



David Larson

Professor of Radiology (Pediatric Radiology)

Radiology - Pediatric Radiology

CLINICAL OFFICE (PRIMARY)

- **Center for Academic Medicine Department of Radiology**

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Bio

BIO

David B. Larson, MD, MBA, is Professor of Radiology (Pediatric Radiology) in the Department of Radiology at Stanford University. His career is focused on managing and improving complex sociotechnical healthcare systems to drive continuous operational improvement for the benefit of patients and clinicians. His research and leadership activities span the sociotechnical spectrum, from the development of process control systems that optimize CT radiation dose to transitioning the field of radiology from "peer review" toward "peer learning" to foster a more collaborative and constructive work environment.

He has founded and directed numerous improvement programs at Stanford and beyond, including Stanford's Realizing Improvement through Team Empowerment (RITE) program, the Clinical Effectiveness Leadership Training (CELT) (program co-founder), Stanford Medicine's Improvement Capability Development Program (ICDP), and the Stanford Medicine Center for Improvement's (SMCI's) Advanced Course in Improvement Science (ACIS). He is also the founder and co-director of the American College of Radiology's (ACR's) Learning Network, its various Improvement Collaboratives, and the ImPower improvement training and project support program.

Dr. Larson served for over 10 years in various senior leadership roles in the Stanford Department of Radiology, including Associate Chair for Performance Improvement, Vice Chair for Education and Clinical Operations, Executive Vice Chair, and Acting Chair. He currently serves as the Director of the Stanford Radiology AI Development and Evaluation (AIDE) Lab. He also serves as the Medical Director of Performance Improvement at Stanford Health Care.

Dr. Larson has applied his experience to advance the thinking and application of systematic improvement methods in the field of radiology. He is the founder and program chair for the annual Radiology Improvement Summit held annually at Stanford, which began in 2016. He serves on the Board of Trustees of the American Board of Radiology, overseeing quality and safety, and recently completed a 6-year term on the Board of Chancellors for the

American College of Radiology as the chair of the ACR's Commission on Quality and Safety. He currently serves as the Vice President of the American College of Radiology.

Prior to his position at Stanford, Dr. Larson was the Janet L. Strife Chair for Quality and Safety in Radiology and a faculty member of the James M. Anderson Center for Health Systems Excellence at Cincinnati Children's Hospital in Cincinnati, Ohio. He holds MD and MBA degrees from Yale University and completed his pediatric internship and radiology residency and fellowship at the University of Colorado Health Sciences Center in Denver, Colorado. Dr. Larson practices clinically at Lucile Packard Children's Hospital at Stanford.

CLINICAL FOCUS

- Pediatric Radiology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Radiology - Pediatric Radiology
- Member, Wu Tsai Human Performance Alliance

ADMINISTRATIVE APPOINTMENTS

- Director, AI Development and Evaluation (AIDE) Lab, (2023- present)

PROFESSIONAL EDUCATION

- Medical Education: Yale School Of Medicine (2002) CT
- MBA, Yale University School of Management , CT (2002)
- Internship: University of Colorado Pediatric Residency (2003) CO
- Residency: University of Colorado Radiology Residency (2007) CO
- Fellowship: University of Colorado Pediatric Fellowship (2008) CO
- Board Certification: Diagnostic Radiology, American Board of Radiology (2007)
- Board Certification: Pediatric Radiology, American Board of Radiology (2010)

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Bonnie Armstrong

Postdoctoral Research Mentor

Magdalini Paschali

Publications

PUBLICATIONS

- **Use of Pediatric Imaging is Increasing Again. Now What?** *Hospital pediatrics*
Larson, D. B.
2026
- **Reply to "Alert Burden and Multivendor Interactions: Missing Dimensions in Radiology Artificial Intelligence Predeployment Evaluation".** *AJR. American journal of roentgenology*
Larson, D. B., Poff, J. A.
2026

