

James H Thrall

List of Publications by Year in descending order

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76
papers

3,739
citations

172457

29
h-index

128289

60
g-index

79
all docs

79
docs citations

79
times ranked

3713
citing authors

#	ARTICLE	IF	CITATIONS
1	Addressing Overutilization in Medical Imaging. <i>Radiology</i> , 2010, 257, 240-245.	7.3	472
2	Artificial Intelligence and Machine Learning in Radiology: Opportunities, Challenges, Pitfalls, and Criteria for Success. <i>Journal of the American College of Radiology</i> , 2018, 15, 504-508.	1.8	445
3	Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. <i>Radiology</i> , 2011, 258, 889-905.	7.3	272
4	Effect of Computerized Order Entry with Integrated Decision Support on the Growth of Outpatient Procedure Volumes: Seven-year Time Series Analysis. <i>Radiology</i> , 2009, 251, 147-155.	7.3	252
5	Biomarkers in Imaging: Realizing Radiology's Future. <i>Radiology</i> , 2003, 227, 633-638.	7.3	148
6	Solitary Abnormalities in Bone Scans of Patients with Extrasosseous Malignancies. <i>Radiology</i> , 1976, 121, 663-667.	7.3	138
7	Clinical Comparison of Standard-Dose and 50% Reduced-Dose Abdominal CT: Effect on Image Quality. <i>American Journal of Roentgenology</i> , 2002, 179, 1101-1106.	2.2	138
8	Multi-Detector Row CT: Radiation Dose Characteristics. <i>Radiology</i> , 2003, 226, 762-772.	7.3	135
9	Radiology Order Entry With Decision Support: Initial Clinical Experience. <i>Journal of the American College of Radiology</i> , 2006, 3, 799-806.	1.8	135
10	Recommendations for Additional Imaging in Radiology Reports: Multifactorial Analysis of 5.9 Million Examinations. <i>Radiology</i> , 2009, 253, 453-461.	7.3	122
11	Application of Recently Developed Computer Algorithm for Automatic Classification of Unstructured Radiology Reports: Validation Study. <i>Radiology</i> , 2005, 234, 323-329.	7.3	111
12	Increasing the Appropriateness of Outpatient Imaging: Effects of a Barrier to Ordering Low-Yield Examinations. <i>Radiology</i> , 2010, 255, 842-849.	7.3	89
13	Nanotechnology and Medicine. <i>Radiology</i> , 2004, 230, 315-318.	7.3	79
14	Comparison of image quality between conventional and low-dose nonenhanced head CT. <i>American Journal of Neuroradiology</i> , 2004, 25, 533-8.	2.4	74
15	Trends in Thoracic Radiology Over a Decade at a Large Academic Medical Center. <i>Journal of Thoracic Imaging</i> , 2004, 19, 164-170.	1.5	64
16	The Empirical Foundations of Teleradiology and Related Applications: A Review of the Evidence. <i>Telemedicine Journal and E-Health</i> , 2016, 22, 868-898.	2.8	61
17	Quality and Safety Revolution in Health Care. <i>Radiology</i> , 2004, 233, 3-6.	7.3	57
18	Prevalence and Costs of Chronic Disease in a Health Care System Structured for Treatment of Acute Illness. <i>Radiology</i> , 2005, 235, 9-12.	7.3	56

