

David B Larson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,151
citations

16
h-index

33
g-index

50
ext. papers

1,583
ext. citations

6.5
avg, IF

5.03
L-index

#	Paper	IF	Citations
48	Increasing the Utilization of Moderate Sedation Services for Pediatric Imaging. <i>Radiographics</i> , 2021 , 41, 2127-2135	5.4	1
47	Optimizing Professional Practice Evaluation to Enable a Nonpunitive Learning Health System Approach to Peer Review. <i>Pediatric Quality & Safety</i> , 2021 , 6, e375	1	2
46	Prospective Deployment of Deep Learning in MRI: A Framework for Important Considerations, Challenges, and Recommendations for Best Practices. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 357-371	5.6	15
45	Recognizing and Avoiding the Most Common Mistakes in Quality Improvement. <i>Journal of the American College of Radiology</i> , 2021 , 18, 511-513	3.5	1
44	Program for Supporting Frontline Improvement Projects in an Academic Radiology Department. <i>American Journal of Roentgenology</i> , 2021 , 217, 235-244	5.4	0
43	Needs of Referring Providers by Practice Type: Results of a Survey at an Academic Medical Center. <i>American Journal of Roentgenology</i> , 2021 , 216, 216-224	5.4	1
42	Regulatory Frameworks for Development and Evaluation of Artificial Intelligence-Based Diagnostic Imaging Algorithms: Summary and Recommendations. <i>Journal of the American College of Radiology</i> , 2021 , 18, 413-424	3.5	24
41	CT Volumes from 2,398 Radiology Practices in the United States: A Real-Time Indicator of the Effect of COVID-19 on Routine Care, January to September 2020. <i>Journal of the American College of Radiology</i> , 2021 , 18, 380-387	3.5	5
40	Critical Results in Radiology: Defined by Clinical Judgment or by a List?. <i>Journal of the American College of Radiology</i> , 2021 , 18, 294-297	3.5	1
39	Artificial Intelligence Algorithm Improves Radiologist Performance in Skeletal Age Assessment: A Prospective Multicenter Randomized Controlled Trial. <i>Radiology</i> , 2021 , 301, 692-699	20.5	7
38	Variables Influencing Radiology Volume Recovery During the Next Phase of the Coronavirus Disease 2019 (COVID-19) Pandemic. <i>Journal of the American College of Radiology</i> , 2020 , 17, 855-864	3.5	22
37	Ethics of Using and Sharing Clinical Imaging Data for Artificial Intelligence: A Proposed Framework. <i>Radiology</i> , 2020 , 295, 675-682	20.5	44
36	Transitioning From Peer Review to Peer Learning: Report of the 2020 Peer Learning Summit. <i>Journal of the American College of Radiology</i> , 2020 , 17, 1499-1508	3.5	10
35	Deep learning to automate Brasfield chest radiographic scoring for cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 131-138	4.1	14
34	Quality and safety in pediatric radiology. <i>Pediatric Radiology</i> , 2019 , 49, 431-432	2.8	1
33	Imaging Quality Control in the Era of Artificial Intelligence. <i>Journal of the American College of Radiology</i> , 2019 , 16, 1259-1266	3.5	15
32	Measuring Diagnostic Radiologists: What Measurements Should We Use?. <i>Journal of the American College of Radiology</i> , 2019 , 16, 333-335	3.5	9