- **Design for Understanding: How Format Influences Comprehension and Confidence in AI-Generated Patient-Friendly Radiology Reports.** *Journal of the American College of Radiology : JACR*
Armstrong, B. A., Fang, Z., Johnston, A., Chang, M., Koirala, A., Na, H. S., Gonzalez, C., Larson, D. B.
2026
- **Predicting the Value of Radiology Artificial Intelligence Applications: Large-Scale Predeployment Evaluation of a Portfolio of Models.** *AJR. American journal of roentgenology*
Larson, D. B., Poff, J. A., Krishnan, S., Avondo, J., Armstrong, B. A., Na, H. S., Chaudhari, A., Kottler, N.
2026
- **Improving Prostate MRI: Lessons Learned from the American College of Radiology's Prostate MR Image Quality Improvement Collaborative.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
Puryrsko, A. S., Garcia-Tomkins, K., Zacharias-Andrews, K., Bittencourt, L. K., Giganti, F., Turkbey, B., Costa, D., Gupta, R. T., Bhargavan-Chatfield, M., Larson, D. B.
2026; 46 (1): e250094
- **The ACR Medical Image Quality Assessment System (MIQAS): A Unified Approach to Image Quality Assessment in Radiology.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Kazerooni, E. A., Wandtke, B. C., Amurao, M., Davenport, M. S., Newell, M. S., Pittman, S. M., Puryrsko, A. S., Scuderi, A. J., Bhargavan-Chatfield, M.
2025
- **Reply.** *Journal of the American College of Radiology : JACR*
Shinagare, A. B., Shankar, P. R., Chernyak, V., Woolen, S. A., Herts, B. R., Azene, E. M., Mitchell, D. G., Rosenkrantz, A. B., Raghavan, K., Karmazyn, B., Kadom, N., Zafar, H. M., Bhosale, et al
2025
- **Automated real-time assessment of intracranial hemorrhage detection AI using an ensembled monitoring model (EMM).** *NPJ digital medicine*
Fang, Z., Johnston, A., Cheuy, L. Y., Na, H. S., Paschali, M., Gonzalez, C., Armstrong, B. A., Koirala, A., Laurel, D., Campion, A. W., Iv, M., Chaudhari, A. S., Larson, et al
2025; 8 (1): 608
- **Evaluation of four learning collaboratives for improving diagnostic excellence in radiology.** *Learning health systems*
Holdsworth, L. M., Mui, H. Z., Tomkins, K. G., Zacharias-Andrews, K., Bhargavan-Chatfield, M., Winget, M., Larson, D.
2025; 9 (4): e70035
- **Evaluation of four learning collaboratives for improving diagnostic excellence in radiology** *LEARNING HEALTH SYSTEMS*
Holdsworth, L. M., Mui, H. Z., Tomkins, K., Zacharias-Andrews, K., Bhargavan-Chatfield, M., Winget, M., Larson, D.
2025
- **Communicating diagnostic certainty in radiology reports: Potential frameworks from the American College of Radiology Commission on Quality and Safety.** *Journal of the American College of Radiology : JACR*
Shinagare, A. B., Shankar, P. R., Chernyak, V., Woolen, S. A., Herts, B. R., Azene, E. M., Mitchell, D. G., Rosenkrantz, A. B., Raghavan, K., Karmazyn, B., Kadom, N., Zafar, H. M., Bhosale, et al
2025
- **The ACR Learning Network Recommendations Follow-Up Improvement Collaborative: Ensuring Quality Surveillance of Pulmonary Nodules.** *Journal of the American College of Radiology : JACR*
Wandtke, B., Szekeres, D., Tomkins, K. G., Zacharias-Andrews, K., Hall, K., Stephen, S. J., Chatfield, M., Larson, D.
2025
- **Automated Real-time Assessment of Intracranial Hemorrhage Detection AI Using an Ensembled Monitoring Model (EMM).** *Research square*
Fang, Z., Johnston, A., Cheuy, L., Na, H. S., Paschali, M., Gonzalez, C., Armstrong, B. A., Koirala, A., Laurel, D., Campion, A. W., Iv, M., Chaudhari, A. S., Larson, et al
2025
- **The Road Map for ACR Practice Accreditation for Radiology Artificial Intelligence.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Bhargavan-Chatfield, M., Tilkin, M., Coombs, L., Wald, C.
2025

