

David D B Bates

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

951
citations

516710

16
h-index

477307

29
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52
all docs

52
docs citations

52
times ranked

1432
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Peritumoral Radiomics With Tumor Biology and Pathologic Response to Preoperative Targeted Therapy for <i>HER2</i> (ERBB2)-Positive Breast Cancer. <i>JAMA Network Open</i> , 2019, 2, e192561.	5.9	196
2	Radiomics-based prediction of microsatellite instability in colorectal cancer at initial computed tomography evaluation. <i>Abdominal Radiology</i> , 2019, 44, 3755-3763.	2.1	74
3	Novel imaging techniques of rectal cancer: what do radiomics and radiogenomics have to offer? A literature review. <i>Abdominal Radiology</i> , 2019, 44, 3764-3774.	2.1	63
4	Majority of <i>B2M</i> -Mutant and -Deficient Colorectal Carcinomas Achieve Clinical Benefit From Immune Checkpoint Inhibitor Therapy and Are Microsatellite Instability-High. <i>JCO Precision Oncology</i> , 2019, 3, 1-14.	3.0	61
5	Multidetector CT of Surgically Proven Blunt Bowel and Mesenteric Injury. <i>Radiographics</i> , 2017, 37, 613-625.	3.3	45
6	Clinical utility of radiomics at baseline rectal MRI to predict complete response of rectal cancer after chemoradiation therapy. <i>Abdominal Radiology</i> , 2020, 45, 3608-3617.	2.1	45
7	Applying User-Centered Design Methods to the Development of an mHealth Application for Use in the Hospital Setting by Patients and Care Partners. <i>Applied Clinical Informatics</i> , 2018, 09, 302-312.	1.7	35
8	MRI radiomics features of mesorectal fat can predict response to neoadjuvant chemoradiation therapy and tumor recurrence in patients with locally advanced rectal cancer. <i>European Radiology</i> , 2022, 32, 971-980.	4.5	34
9	CT imaging signs of surgically proven bowel trauma. <i>Emergency Radiology</i> , 2016, 23, 213-219.	1.8	26
10	MRI for Rectal Cancer: Staging, mrCRM, EMVI, Lymph Node Staging and Post-Treatment Response. <i>Clinical Colorectal Cancer</i> , 2022, 21, 10-18.	2.3	24
11	Use of Magnetic Resonance in Pancreaticobiliary Emergencies. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2016, 24, 433-448.	1.1	23
12	Rectal cancer lexicon: consensus statement from the society of abdominal radiology rectal & anal cancer disease-focused panel. <i>Abdominal Radiology</i> , 2019, 44, 3508-3517.	2.1	22
13	Surgical management in acute diverticulitis and its association with multi-detector CT, modified Hinchey classification, and clinical parameters. <i>Abdominal Radiology</i> , 2018, 43, 2060-2065.	2.1	21
14	FOLFICIS Treatment and Genomic Correlates of Response in Advanced Anal Squamous Cell Cancer. <i>Clinical Colorectal Cancer</i> , 2019, 18, e39-e52.	2.3	21
15	Determining Inappropriate Medication Alerts from "Inaccurate Warning" Overrides in the Intensive Care Unit. <i>Applied Clinical Informatics</i> , 2018, 09, 268-274.	1.7	20
16	Iatrogenic, blunt, and penetrating trauma to the biliary tract. <i>Abdominal Radiology</i> , 2017, 42, 28-45.	2.1	17
17	Acute Radiologic Manifestations of America's Opioid Epidemic. <i>Radiographics</i> , 2018, 38, 109-123.	3.3	17
18	Rectal cancer with complete endoscopic response after neoadjuvant therapy: what is the meaning of a positive MRI?. <i>European Radiology</i> , 2021, 31, 4731-4738.	4.5	16

