

Alexander Brook

List of Publications by Year in descending order

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71
papers

1,207
citations

430874

18
h-index

395702

33
g-index

71
all docs

71
docs citations

71
times ranked

1875
citing authors

#	ARTICLE	IF	CITATIONS
1	Structured Reporting of Multiphasic CT for Pancreatic Cancer: Potential Effect on Staging and Surgical Planning. <i>Radiology</i> , 2015, 274, 464-472.	7.3	175
2	Deblurring of Color Images Corrupted by Impulsive Noise. <i>IEEE Transactions on Image Processing</i> , 2007, 16, 1101-1111.	9.8	101
3	Spectral CT with Metal Artifacts Reduction Software for Improvement of Tumor Visibility in the Vicinity of Gold Fiducial Markers. <i>Radiology</i> , 2012, 263, 696-705.	7.3	88
4	Split-Bolus Spectral Multidetector CT of the Pancreas: Assessment of Radiation Dose and Tumor Conspicuity. <i>Radiology</i> , 2013, 269, 139-148.	7.3	81
5	Variational Restoration and Edge Detection for Color Images. <i>Journal of Mathematical Imaging and Vision</i> , 2003, 18, 247-268.	1.3	68
6	Prediction of Low versus High Recurrence Scores in Estrogen Receptor-Positive, Lymph Node-Negative Invasive Breast Cancer on the Basis of Radiologic-Pathologic Features: Comparison with Oncotype DX Test Recurrence Scores. <i>Radiology</i> , 2016, 280, 370-378.	7.3	43
7	Effect of Stereotactic Body Radiotherapy on the Growth Kinetics and Enhancement Pattern of Primary Renal Tumors. <i>American Journal of Roentgenology</i> , 2016, 206, 544-553.	2.2	41
8	Comparative Dose of Contrast-Enhanced Spectral Mammography (CESM), Digital Mammography, and Digital Breast Tomosynthesis. <i>American Journal of Roentgenology</i> , 2018, 211, 839-846.	2.2	37
9	Embolization therapy for benign prostatic hyperplasia: Influence of embolization particle size on gland perfusion. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 380-387.	3.4	33
10	Delayed Growth in Incidental Pancreatic Cysts: Are the Current American College of Radiology Recommendations for Follow-up Appropriate?. <i>Radiology</i> , 2016, 278, 752-761.	7.3	30
11	Measurement of pancreatic cystic lesions on magnetic resonance imaging: efficacy of standards in reducing inter-observer variability. <i>Abdominal Radiology</i> , 2016, 41, 500-507.	2.1	25
12	Resident Experiences With Virtual Radiology Learning During the COVID-19 Pandemic. <i>Academic Radiology</i> , 2021, 28, 704-710.	2.5	25
13	The Complementary Nature of Peer Review and Quality Assurance Data Collection. <i>Radiology</i> , 2015, 274, 221-229.	7.3	24
14	Comparison of Contrast-Enhanced Mammography With Conventional Digital Mammography in Breast Cancer Screening: A Pilot Study. <i>Journal of the American College of Radiology</i> , 2019, 16, 1456-1463.	1.8	24
15	Workflow Considerations for Incorporation of Contrast-Enhanced Spectral Mammography Into a Breast Imaging Practice. <i>Journal of the American College of Radiology</i> , 2018, 15, 881-885.	1.8	23
16	The role of diffusion weighted imaging as supplement to dynamic contrast enhanced breast MRI: Can it help predict malignancy, histologic grade and recurrence?. <i>Academic Radiology</i> , 2019, 26, 923-929.	2.5	21
17	The effect of a Radiology Conference consultation on cancer patients management. <i>Annals of Oncology</i> , 2011, 22, 1204-1208.	1.2	20
18	Ovarian Cancer: Prevalence in Incidental Simple Adnexal Cysts Initially Identified in CT Examinations of the Abdomen and Pelvis. <i>Radiology</i> , 2018, 286, 196-204.	7.3	20