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19	Strategies for Managing Imaging Utilization. Journal of the American College of Radiology, 2009, 6, 844-850.	1.8	56
20	Radiation Exposure in CT Scanning and Risk: Where Are We?. Radiology, 2012, 264, 325-328.	7.3	53
21	Does Radiologist Recommendation for Follow-up with the Same Imaging Modality Contribute Substantially to High-Cost Imaging Volume?. Radiology, 2007, 242, 857-864.	7.3	48
22	Patients Imaged Early During Admission Demonstrate Reduced Length of Hospital Stay: A Retrospective Cohort Study of Patients Undergoing Cross-Sectional Imaging. Journal of the American College of Radiology, 2010, 7, 269-276.	1.8	45
23	Saul Hertz, MD, and the birth of radionuclide therapy. EJNMMI Physics, 2017, 4, 15.	2.7	43
24	Consensus-Oriented Group Peer Review: A New Process to Review Radiologist Work Output. Journal of the American College of Radiology, 2014, 11, 131-138.	1.8	40
25	Personalized Medicine. Radiology, 2004, 231, 613-616.	7.3	36
26	Decision Support for Radiologist Report Recommendations. Journal of the American College of Radiology, 2011, 8, 819-823.	1.8	35
27	Deep learning-enabled system for rapid pneumothorax screening on chest CT. European Journal of Radiology, 2019, 120, 108692.	2.6	34
28	When Does a Radiologist's Recommendation for Follow-up Result in High-Cost Imaging?. Radiology, 2012, 262, 544-549.	7.3	30
29	Trends and Developments Shaping the Future of Diagnostic Medical Imaging: 2015 Annual Oration in Diagnostic Radiology. Radiology, 2016, 279, 660-666.	7.3	30
30	Key Performance Indicators in Radiology: You Can't Manage What You Can't Measure. Current Problems in Diagnostic Radiology, 2016, 45, 115-121.	1.4	27
31	Appropriateness and Imaging Utilization. Academic Radiology, 2014, 21, 1083-1087.	2.5	24
32	Moreton Lecture: Imaging in the Age of Precision Medicine. Journal of the American College of Radiology, 2015, 12, 1106-1111.	1.8	24
33	The Emerging Role of Pay-for-Performance Contracting for Health Care Services. Radiology, 2004, 233, 637-640.	7.3	23
34	Diagnostic Emergency Imaging Utilization at an Academic Trauma Center From 1996 to 2012. Journal of the American College of Radiology, 2015, 12, 467-474.	1.8	23
35	Skeletal Scintigraphy Following Incidental Trauma. Radiology, 1979, 130, 447-451.	7.3	21
36	Radiology Mentoring Program for Early Career Faculty—Implementation and Outcomes. Journal of the American College of Radiology, 2021, 18, 451-456.	1.8	21

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37	Rethinking the Approach to Artificial Intelligence for Medical Image Analysis: The Case for Precision Diagnosis. <i>Journal of the American College of Radiology</i> , 2021, 18, 174-179.	1.8	16
38	Building Research Programs in Diagnostic Radiology Part III. Clinical and Translational Research. <i>Radiology</i> , 2007, 243, 5-9.	7.3	14
39	Changing Relationships between Radiologists and Hospitals Part I. Background and Major Issues. <i>Radiology</i> , 2007, 245, 633-637.	7.3	14
40	Teleradiology: Two-Edged Sword or Friend of Radiology Practice?. <i>Journal of the American College of Radiology</i> , 2009, 6, 73-75.	1.8	13
41	Business Intelligence, Data Mining, and Future Trends. <i>Journal of the American College of Radiology</i> , 2015, 12, 9-11.	1.8	13
42	Utilization Management of High-Cost Imaging in an Outpatient Setting in a Large Stable Patient and Provider Cohort over 7 Years. <i>Radiology</i> , 2017, 284, 766-776.	7.3	13
43	Pointers for Optimizing Radiation Dose in Pediatric CT Protocols. <i>Journal of the American College of Radiology</i> , 2012, 9, 77-79.	1.8	12
44	The Invisible Radiologist: An Address to a Residency Graduating Class. <i>Journal of the American College of Radiology</i> , 2013, 10, 153-155.	1.8	10
45	Comparison of Productivity and Cost of Full-Time and Part-Time Faculty Members in an Academic Department of Radiology. <i>Journal of the American College of Radiology</i> , 2006, 3, 335-339.	1.8	9
46	Radiation Exposure: Politics and Opinion vs Science and Pragmatism. <i>Journal of the American College of Radiology</i> , 2009, 6, 133-134.	1.8	9
47	US Preventive Services Task Force Recommendations for Screening Mammography: Evidence-Based Medicine or the Death of Science?. <i>Journal of the American College of Radiology</i> , 2010, 7, 2-4.	1.8	9
48	Utilization of Imaging: Challenges and Opportunities. <i>Journal of the American College of Radiology</i> , 2009, 6, 287-288.	1.8	7
49	Data Mining, Knowledge Creation, and Work Process Enhancement in the Second Generation of Radiology's Digital Age. <i>Journal of the American College of Radiology</i> , 2013, 10, 161-162.	1.8	7
50	Marketing Radiology Services: Strategies, Tactics, and Experience. <i>Journal of the American College of Radiology</i> , 2020, 17, 148-151.	1.8	6
51	Reinventing Radiology in a Digital and Molecular Age: Summary of Proceedings of the Sixth Biannual Symposium of the International Society for Strategic Studies in Radiology (ISR), August 25-27, 2005. <i>Radiology</i> , 2007, 244, 633-638.	7.3	5
52	Analysis of Low Appropriateness Score Exam Trends in Decision Support-based Radiology Order Entry System. <i>Journal of the American College of Radiology</i> , 2017, 14, 615-621.	1.8	5
53	Use of Imaging Appropriateness Criteria for Decision Support During Radiology Order Entry: The MGH Experience. , 2014, , 123-141.		5
54	Education and Cultural Development of the Health Care Work Force Part I. The Health Professions. <i>Radiology</i> , 2006, 239, 621-625.	7.3	4