31	Improving Automated Pediatric Bone Age Estimation Using Ensembles of Models from the 2017 RSNA Machine Learning Challenge. <i>Radiology: Artificial Intelligence</i> , 2019 , 1, e190053	8.7	24
30	Improving Performance of Mammographic Breast Positioning in an Academic Radiology Practice. <i>American Journal of Roentgenology</i> , 2018 , 210, 807-815	5.4	8
29	Practical Suggestions on How to Move From Peer Review to Peer Learning. <i>American Journal of Roentgenology</i> , 2018 , 210, 578-582	5.4	27
28	Improving and Maintaining Radiologic Technologist Skill Using a Medical Director Partnership and Technologist Coaching Model. <i>American Journal of Roentgenology</i> , 2018 , 211, 986-992	5.4	3
27	Deep Learning to Classify Radiology Free-Text Reports. <i>Radiology</i> , 2018 , 286, 845-852	20.5	105
26	Performance of a Deep-Learning Neural Network Model in Assessing Skeletal Maturity on Pediatric Hand Radiographs. <i>Radiology</i> , 2018 , 287, 313-322	20.5	206
25	Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet. <i>PLoS Medicine</i> , 2018 , 15, e1002699	11.6	197
24	Re: "Reducing Variability of Radiation Dose in CT". <i>Journal of the American College of Radiology</i> , 2018 , 15, 1669-1670	3.5	
23	Strategies for Implementing a Standardized Structured Radiology Reporting Program. <i>Radiographics</i> , 2018 , 38, 1705-1716	5.4	11
22	Strategies for Radiology to Thrive in the Value Era. <i>Radiology</i> , 2018 , 289, 3-7	20.5	10
21	Understanding and Applying the Concept of Value Creation in Radiology. <i>Journal of the American College of Radiology</i> , 2017 , 14, 549-557	3.5	9
20	Improving efficiency in the radiology department. <i>Pediatric Radiology</i> , 2017 , 47, 783-792	2.8	18
19	Decreasing Stroke Code to CT Time in Patients Presenting with Stroke Symptoms. <i>Radiographics</i> , 2017 , 37, 1559-1568	5.4	6
18	Peer Feedback, Learning, and Improvement: Answering the Call of the Institute of Medicine Report on Diagnostic Error. <i>Radiology</i> , 2017 , 283, 231-241	20.5	73
17	The Role of Radiology in the Diagnostic Process: Information, Communication, and Teamwork. <i>American Journal of Roentgenology</i> , 2017 , 209, 992-1000	5.4	10
16	Realizing Improvement through Team Empowerment (RITE): A Team-based, Project-based Multidisciplinary Improvement Program. <i>Radiographics</i> , 2016 , 36, 2170-2183	5.4	19
15	The Use of Patient and Family Advisory Councils to Improve Patient Experience in Radiology. <i>American Journal of Roentgenology</i> , 2016 , 207, 965-970	5.4	3
14	Conducting a Successful Practice Quality Improvement Project for American Board of Radiology Certification. <i>Radiographics</i> , 2015 , 35, 1643-51	5.4	14

13	Appendiceal ultrasound: the importance of conveying probability of disease. <i>Pediatric Radiology</i> , 2015 , 45, 1930-1	2.8	5
12	Root Cause Analysis: Learning from Adverse Safety Events. <i>Radiographics</i> , 2015 , 35, 1655-67	5.4	30
11	Communicating Potential Radiation-Induced Cancer Risks From Medical Imaging Directly to Patients. <i>American Journal of Roentgenology</i> , 2015 , 205, 962-70	5.4	54
10	Key Concepts of Patient Safety in Radiology. <i>Radiographics</i> , 2015 , 35, 1677-93	5.4	33
9	Tackling the problem of error in diagnostic radiology. <i>Pediatric Radiology</i> , 2015 , 45, 790-2	2.8	2
8	Toward Large-Scale Process Control to Enable Consistent CT Radiation Dose Optimization. <i>American Journal of Roentgenology</i> , 2015 , 204, 959-66	5.4	11
7	Added Value of Radiologist Consultation for Pediatric Ultrasound: Implementation and Survey Assessment. <i>American Journal of Roentgenology</i> , 2015 , 205, 822-6	5.4	5
6	Project Management for Quality Improvement in Radiology. <i>American Journal of Roentgenology</i> , 2015 , 205, W470-7	5.4	11
5	Communication in diagnostic radiology: meeting the challenges of complexity. <i>American Journal of Roentgenology</i> , 2014 , 203, 957-64	5.4	36
4	Optimizing CT radiation dose based on patient size and image quality: the size-specific dose estimate method. <i>Pediatric Radiology</i> , 2014 , 44 Suppl 3, 501-5	2.8	14
3	Pediatric CT quality management and improvement program. <i>Pediatric Radiology</i> , 2014 , 44 Suppl 3, 519-24	2.8	6
2	Guide to effective quality improvement reporting in radiology. <i>Radiology</i> , 2014 , 271, 561-73	20.5	11
1	Beginner's guide to practice quality improvement using the model for improvement. <i>Journal of the American College of Radiology</i> , 2014 , 11, 1131-6	3.5	18