- **Expert panel on monitoring radiation doses from recurrent medical diagnostic procedures: Sixth Gilbert W. Beebe Webinar.** *Journal of applied clinical medical physics*
Frush, D. P., Ansari, A., Brink, J. A., Kostli, O., Larson, D. B., Linet, M. S., Mahesh, M., Sechopoulos, I., Vassileva, J.
2025: e70022
- **Assessing Completeness of Clinical Histories Accompanying Imaging Orders Using Adapted Open-Source and Closed-Source Large Language Models.** *Radiology*
Larson, D. B., Koirala, A., Cheuy, L. Y., Paschali, M., Van Veen, D., Na, H. S., Petterson, M. B., Fang, Z., Chaudhari, A. S.
2025; 314 (2): e241051
- **Developing a Research Center for Artificial Intelligence in Medicine.** *Mayo Clinic proceedings. Digital health*
Langlotz, C. P., Kim, J., Shah, N., Lungren, M. P., Larson, D. B., Datta, S., Li, F. F., O'Hara, R., Montine, T. J., Harrington, R. A., Gold, G. E.
2024; 2 (4): 677-686
- **Ranking the Relative Importance of Image Quality Features in CT by Consensus Survey.** *Journal of the American College of Radiology : JACR*
Gress, D. A., Samei, E., Frush, D. P., Pelzl, C. E., Fletcher, J. G., Mahesh, M., Larson, D. B., Bhargavan-Chatfield, M.
2024
- **Ethical Considerations in the Design and Conduct of Clinical Trials of Artificial Intelligence.** *JAMA network open*
Youssef, A., Nichol, A. A., Martinez-Martin, N., Larson, D. B., Abramoff, M., Wolf, R. M., Char, D.
2024; 7 (9): e2432482
- **Invited Commentary: Understanding and Addressing Cognitive Biases in Radiology.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
Larson, D. B.
2024; 44 (7): e230244
- **The ACR Mammography Positioning Improvement Collaborative: A Multi-Center Improvement Program within a Learning Network Framework.** *Journal of the American College of Radiology : JACR*
Pittman, S. M., Zacharias-Andrews, K., Tomkins, K. G., Bhargavan-Chatfield, M., Larson, D. B.
2024
- **Improving Prostate MR Image Quality in Practice - Initial results from the ACR Prostate MR Image Quality Improvement Collaborative.** *Journal of the American College of Radiology : JACR*
Puryrsko, A. S., Zacharias-Andrews, K., Tomkins, K. G., Turkbey, I. B., Giganti, F., Bhargavan-Chatfield, M., Larson, D. B., ACR Prostate MR Image Quality Improvement Collaborative, Weinreb, J., Tempany, C., Smith, C., Hester, A., Chang, K., et al
2024
- **Proceedings from the 2022 ACR-RSNA Workshop on Safety, Effectiveness, Reliability, and Transparency in AI.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Doo, F. X., Allen, B., Mongan, J., Flanders, A. E., Wald, C.
2024
- **A Vision for Global CT Radiation Dose Optimization.** *Journal of the American College of Radiology : JACR*
Larson, D. B.
2024
- **Perceptions of Data Set Experts on Important Characteristics of Health Data Sets Ready for Machine Learning: A Qualitative Study.** *JAMA network open*
Ng, M. Y., Youssef, A., Miner, A. S., Sarellano, D., Long, J., Larson, D. B., Hernandez-Boussard, T., Langlotz, C. P.
2023; 6 (12): e2345892
- **Organizational Factors in Clinical Data Sharing for Artificial Intelligence in Health Care.** *JAMA network open*
Youssef, A., Ng, M. Y., Long, J., Hernandez-Boussard, T., Shah, N., Miner, A., Larson, D., Langlotz, C. P.
2023; 6 (12): e2348422
- **Sustaining Mammography Image Quality With a Technologist Coaching Program in the Era of the Enhancing Quality Using the Inspection Program (EQUIP).** *Journal of breast imaging*
Kozlov, A., Larson, D., DeMartini, W. B., Pal, S., Cowart, P., Strain, A., Ikeda, D. M.
2023; 5 (6): 675-684

