B Nicolas Bloch

List of Publications by Year
in descending order

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33	1,374	331670 21	454955 30
papers	citations	h-index	g-index

33	33	33	1932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of Peritumoral Radiomics With Tumor Biology and Pathologic Response to Preoperative Targeted Therapy for HER2 (ERBB2)â€“Positive Breast Cancer. JAMA Network Open, 2019, 2, e192561.	5.9	196
2	Comparing radiomic classifiers and classifier ensembles for detection of peripheral zone prostate tumors on T2-weighted MRI: a multi-site study. BMC Medical Imaging, 2019, 19, 22.	2.7	34
3	Multisite evaluation of radiomic feature reproducibility and discriminability for identifying peripheral zone prostate tumors on MRI. Journal of Medical Imaging, 2019, 6, 1.	1.5	30
4	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. Advances in Radiation Oncology, 2018, 3, 181-189.	1.2	8
5	Stereotactic core needle breast biopsy marker migration: An analysis of factors contributing to immediate marker migration. European Radiology, 2017, 27, 4797-4803.	4.5	15
6	A Radio-genomics Approach for Identifying High Risk Estrogen Receptor-positive Breast Cancers on DCE-MRI: Preliminary Results in Predicting OncotypeDX Risk Scores. Scientific Reports, 2016, 6, 21394.	3.3	49
7	Polymer film-nanoparticle composites as new multimodality, non-migrating breast biopsy markers. European Radiology, 2016, 26, 866-873.	4.5	8
8	Patient and Organ Specific Quality Assurance Phantom Insert for Stereotactic Body Radiation Therapy of Prostate Cancer1. Journal of Medical Devices, Transactions of the ASME, 2015, 9, .	0.7	1
9	Novel PCA-VIP scheme for ranking MRI protocols and identifying computer-extracted MRI measurements associated with central gland and peripheral zone prostate tumors. Journal of Magnetic Resonance Imaging, 2015, 41, 1383-1393.	3.4	27
10	Future role of ultrasound and MR imaging in prostate cancer. , 2015, 15, 102-104.		0
11	Prostatome: A combined anatomical and disease based MRI atlas of the prostate. Medical Physics, 2014, 41, 072301.	3.0	10
12	Improved dosimetry in prostate brachytherapy using high resolution contrast enhanced magnetic resonance imaging: a feasibility study. Journal of Contemporary Brachytherapy, 2014, 4, 337-343.	0.9	7
13	A learning based fiducial-driven registration scheme for evaluating laser ablation changes in neurological disorders. Neurocomputing, 2014, 144, 24-37.	5.9	5
14	Statistical 3D prostate imaging atlas construction via anatomically constrained registration. , 2013, 8669, .		5
15	Diagnosis of relevant prostate cancer using supplementary cores from magnetic resonance imaging-prompted areas following multiple failed biopsies. Magnetic Resonance Imaging, 2013, 31, 947-952.	1.8	24
16	Automated Computer-derived Prostate Volumes from MR Imaging Data: Comparison with Radiologist-derived MR Imaging and Pathologic Specimen Volumes. Radiology, 2012, 262, 144-151.	7.3	20
17	Prediction of prostate cancer extracapsular extension with high spatial resolution dynamic contrast-enhanced 3-T MRI. European Radiology, 2012, 22, 2201-2210.	4.5	83
18	Elastic registration of multimodal prostate MRI and histology via multiattribute combined mutual information. Medical Physics, 2011, 38, 2005-2018.	3.0	100

#	Article	IF	Citations
19	Accurate Prostate Volume Estimation Using Multifeature Active Shape Models on T2-weighted MRI. Academic Radiology, 2011, 18, 745-754.	2.5	44
20	Determining histology-MRI slice correspondences for defining MRI-based disease signatures of prostate cancer. Computerized Medical Imaging and Graphics, 2011, 35, 568-578.	5.8	61
21	Enhanced multi-protocol analysis via intelligent supervised embedding (EMPrAvISE): detecting prostate cancer on multi-parametric MRI. Proceedings of SPIE, 2011, 7963, 79630U.	0.8	16
22	Principal Component Analysis of Dynamic Contrast Enhanced MRI in Human Prostate Cancer. Investigative Radiology, 2010, 45, 174-181.	6.2	25
23	COLLINARUS: collection of image-derived non-linear attributes for registration using splines. , 2009, , .		9
24	Integrating structural and functional imaging for computer assisted detection of prostate cancer on multi-protocol in vivo 3 Tesla MRI. Proceedings of SPIE, 2009, 7260, 72603I.	0.8	27
25	Dynamic Contrast-Enhanced MR Imaging in the Evaluation of Patients with Prostate Cancer. Magnetic Resonance Imaging Clinics of North America, 2009, 17, 363-383.	1.1	34
26	An illustration of the potential for mapping MRI/MRS parameters with genetic over-expression profiles in human prostate cancer. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2008, 21, 411-421.	2.0	27
27	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. Cancer Biomarkers, 2008, 4, 251-262.	1.7	27
28	Prostate Cancer: Accurate Determination of Extracapsular Extension with High-Spatial-Resolution Dynamic Contrast-enhanced and T2-weighted MR Imagingâ€"Initial Results. Radiology, 2007, 245, 176-185.	7.3	217
29	3T MR of the prostate: Reducing susceptibility gradients by inflating the endorectal coil with a barium sulfate suspension. Magnetic Resonance in Medicine, 2007, 57, 898-904.	3.0	68
30	Prostate Postbrachytherapy Seed Distribution: Comparison of High-Resolution, Contrast-Enhanced, T1- and T2-Weighted Endorectal Magnetic Resonance Imaging Versus Computed Tomography: Initial Experience. International Journal of Radiation Oncology Biology Physics, 2007, 69, 70-78.	0.8	33
31	Tissue-print and print-phoresis as platform technologies for the molecular analysis of human surgical specimens: mapping tumor invasion of the prostate capsule. Nature Medicine, 2005, 11, 95-101.	30.7	31
32	3 Tesla magnetic resonance imaging of the prostate with combined pelvic phased-array and endorectal coils. Academic Radiology, 2004, 11, 863-867.	2.5	49
33	3 Tesla magnetic resonance imaging of the prostate with combined pelvic phased-array and endorectal coilsInitial experience1. Academic Radiology, 2004, 11, 863-867.	2.5	84