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19	CT Imaging Findings after Stereotactic Radiotherapy for Liver Tumors. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-8.	1.5	17
20	MDCT vs. MRI for incidental pancreatic cysts: measurement variability and impact on clinical management. <i>Abdominal Radiology</i> , 2017, 42, 521-530.	2.1	17
21	Surgical upgrade rate of breast atypia to malignancy: An academic center's experience and validation of a predictive model. <i>Breast Journal</i> , 2018, 24, 115-119.	1.0	17
22	Need for Intraoperative Ultrasound and Surgical Recommendation for Partial Nephrectomy. <i>Ultrasound Quarterly</i> , 2012, 28, 21-27.	0.8	16
23	Metal implants on CT: comparison of iterative reconstruction algorithms for reduction of metal artifacts with single energy and spectral CT scanning in a phantom model. <i>Abdominal Radiology</i> , 2017, 42, 742-748.	2.1	16
24	MR Enterography of the Ileoanal Pouch: Descriptive Radiologic Analysis With Endoscopic and Pathologic Correlation. <i>American Journal of Roentgenology</i> , 2015, 205, W478-W484.	2.2	13
25	Mucinous cystic neoplasms of the pancreas: high-resolution cross-sectional imaging features with clinico-pathologic correlation. <i>Abdominal Radiology</i> , 2018, 43, 1413-1422.	2.1	13
26	Utility of transabdominal ultrasound for surveillance of known pancreatic cystic lesions: prospective evaluation with MRI as reference standard. <i>Abdominal Radiology</i> , 2018, 43, 1180-1192.	2.1	13
27	Dependent lesion positioning at CT-guided lung biopsy to reduce risk of pneumothorax. <i>European Radiology</i> , 2020, 30, 6369-6375.	4.5	13
28	Potential role of abbreviated MRI for breast cancer screening in an academic medical center. <i>Breast Journal</i> , 2019, 25, 604-611.	1.0	12
29	Pancreatic atrophy in patients with chronic graft-versus-host disease. <i>Abdominal Imaging</i> , 2014, 39, 342-347.	2.0	11
30	Educational Videos: An Effective Tool to Improve Training in Interventional Breast Procedures. <i>Journal of the American College of Radiology</i> , 2016, 13, 719-724.	1.8	10
31	CT Intensity Distribution Curve (Histogram) Analysis of Patients Undergoing Antiangiogenic Therapy for Metastatic Renal Cell Carcinoma. <i>American Journal of Roentgenology</i> , 2017, 209, W85-W92.	2.2	10
32	Opportunistic Bone Density Measurement on Abdomen and Pelvis Computed Tomography to Predict Fracture Risk in Women Aged 50 to 64 Years Without Osteoporosis Risk Factors. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 798-806.	0.9	10
33	Clinical utility of 2-D anatomic measurements in predicting cough-associated headache in Chiari I malformation. <i>Neuroradiology</i> , 2020, 62, 593-599.	2.2	9
34	Breast-Conserving Surgery Alone for Ductal Carcinoma In Situ: Factors Associated with Increased Risk of Local Recurrence. <i>Annals of Surgical Oncology</i> , 2017, 24, 1221-1226.	1.5	8
35	Patient preferences regarding use of contrast-enhanced imaging for breast cancer screening. <i>Academic Radiology</i> , 2022, 29, S229-S238.	2.5	8
36	Color Image Deblurring with Impulsive Noise. <i>Lecture Notes in Computer Science</i> , 2005, , 49-60.	1.3	8

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37	On Similarity-Invariant Fairness Measures. Lecture Notes in Computer Science, 2005, , 456-467.	1.3	7
38	Graphic Representation of Clinical Symptoms: A Tool for Improving Detection of Subtle Fractures on Foot Radiographs. American Journal of Roentgenology, 2014, 203, W429-W433.	2.2	7
39	Lumpectomy Specimen Radiography: Does Orientation or 3-Dimensional Tomosynthesis Improve Margin Assessment?. Canadian Association of Radiologists Journal, 2019, 70, 282-291.	2.0	7
40	What Is the Optimal Abdominal Aortic Aneurysm Sac Measurement on CT Images during Follow-up after Endovascular Repair?. Radiology, 2017, 285, 1032-1041.	7.3	6
41	Subspecialized radiology review at multidisciplinary pancreas conference: impact on patient management. Abdominal Radiology, 2018, 43, 2783-2789.	2.1	6
42	Split-bolus single scan CTA for evaluation of mesenteric ischemia. Abdominal Radiology, 2018, 43, 1368-1378.	2.1	6
43	Use of ring-enhancement and focal necrosis to differentiate pancreatic adenosquamous carcinoma from pancreatic ductal adenocarcinoma on CT and MRI. Clinical Imaging, 2021, 73, 134-138.	1.5	6
44	Radiology trainee and attending satisfaction with virtual readouts during the COVID-19 pandemic. Clinical Imaging, 2022, 88, 66-77.	1.5	6
45	Cancer Conspicuity on Low-energy Images of Contrast-enhanced Mammography Compared With 2D Mammography. Journal of Breast Imaging, 2022, 4, 31-38.	1.3	5
46	Enhancement Type at Contrast-enhanced Mammography and Association with Malignancy. Radiology, 2022, 305, 299-306.	7.3	5
47	Split-bolus intravenous contrast material injection vs. single-bolus injection in patients following endovascular abdominal aortic repair (EVAR). Abdominal Radiology, 2017, 42, 2551-2561.	2.1	4
48	Differentiation of pancreatic head ductal adenocarcinoma from inflammatory pancreatic pseudomass by MR cholangio-pancreatography: utility of the duct-interrupted, corona, and attraction signs. Abdominal Radiology, 2019, 44, 4048-4056.	2.1	4
49	Breast MRI ordering practices in a large health care network. Breast Journal, 2019, 25, 262-268.	1.0	4
50	Dark cortical rim: an MRI feature of polycystic ovarian syndrome. Abdominal Radiology, 2021, 46, 1148-1156.	2.1	4
51	Upgrade Rates of Pure, Radiology-Pathology Concordant Lobular Neoplasia Diagnosed on Breast Core Needle Biopsy: Is Surgical Excision Warranted?. Academic Radiology, 2022, 29, 1029-1038.	2.5	4
52	Incidence of pancreatic cancer during long-term follow-up in patients with incidental pancreatic cysts smaller than 2Åcm. European Radiology, 2022, 32, 3369-3376.	4.5	4
53	Urine sensor device for fluoroscopy time reduction in pediatric voiding cystourethrography. European Journal of Radiology, 2011, 78, 394-397.	2.6	3
54	Geometry Motivated Variational Segmentation for Color Images. , 2001, , 362-370.		3