- **Establishing a Point-of-Care Ultrasound (POCUS) Program: An Institutional Approach for Developing a POCUS Program Infrastructure.** *Journal of the American College of Radiology : JACR*
Shen, L., Lobo, V. E., Cordova, D., Larson, D. B., Kamaya, A.
2023
- **Leveraging Quality Improvement Principles for Radiology Sustainability: Bridging Advocacy and Action.** *Journal of the American College of Radiology : JACR*
Woolen, S. A., Larson, D. B., Lewis, G. M., Malik, K., Foster, C. A., Martin, M. F., Maturen, K. E.
2023
- **Sustaining Mammography Image Quality With a Technologist Coaching Program in the Era of the Enhancing Quality Using the Inspection Program (EQUIP)** *JOURNAL OF BREAST IMAGING*
Kozlov, A., Larson, D., Demartini, W. B., Pal, S., Cowart, P., Strain, A., Ikeda, D. M.
2023
- **Response to: American College of Radiology Appropriateness Criteria®: A bibliometric analysis of panel members.** *Insights into imaging*
Lockhart, M. E., Larson, D. B., Thorwarth, W. T.
2023; 14 (1): 131
- **American College of Radiology initiatives on prostate magnetic resonance imaging quality.** *European journal of radiology*
Puryrsko, A. S., Tempany, C., Macura, K. J., Turkbey, B., Rosenkrantz, A. B., Gupta, R. T., Attridge, L., Hernandez, D., Garcia-Tomkins, K., Bhargavan-Chatfield, M., Weinreb, J., Larson, D. B.
2023; 165: 110937
- **Redesign of the American Board of Radiology Diagnostic Radiology Certifying Examination.** *AJR. American journal of roentgenology*
Larson, D. B., Flemming, D. J., Barr, R. M., Canon, C. L., Morgan, D. E.
2023
- **From Acceptable to Superlative: Scaling a Technologist Coaching Intervention to Improve Image Quality.** *Journal of the American College of Radiology : JACR*
Hwang, G. L., Vilendrer, S., Amano, A., Brown-Johnson, C., Kling, S. M., Faust, A., Willis, M. H., Larson, D. B.
2023; 20 (6): 570-584
- **The ACR Learning Network: Facilitating Local Performance Improvement Through Shared Learning.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Tomkins, K. G., Zacharias-Andrews, K., Irani, N., Pittman, S. M., Puryrsko, A. S., Wandtke, B., Bhargavan-Chatfield, M.
2023; 20 (3): 369-376
- **Organization-Wide Approaches to Foster Effective Unit-Level Efforts to Improve Clinician Well-Being.** *Mayo Clinic proceedings*
Shanafelt, T. D., Larson, D., Bohman, B., Roberts, R., Trockel, M., Weinlander, E., Springer, J., Wang, H., Stolz, S., Murphy, D.
2023; 98 (1): 163-180
- **Results of a virtual multi-institutional program for quality improvement training and project facilitation.** *Journal of the American College of Radiology : JACR*
Miranda-Schaeubinger, M., Garcia Tomkins, K., Larsen, E., Rigby, V., White, A. M., Sze, R. W., Larson, D. B.
2022
- **Evaluating clinician-led quality improvement initiatives: A system-wide embedded research partnership at Stanford Medicine.** *Learning health systems*
Vilendrer, S., Saliba-Gustafsson, E. A., Asch, S. M., Brown-Johnson, C. G., Kling, S. M., Shaw, J. G., Winget, M., Larson, D. B.
2022; 6 (4): e10335
- **Openness and Transparency in the Evaluation of Bias in Artificial Intelligence.** *Radiology*
Larson, D. B.
2022: 222263
- **Evaluating clinician-led quality improvement initiatives: A system-wide embedded research partnership at Stanford Medicine** *LEARNING HEALTH SYSTEMS*
Vilendrer, S., Saliba-Gustafsson, E. A., Asch, S. M., Brown-Johnson, C. G., Kling, S. M. R., Shaw, J. G., Winget, M., Larson, D. B.
2022