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55	Balancing mission and money in academic medicine. <i>Academic Radiology</i> , 2003, 10, 1185-1186.	2.5	3
56	Drivers of Health Care Costs: Technology vs Social, Legal, and Behavioral Factors. <i>Journal of the American College of Radiology</i> , 2009, 6, 387-388.	1.8	3
57	Navigating Health Care Reform. <i>Journal of the American College of Radiology</i> , 2009, 6, 603-604.	1.8	3
58	When Vision Prevails: A History of the International Society for Strategic Studies in Radiology. <i>Journal of the American College of Radiology</i> , 2015, 12, 1112-1114.	1.8	3
59	Addressing Burnout: A Model-Based Approach. <i>Journal of the American College of Radiology</i> , 2021, 18, 669-674.	1.8	3
60	RADPAC® and the Importance of Government Relations. <i>Journal of the American College of Radiology</i> , 2008, 5, 1165-1166.	1.8	2
61	The ACR Education Center and 21st Century Radiology. <i>Journal of the American College of Radiology</i> , 2008, 5, 783-784.	1.8	2
62	The ACR Practice Leaders Meeting. <i>Journal of the American College of Radiology</i> , 2009, 6, 821-822.	1.8	2
63	Progress and Complexity for the Next Century. <i>American Journal of Roentgenology</i> , 2000, 174, 1509-1510.	2.2	1
64	Leadership and Organizational Development: Lessons from the USS Constitution and the Age of Fighting Sail. <i>Radiology</i> , 2006, 239, 5-9.	7.3	1
65	Commentary on "Are We Really Practicing Medicine Today?" <i>Radiology</i> , 2007, 245, 331-332.	7.3	1
66	Framing the Issues. <i>Journal of the American College of Radiology</i> , 2008, 5, 687-688.	1.8	1
67	One Patient at a Time. <i>Journal of the American College of Radiology</i> , 2009, 6, 735-736.	1.8	1
68	Activities of the ACR Intersociety Committee. <i>Journal of the American College of Radiology</i> , 2009, 6, 219-220.	1.8	1
69	ACR Registries Serve Multiple Purposes. <i>Journal of the American College of Radiology</i> , 2009, 6, 663-665.	1.8	1
70	ACR International Outreach Activities. <i>Journal of the American College of Radiology</i> , 2008, 5, 943-944.	1.8	0
71	Health Reform and Imaging. <i>Journal of the American College of Radiology</i> , 2009, 6, 2-3.	1.8	0
72	Health Care Reform in the Postrecession Economy. <i>Journal of the American College of Radiology</i> , 2010, 7, 239-240.	1.8	0

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73	Medical Value vs Cost and Risk: Redux. Journal of the American College of Radiology, 2010, 7, 81-82.	1.8	0
74	Misinterpretation of ¹⁸ F-FDG Studies in Oncology. Journal of Nuclear Medicine, 2015, 56, 494.1-494.	5.0	0
75	Onboarding of New Radiology Department Chairmen. Journal of the American College of Radiology, 2019, 16, 1720-1722.	1.8	0
76	Leading Leaders: Principles, Opportunities, and Challenges. Journal of the American College of Radiology, 2021, 18, 1581-1584.	1.8	0