals of Thoracic Surgery</i> , 1998, 65, 331-335. | 1.3 | 91 |
| 16 | Prostate cancer characterization on MR images using fractal features. <i>Medical Physics</i> , 2011, 38, 83-95. | 3.0 | 89 |
| 17 | The role of mediastinoscopy in the diagnosis of mediastinal lymphadenopathy. <i>European Journal of Cardio-thoracic Surgery</i> , 1998, 13, 196-199. | 1.4 | 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. | 2.8 | 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. | 0.4 | 70 |
| 20 | Peripheral zone prostate cancers: Location and intraprostatic patterns of spread at histopathology. <i>Prostate</i> , 2009, 69, 276-282. | 2.3 | 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. | 2.8 | 58 |
| 22 | Computer-assisted Analysis of Three-dimensional MR Angiograms. <i>Radiographics</i> , 2002, 22, 421-436. | 3.3 | 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. | 2.6 | 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. | 1.8 | 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. | 3.0 | 47 |
| 26 | Imaging for Metastasis in Prostate Cancer: A Review of the Literature. <i>Frontiers in Oncology</i> , 2020, 10, 55. | 2.8 | 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. | 2.2 | 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. | 7.7 | 43 |
| 29 | Partial Prostatectomy for Anterior Cancer: Short-term Oncologic and Functional Outcomes. <i>European Urology</i> , 2017, 72, 333-342. | 1.9 | 43 |
| 30 | Zonal segmentation of prostate using multispectral magnetic resonance images. <i>Medical Physics</i> , 2011, 38, 6093-6105. | 3.0 | 41 |
| 31 | Focal Laser Ablation of Prostate Cancer: Definition, Needs, and Future. <i>Advances in Urology</i> , 2012, 2012, 1-10. | 1.3 | 39 |
| 32 | Differential diagnosis and prognosis of T1-weighted post-gadolinium intralabyrinthine hyperintensities. <i>European Radiology</i> , 2010, 20, 2628-2636. | 4.5 | 33 |
| 33 | DicomWorks: Software for Reviewing DICOM Studies and Promoting Low-cost Teleradiology. <i>Journal of Digital Imaging</i> , 2007, 20, 122-130. | 2.9 | 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. | 1.6 | 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. | 1.8 | 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. | 2.5 | 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. | 2.2 | 30 |
| 38 | Multiparametric MRI-Targeted TRUS Prostate Biopsies Using Visual Registration. <i>BioMed Research International</i> , 2014, 2014, 1-11. | 1.9 | 30 |
| 39 | Multimodality Magnetic Resonance Imaging of Prostate Cancer. <i>Journal of Endourology</i> , 2010, 24, 677-684. | 2.1 | 29 |
| 40 | Malignant Retroperitoneal Fibrosis. <i>Medicine (United States)</i> , 2012, 91, 242-250. | 1.0 | 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. | 3.4 | 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. | 3.2 | 20 |
| 44 | Detecting prostate cancer with MRI – why and how. <i>Diagnostic and Interventional Imaging</i> , 2012, 93, 268-278. | 3.2 | 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. | 0.4 | 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. | 1.9 | 16 |
| 47 | MRI and surveillance. <i>Current Opinion in Urology</i> , 2012, 22, 231-236. | 1.8 | 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. | 4.7 | 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. | 3.4 | 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. | 2.2 | 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. | 2.0 | 14 |
| 53 | Robot-assisted partial prostatectomy for anterior prostate cancer: a step-by-step guide. <i>BJU International</i> , 2017, 119, 968-974. | 2.5 | 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. | 2.6 | 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. | 3.7 | 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. | 0.8 | 10 |
| 58 | A New Method for Intra Ocular Pressure in vivo Measurement: First Clinical Trials. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 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 1Åyear be avoided? A pilot study. <i>World Journal of Urology</i> , 2019, 37, 253-259. | 2.2 | 9 |
| 60 | Spectral clustering applied for dynamic contrast-enhanced MR analysis of timeâ€“intensity curves. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 702-713. | 5.8 | 8 |
| 61 | Understanding the pathological implications of MRI. <i>Current Opinion in Urology</i> , 2015, 25, 198-204. | 1.8 | 7 |
| 62 | Renal Lymphangiectasia, a Rare Complication After Kidney Transplantation. <i>Kidney International Reports</i> , 2021, 6, 1475-1479. | 0.8 | 7 |
| 63 | How accurately can MRI detect indolent disease?. <i>Current Opinion in Urology</i> , 2014, 24, 264-269. | 1.8 | 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. | 2.2 | 4 |
| 65 | Multidimensional Models for Methodological Validation in Multifractal Analysis. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5543-6. | 0.5 | 3 |
| 66 | DicomWorks Teleradiology: Secure transmission of medical images over the Internet at low cost. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 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. | 1.4 | 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. | 0.4 | 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. | 0.4 | 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 radiologistsâ€™ 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. | 0.4 | 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 |