- **Implementation of Clinical Artificial Intelligence in Radiology: Who Decides and How?** *Radiology*
Daye, D., Wiggins, W. F., Lungren, M. P., Alkasab, T., Kottler, N., Allen, B., Roth, C. J., Bizzo, B. C., Durniak, K., Brink, J. A., Larson, D. B., Dreyer, K. J., Langlotz, et al
2022: 212151
- **ACR-RADS Programs Current State and Future Opportunities: Defining a Governance Structure to Enable Sustained Success.** *Journal of the American College of Radiology : JACR*
Davenport, M. S., Chatfield, M., Hoang, J., Maturen, K. E., Obuchowski, N., Tse, J., Weinreb, J., Kaur, D., Attridge, L., Kurth, D., Larson, D.
2022
- **Moving Toward Seamless Interinstitutional Electronic Image Transfer.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Krishnaraj, A., Mendelson, D. S., Langlotz, C. P., Wald, C.
1800
- **Increasing the Utilization of Moderate Sedation Services for Pediatric Imaging.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
Zucker, E. J., Wintch, S., Chang, Y., Commerford, L., Diaz, R., Redfern, T. H., Wang, T. N., Lam, L., Frush, D. P., Larson, D. B.
2021; 41 (7): 2127-2135
- **Regulatory Frameworks for Development and Evaluation of Artificial Intelligence-Based Diagnostic Imaging Algorithms: Summary and Recommendations** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Larson, D. B., Harvey, H., Rubin, D. L., Irani, N., Tse, J. R., Langlotz, C. P.
2021; 18 (3): 413–24
- **Optimizing Professional Practice Evaluation to Enable a Nonpunitive Learning Health System Approach to Peer Review.** *Pediatric quality & safety*
Sandborg, C. I., Hartman, G. E., Su, F., Williams, G., Teufe, B., Wixson, N., Larson, D. B., Donnelly, L. F.
2021; 6 (1): e375
- **Artificial Intelligence Algorithm Improves Radiologist Performance in Skeletal Age Assessment: A Prospective Multicenter Randomized Controlled Trial.** *Radiology*
Eng, D. K., Khandwala, N. B., Long, J., Fefferman, N. R., Lala, S. V., Strubel, N. A., Milla, S. S., Filice, R. W., Sharp, S. E., Towbin, A. J., Francavilla, M. L., Kaplan, S. L., Ecklund, et al
2021: 204021
- **Program for Supporting Frontline Improvement Projects in an Academic Radiology Department.** *AJR. American journal of roentgenology*
Larson, D. B., Kumar, S. n., Mickelsen, L. J., Cordova, D. A., Faust, A. N.
2021: 1–10
- **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.** *Journal of the American College of Radiology : JACR*
Davenport, M. S., Fruscillo, T., Chatfield, M., Weinstein, S., Sensakovic, W. F., Larson, D. B.
2020
- **Recognizing and Avoiding the Most Common Mistakes in Quality Improvement.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Willis, M. H., Hwang, G. L.
2020
- **Critical Results in Radiology: Defined by Clinical Judgment or by a List?** *Journal of the American College of Radiology : JACR*
Kuhn, K., Larson, D. B., 2020 Radiology Improvement Summit Critical Results Workgroup, Becker, C., Bierhals, A., Broder, J., City, R., Cooke, E., Cordova, D., Curci, N. E., Davenport, M. S., Dinan, D., Duncan, J. R., et al
2020
- **Transitioning From Peer Review to Peer Learning: Report of the 2020 Peer Learning Summit.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Broder, J. C., Bhargavan-Chatfield, M., Donnelly, L. F., Kadom, N., Khorasani, R., Sharpe, R. E., Pahade, J. K., Moriarity, A. K., Tan, N., Siewert, B., Kruskal, J. B.
2020
- **Ethics of Using and Sharing Clinical Imaging Data for Artificial Intelligence: A Proposed Framework.** *Radiology*
Larson, D. B., Magnus, D. C., Lungren, M. P., Shah, N. H., Langlotz, C. P.

