

# B Nicolas Bloch

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,374  
citations

331670

21  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostate Cancer: Accurate Determination of Extracapsular Extension with High-Spatial-Resolution Dynamic Contrast-enhanced and T2-weighted MR Imaging—Initial Results. <i>Radiology</i> , 2007, 245, 176-185.	7.3	217
2	Association of Peritumoral Radiomics With Tumor Biology and Pathologic Response to Preoperative Targeted Therapy for HER2 (ERBB2)-Positive Breast Cancer. <i>JAMA Network Open</i> , 2019, 2, e192561.	5.9	196
3	Elastic registration of multimodal prostate MRI and histology via multiattribute combined mutual information. <i>Medical Physics</i> , 2011, 38, 2005-2018.	3.0	100
4	3 Tesla magnetic resonance imaging of the prostate with combined pelvic phased-array and endorectal coils: Initial experience. <i>Academic Radiology</i> , 2004, 11, 863-867.	2.5	84
5	Prediction of prostate cancer extracapsular extension with high spatial resolution dynamic contrast-enhanced 3-T MRI. <i>European Radiology</i> , 2012, 22, 2201-2210.	4.5	83
6	3T MR of the prostate: Reducing susceptibility gradients by inflating the endorectal coil with a barium sulfate suspension. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 898-904.	3.0	68
7	Determining histology-MRI slice correspondences for defining MRI-based disease signatures of prostate cancer. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 568-578.	5.8	61
8	3 Tesla magnetic resonance imaging of the prostate with combined pelvic phased-array and endorectal coils. <i>Academic Radiology</i> , 2004, 11, 863-867.	2.5	49
9	A Radio-genomics Approach for Identifying High Risk Estrogen Receptor-positive Breast Cancers on DCE-MRI: Preliminary Results in Predicting OncotypeDX Risk Scores. <i>Scientific Reports</i> , 2016, 6, 21394.	3.3	49
10	Accurate Prostate Volume Estimation Using Multifeature Active Shape Models on T2-weighted MRI. <i>Academic Radiology</i> , 2011, 18, 745-754.	2.5	44
11	Dynamic Contrast-Enhanced MR Imaging in the Evaluation of Patients with Prostate Cancer. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2009, 17, 363-383.	1.1	34
12	Comparing radiomic classifiers and classifier ensembles for detection of peripheral zone prostate tumors on T2-weighted MRI: a multi-site study. <i>BMC Medical Imaging</i> , 2019, 19, 22.	2.7	34
13	Prostate Postbrachytherapy Seed Distribution: Comparison of High-Resolution, Contrast-Enhanced, T1- and T2-Weighted Endorectal Magnetic Resonance Imaging Versus Computed Tomography: Initial Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 70-78.	0.8	33
14	Tissue-print and print-phoresis as platform technologies for the molecular analysis of human surgical specimens: mapping tumor invasion of the prostate capsule. <i>Nature Medicine</i> , 2005, 11, 95-101.	30.7	31
15	Multisite evaluation of radiomic feature reproducibility and discriminability for identifying peripheral zone prostate tumors on MRI. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	30
16	An illustration of the potential for mapping MRI/MRS parameters with genetic over-expression profiles in human prostate cancer. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 411-421.	2.0	27
17	The role of magnetic resonance imaging (MRI) in prostate cancer imaging and staging at 1.5 and 3 Tesla: The Beth Israel Deaconess Medical Center (BIDMC) approach. <i>Cancer Biomarkers</i> , 2008, 4, 251-262.	1.7	27
18	Integrating structural and functional imaging for computer assisted detection of prostate cancer on multi-protocol in vivo 3 Tesla MRI. <i>Proceedings of SPIE</i> , 2009, 7260, 72603I.	0.8	27

#	ARTICLE	IF	CITATIONS
19	Novel PCA-VIP scheme for ranking MRI protocols and identifying computer-extracted MRI measurements associated with central gland and peripheral zone prostate tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1383-1393.	3.4	27
20	Principal Component Analysis of Dynamic Contrast Enhanced MRI in Human Prostate Cancer. <i>Investigative Radiology</i> , 2010, 45, 174-181.	6.2	25
21	Diagnosis of relevant prostate cancer using supplementary cores from magnetic resonance imaging-prompted areas following multiple failed biopsies. <i>Magnetic Resonance Imaging</i> , 2013, 31, 947-952.	1.8	24
22	Automated Computer-derived Prostate Volumes from MR Imaging Data: Comparison with Radiologist-derived MR Imaging and Pathologic Specimen Volumes. <i>Radiology</i> , 2012, 262, 144-151.	7.3	20
23	Enhanced multi-protocol analysis via intelligent supervised embedding (EMPrAvISE): detecting prostate cancer on multi-parametric MRI. <i>Proceedings of SPIE</i> , 2011, 7963, 79630U.	0.8	16
24	Stereotactic core needle breast biopsy marker migration: An analysis of factors contributing to immediate marker migration. <i>European Radiology</i> , 2017, 27, 4797-4803.	4.5	15
25	Prostatome: A combined anatomical and disease based MRI atlas of the prostate. <i>Medical Physics</i> , 2014, 41, 072301.	3.0	10
26	COLLINARUS: collection of image-derived non-linear attributes for registration using splines. , 2009, , .		9
27	Polymer film-nanoparticle composites as new multimodality, non-migrating breast biopsy markers. <i>European Radiology</i> , 2016, 26, 866-873.	4.5	8
28	Risk factors involved in treatment delays and differences in treatment type for patients with prostate cancer by risk category in an academic safety net hospital. <i>Advances in Radiation Oncology</i> , 2018, 3, 181-189.	1.2	8
29	Improved dosimetry in prostate brachytherapy using high resolution contrast enhanced magnetic resonance imaging: a feasibility study. <i>Journal of Contemporary Brachytherapy</i> , 2014, 4, 337-343.	0.9	7
30	Statistical 3D prostate imaging atlas construction via anatomically constrained registration. , 2013, 8669, .		5
31	A learning based fiducial-driven registration scheme for evaluating laser ablation changes in neurological disorders. <i>Neurocomputing</i> , 2014, 144, 24-37.	5.9	5
32	Patient and Organ Specific Quality Assurance Phantom Insert for Stereotactic Body Radiation Therapy of Prostate Cancer1. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2015, 9, .	0.7	1
33	Future role of ultrasound and MR imaging in prostate cancer. , 2015, 15, 102-104.		0