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55	Diagnostic yield and clinical impact of microbiologic diagnosis from CT-guided drainage in patients previously treated with empiric antibiotics. <i>Abdominal Radiology</i> , 2017, 42, 298-305.	2.1	2
56	Indications for biopsy of imaging-detected intramammary and axillary lymph nodes in the absence of concurrent breast cancer. <i>Breast Journal</i> , 2018, 24, 869-875.	1.0	2
57	Diagnostic Utility of Optic Nerve Measurements with MRI in Patients with Optic Nerve Atrophy. <i>American Journal of Neuroradiology</i> , 2019, 40, 558-561.	2.4	2
58	Asymptomatic Endometrial Thickening of 8 mm or Greater on Postcontrast Computed Tomography in Postmenopausal Women Is a Predictor of Endometrial Cancer. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 136-142.	0.9	2
59	Evidence for Left Atrial Volume Being an Indicator of Adverse Events in Patients With Acute Pulmonary Embolism. <i>Journal of Thoracic Imaging</i> , 2021, Publish Ahead of Print, .	1.5	2
60	Concordance Assessment of Pathology Results with Imaging Findings after Image-Guided Biopsy. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 159-168.e1.	0.5	2
61	Calcium Score. <i>Journal of Computer Assisted Tomography</i> , 2014, 38, 434-438.	0.9	1
62	Implementing radar reflectorâ€guided localization of nonpalpable breast lesions: Feasibility, challenges, outcomes, and lessons learned. <i>Breast Journal</i> , 2021, 27, 608-611.	1.0	1
63	Role of C-reactive protein in effective utilization of emergent MRI for spinal infections. <i>Emergency Radiology</i> , 2021, 28, 573-580.	1.8	1
64	Ovarian Cystadenomas. <i>Journal of Ultrasound in Medicine</i> , 2021, , .	1.7	1
65	1412Impact of Culture Yield and Detection of Multi-Drug Resistant Organisms from CT-guided Abscess Drainage despite Prior Antibiotics. <i>Open Forum Infectious Diseases</i> , 2014, 1, S372-S372.	0.9	0
66	Targeted Patient Education: Does it Improve Outcome of Minimally Invasive Breast Biopsy?. <i>Breast Journal</i> , 2014, 20, 444-446.	1.0	0
67	Repeat Evaluation of Lung Shunt Fraction is Unnecessary: A Retrospective Observational Study of Successive Lung Shunt Fractions from Variable Arterial Distributions in Patients Undergoing Radioembolization of Primary and Secondary Liver Tumors. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 412-418.	0.5	0
68	Minimizing Radiation Dose Outliers Through Systematic Analysis, Computed Tomography Technologist Education, and Standardized System Solutions. <i>Journal of Computer Assisted Tomography</i> , 2021, 45, 78-83.	0.9	0
69	The Sonographic Appearance of Endometrial Intraepithelial Neoplasia. <i>Journal of Ultrasound in Medicine</i> , 2022, 41, 1723-1737.	1.7	0
70	Paraspinal soft tissue edema ratio: An accurate marker for early lumbar spine spondylodiscitis on an unenhanced MRI. <i>Clinical Imaging</i> , 2022, 86, 38-42.	1.5	0
71	Yield of pelvic CT in emergency department patients undergoing CT torso for generalized or multiple complaints. <i>Emergency Radiology</i> , 0, , .	1.8	0