2020: 192536

- **Automatic Extraction of Skeletal Maturity from Whole Body Pediatric Scoliosis X-rays Using Regional Proposal and Compound Scaling Convolutional Neural Networks**
Ha, A., Vorhies, J., Campion, A., Fang, C., Fadell, M., Dou, S., Halabi, S., Larson, D., Wang, E., Lee, Y., Langner, J., Kaur, J., Do, et al
edited by Park, T., Cho, Y. R., Hu, Yoo, H. G., Wang, J., Facelli, J., Nam, S., Kang, M.
IEEE COMPUTER SOC.2020: 996-1000
- **Needs of Referring Providers by Practice Type: Results of a Survey at an Academic Medical Center.** *AJR. American journal of roentgenology*
Larson, D. B., Hwang, G. L.
2020
- **Deep learning to automate Brasfield chest radiographic scoring for cystic fibrosis** *JOURNAL OF CYSTIC FIBROSIS*
Zucker, E. J., Barnes, Z. A., Lungren, M. P., Shpanskaya, Y., Seekins, J. M., Halabi, S. S., Larson, D. B.
2020; 19 (1): 131–38
- **Variables Influencing Radiology Volume Recovery During the Next Phase of the Coronavirus Disease 2019 (COVID-19) Pandemic.** *Journal of the American College of Radiology : JACR*
Madhuripan, N. n., Man-Ching Cheung, H. n., Alicia Cheong, L. H., Jawahar, A. n., Willis, M. n., Larson, D. B.
2020
- **Prospective Deployment of Deep Learning in MRI: A Framework for Important Considerations, Challenges, and Recommendations for Best Practices.** *Journal of magnetic resonance imaging : JMRI*
Chaudhari, A. S., Sandino, C. M., Cole, E. K., Larson, D. B., Gold, G. E., Vasanaawala, S. S., Lungren, M. P., Hargreaves, B. A., Langlotz, C. P.
2020
- **Regulatory Frameworks for Development and Evaluation of Artificial Intelligence-Based Diagnostic Imaging Algorithms: Summary and Recommendations.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Harvey, H. n., Rubin, D. L., Irani, N. n., Tse, J. R., Langlotz, C. P.
2020
- **Deep learning to automate Brasfield chest radiographic scoring for cystic fibrosis.** *Journal of cystic fibrosis : official journal of the European Cystic Fibrosis Society*
Zucker, E. J., Barnes, Z. A., Lungren, M. P., Shpanskaya, Y., Seekins, J. M., Halabi, S. S., Larson, D. B.
2019
- **Quality and safety in pediatric radiology.** *Pediatric radiology*
Dillman, J. R., Larson, D. B.
2019; 49 (4): 431–32
- **Quality and safety in pediatric radiology** *PEDIATRIC RADIOLOGY*
Dillman, J. R., Larson, D. B.
2019; 49 (4): 431-432
- **Measuring Diagnostic Radiologists: What Measurements Should We Use?** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Davenport, M. S., Larson, D. B.
2019; 16 (3): 333-335
- **Measuring Diagnostic Radiologists: What Measurements Should We Use?** *Journal of the American College of Radiology : JACR*
Davenport, M. S., Larson, D. B.
2019
- **Imaging Quality Control in the Era of Artificial Intelligence.** *Journal of the American College of Radiology : JACR*
Larson, D. B., Boland, G. W.
2019
- **CheXpert: A Large Chest Radiograph Dataset with Uncertainty Labels and Expert Comparison**
Irvin, J., Rajpurkar, P., Ko, M., Yu, Y., Ciurea-Ilicus, S., Chute, C., Marklund, H., Haghgoo, B., Ball, R., Shpanskaya, K., Seekins, J., Mong, D. A., Halabi, et al
ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2019: 590–97