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19	CT-Derived Body Composition Assessment as a Prognostic Tool in Oncologic Patients: From Opportunistic Research to Artificial Intelligence-Based Clinical Implementation. <i>American Journal of Roentgenology</i> , 2022, 219, 671-680.	2.2	16
20	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
21	Does microenema administration improve the quality of DWI sequences in rectal MRI?. <i>Abdominal Radiology</i> , 2021, 46, 858-866.	2.1	15
22	Diagnosing acute appendicitis using a nonoral contrast CT protocol in patients with a BMI of less than 25. <i>Emergency Radiology</i> , 2016, 23, 455-462.	1.8	14
23	Suboptimal CT pulmonary angiography in the emergency department: a retrospective analysis of outcomes in a large academic medical center. <i>Emergency Radiology</i> , 2016, 23, 603-607.	1.8	12
24	Complete mesocolic excision and central vascular ligation for right colon cancer: an introduction for abdominal radiologists. <i>Abdominal Radiology</i> , 2019, 44, 3518-3526.	2.1	12
25	Diagnostic accuracy of b800 and b1500 DWI-MRI of the pelvis to detect residual rectal adenocarcinoma: a multi-reader study. <i>Abdominal Radiology</i> , 2020, 45, 293-300.	2.1	12
26	Systemic Chemotherapy for Metastatic Colitis-Associated Cancer Has a Worse Outcome Than Sporadic Colorectal Cancer: Matched Case Cohort Analysis. <i>Clinical Colorectal Cancer</i> , 2020, 19, e151-e156.	2.3	11
27	Pelvic MRI after induction chemotherapy and before long-course chemoradiation therapy for rectal cancer: What are the imaging findings?. <i>European Radiology</i> , 2019, 29, 1733-1742.	4.5	9
28	Measurement of rectal tumor height from the anal verge on MRI: a comparison of internal versus external anal sphincter. <i>Abdominal Radiology</i> , 2021, 46, 867-872.	2.1	8
29	Quality control of radiomic features using 3D-printed CT phantoms. <i>Journal of Medical Imaging</i> , 2021, 8, 033505.	1.5	8
30	Evaluation of diffusion kurtosis and diffusivity from baseline staging MRI as predictive biomarkers for response to neoadjuvant chemoradiation in locally advanced rectal cancer. <i>Abdominal Radiology</i> , 2019, 44, 3701-3708.	2.1	7
31	Comparison of Multimaterial Decomposition Fat Fraction with DECT and Proton Density Fat Fraction with IDEAL IQ MRI for Quantification of Liver Steatosis in a Population Exposed to Chemotherapy. <i>Dose-Response</i> , 2021, 19, 155932582098493.	1.6	7
32	Sickle cell disease and venous thromboembolism: A retrospective comparison of the rate of positive CT pulmonary angiography in the emergency department. <i>European Journal of Radiology</i> , 2019, 110, 256-259.	2.6	5
33	Use of a portable computed tomography scanner for chest imaging of COVID-19 patients in the urgent care at a tertiary cancer center. <i>Emergency Radiology</i> , 2020, 27, 597-600.	1.8	5
34	Abdominal imaging findings on computed tomography in patients acutely infected with SARS-CoV-2: what are the findings?. <i>Emergency Radiology</i> , 2021, 28, 1087-1096.	1.8	5
35	Biliary and pancreatic ductal dilation in patients on methadone maintenance therapy. <i>Abdominal Radiology</i> , 2017, 42, 884-889.	2.1	4
36	Splenic findings in patients with acute babesiosis. <i>Abdominal Radiology</i> , 2020, 45, 710-715.	2.1	4

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37	Detecting Spurious Correlations With Sanity Tests for Artificial Intelligence Guided Radiology Systems. <i>Frontiers in Digital Health</i> , 2021, 3, 671015.	2.8	4
38	Beyond adenocarcinoma: MRI of uncommon rectal neoplasms and mimickers. <i>Abdominal Radiology</i> , 2019, 44, 3581-3594.	2.1	3
39	Baseline MR Staging of Rectal Cancer: A Practical Approach. <i>Seminars in Roentgenology</i> , 2021, 56, 164-176.	0.6	3
40	Bone lesions on baseline staging rectal MRI: prevalence and significance in patients with rectal adenocarcinoma. <i>Abdominal Radiology</i> , 2021, 46, 2423-2431.	2.1	3
41	Meaningful words in rectal MRI synoptic reports: How "œpolypoid" may be prognostic. <i>Clinical Imaging</i> , 2021, 80, 371-376.	1.5	3
42	Intra-scar perfusion heterogeneity by cardiac magnetic resonance in a porcine model of non-reperused myocardial infarction. <i>International Journal of Cardiology</i> , 2014, 176, 1288-1289.	1.7	1
43	Initial evaluation of dual-energy computed tomography as an imaging biomarker for hepatic metastases from neuroendocrine tumor of the gastrointestinal tract. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2085-2092.	2.0	1
44	Multi-practice survey on MR imaging practice patterns in rectal cancer in the United States. <i>Abdominal Radiology</i> , 2022, 47, 28-37.	2.1	1
45	Occurrence of peritoneal carcinomatosis in patients with rectal cancer undergoing staging pelvic MRI: clinical observations. <i>European Radiology</i> , 2022, , 1.	4.5	1
46	Deep Learning and Domain-Specific Knowledge to Segment the Liver from Synthetic Dual Energy CT Iodine Scans. <i>Diagnostics</i> , 2022, 12, 672.	2.6	1
47	Pancreatic neuroendocrine neoplasms: a 2022 update for radiologists. <i>Abdominal Radiology</i> , 2022, , 1.	2.1	1
48	Dual-Energy CT in Patients with an Acute Abdomen. , 2018, , 23-41.		0
49	Concept of Complete Mesocolic Excision and the Role of Computed Tomography Imaging. <i>Seminars in Roentgenology</i> , 2021, 56, 201-205.	0.6	0
50	Evaluation of cancer outcome assessment using MRI: A review of deep-learning methods. <i>BJR Open</i> , 2022, 4, .	0.6	0