- **Improving Automated Pediatric Bone Age Estimation Using Ensembles of Models from the 2017 RSNA Machine Learning Challenge.** *Radiology. Artificial intelligence*
Pan, I. n., Thodberg, H. H., Halabi, S. S., Kalpathy-Cramer, J. n., Larson, D. B.
2019; 1 (6): e190053
- **Re: "Reducing Variability of Radiation Dose in CT".** *Journal of the American College of Radiology : JACR*
Larson, D. B.
2018; 15 (12): 1669–70
- **Re: "Reducing Variability of Radiation Dose in CT"** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Larson, D. B.
2018; 15 (12): 1669-1670
- **Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet.** *PLoS medicine*
Bien, N., Rajpurkar, P., Ball, R. L., Irvin, J., Park, A., Jones, E., Bereket, M., Patel, B. N., Yeom, K. W., Shpanskaya, K., Halabi, S., Zucker, E., Fanton, et al
2018; 15 (11): e1002699
- **Improving and Maintaining Radiologic Technologist Skill Using a Medical Director Partnership and Technologist Coaching Model** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Kagoma, Y. K., Netz, R. J., Strain, A., Larson, D. B.
2018; 211 (5): 986-992
- **Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet** *PLOS MEDICINE*
Bien, N., Rajpurkar, P., Ball, R. L., Irvin, J., Park, A., Jones, E., Bereket, M., Patel, B. N., Yeom, K. W., Shpanskaya, K., Halabi, S., Zucker, E., Fanton, et al
2018; 15 (11)
- **Strategies for Implementing a Standardized Structured Radiology Reporting Program.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
Larson, D. B.
2018; 38 (6): 1705–16
- **Strategies for Radiology to Thrive in the Value Era** *RADIOLOGY*
Kruskal, J. B., Larson, D. B.
2018; 289 (1): 3-7
- **Strategies for Implementing a Standardized Structured Radiology Reporting Program** *RADIOGRAPHICS*
Larson, D. B.
2018; 38 (6): 1705-1716
- **Strategies for Radiology to Thrive in the Value Era.** *Radiology*
Kruskal, J. B., Larson, D. B.
2018: 180190
- **Improving and Maintaining Radiologic Technologist Skill Using a Medical Director Partnership and Technologist Coaching Model.** *AJR. American journal of roentgenology*
Kagoma, Y. K., Netz, R. J., Strain, A., Larson, D. B.
2018: 1–7
- **Performance of a Deep-Learning Neural Network Model in Assessing Skeletal Maturity on Pediatric Hand Radiographs** *RADIOLOGY*
Larson, D. B., Chen, M. C., Lungren, M. P., Halabi, S. S., Stence, N. V., Langlotz, C. P.
2018; 287 (1): 313–22
- **Improving Performance of Mammographic Breast Positioning in an Academic Radiology Practice** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Pal, S., Ikeda, D. M., Jesinger, R. A., Mickelsen, L., Chen, C. A., Larson, D. B.
2018; 210 (4): 807–15

- **Deep Learning to Classify Radiology Free-Text Reports** *RADIOLOGY*
Chen, M. C., Ball, R. L., Yang, L., Moradzadeh, N., Chapman, B. E., Larson, D. B., Langlotz, C. P., Amrhein, T. J., Lungren, M. P.
2018; 286 (3): 845–52
- **Practical Suggestions on How to Move From Peer Review to Peer Learning** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Donnelly, L. F., Larson, D. B., Heller, R. E., Kruskal, J. B.
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