

Division	Radiology Publications - 2020
ABDOMEN	
ABD	<ul style="list-style-type: none"> • ACR Appropriateness Criteria(R) Liver Lesion-Initial Characterization November 01, 2020 Author(s): Expert Panel on Gastrointestinal Imaging, Victoria Chernyak, Alan J. Goldstein Source: Journal of the American College of Radiology : JACR
ABD	<ul style="list-style-type: none"> • ACR Appropriateness Criteria(R) Chronic Liver Disease May 01, 2020 Author(s): Expert Panel on Gastrointestinal Imaging, Mustafa R. Bashir, Alan J. Goldstein Source: Journal of the American College of Radiology : JACR
ABD	<ul style="list-style-type: none"> • ACR Appropriateness Criteria(R) Pancreatic Cyst May 01, 2020 Author(s): Expert Panel on Gastrointestinal Imaging, Kelly Fabrega-Foster, Ihab R. Kamel, Alan J. Goldstein Source: Journal of the American College of Radiology : JACR
ABD	<ul style="list-style-type: none"> • Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma in Patients With Child-Pugh B or C Cirrhosis April 09, 2020 Author(s): Peter L. Lee, Yunsheng Ma, Isabel Zacharias, Adel Bozorgzadeh, Sean Wilson, Kim Foley, Paul Rava, Mark Masciocchi, Linda Ding, Jacob R. Bledsoe, Thomas J. Fitzgerald, Shirin Sioshansi Source: Advances in radiation oncology;
ABD	<ul style="list-style-type: none"> • Role of ultrasound in the evaluation of first-trimester pregnancies in the acute setting April 01, 2020 Author(s): Venkatesh A. Murugan, Bryan O'Sullivan Murphy, Carolyn S. Dupuis, Alan J. Goldstein, Young H. Kim Source: Ultrasonography
EDUCATION	
Education	<ul style="list-style-type: none"> • Regional Variations in Diagnostic Radiology Residency Stipends Are Accentuated When Correlated With Cost Of Living, December 30, 2020. Author(s): Marco Ertreo, MD, David Field, MD, Dominique Rowcroft, MD, , Peter O'Halloran, MD Source: Journal of the American College of Radiology: JACR
Education	<ul style="list-style-type: none"> • Mitigating Asian American Bias and Xenophobia in Response to the Coronavirus Pandemic: How You Can Be an Upstander December 01, 2020 Author(s): Christopher P. Ho, Alice Chong, Anand Narayan, Erin A. Cooke, Francis Deng, Vikas Agarwal, Carolyn M. DeBenedictis, Lori A. Deitte, Ann K. Jay, Nolan J. Kagetsu Source: Journal of the American College of Radiology : JACR
Education	<ul style="list-style-type: none"> • Still Coming Out of the Dark: Enduring Effects of Simulation-Based Communication Skills Training for Radiology Residents-Four-Year Follow-U Majid S, Gauguet JM, McIntosh L, Watts G, Rosen MP, DeBenedictis CM. Curr Diagn Radiol. 2020 Nov-Dec;49(6):382-385. doi: 10.1067/j.cpradiol.2019.07.006. 2019 Jul 9. PMID: 31350102.
Education	<ul style="list-style-type: none"> • Radiology podcasting as a model for asynchronous remote learning in the COVID-19 era November 26, 2020 Author(s): Tina Shiang, Christopher Cerniglia, Hannah Lin, Hao S. Lo Source: Clinical imaging
Education	<ul style="list-style-type: none"> • Implementation of a Novel Hands-on Advanced Radiology Elective. Newbury A, Cerniglia CA, Lo HS. Curr Probl Diagn Radiol. 2020 Nov 24. PMID: 33309445.

Education	<p><u>"What Program Directors Think" V: Results of the 2019 Spring Survey of the Association of Program Directors in Radiology (APDR)</u> August 07, 2020 Author(s): Anna Rozenshtein, Brent D. Griffith, Priscilla J. Slanetz,Carolynn M. DeBenedectis, Jennifer E. Gould, Jennifer R. Kohr, Tan-Lucien Mohammed, Angelisa M. Paladin, Paul J. Rochon, Monica Sheth, Ernest F. Wiggins III, Jonathan O. Swanson Source: Academic radiology</p>
Education	<p>• <u>USMLE Step 3 Scores Have Value in Predicting ABR Core Examination Outcome and Performance: A Multi-institutional Study</u> August 06, 2020 Author(s): Maitray D. Patel, Carolynn M. DeBenedectis Source: Academic radiology</p>
Education	<p>• <u>COVID-19 Impact on Well-Being and Education in Radiology Residencies: A Survey of the Association of Program Directors in Radiology</u> August 01, 2020 Author(s): Jessica B. Robbins, Eric England, Maitray D. Patel, Carolynn M. DeBenedectis, David S. Sarkany, Darel E. Heitkamp, James M. Milburn, Vivek Kalia, Kamran Ali, Glenn C. Gaviola, Christopher P. Ho, Ann K. Jay, Seng Ong, Sheryl G. Jordan Source: Academic radiology</p>
Education	<p>• <u>Factors Associated with Mortality After Undergoing Thrombectomy for Acute Ischemic Stroke</u> June 12, 2020 Author(s): Hannah Lin Source: GSBS Dissertations and Theses;</p>
Education	<p><u>The Relationship Between ACR Diagnostic Radiology In-Training Examination Scores and ABR Core Examination Outcome and Performance: A Multi-Institutional Study</u> May 29, 2020 Author(s): Maitray D. Patel, Katie N. Hunt, Thad Benefield, Kamran Ali, Carolynn M. DeBenedectis, Eric England, Christopher P. Ho, Ann K. Jay, James M. Milburn, Jessica B. Robbins, David S. Sarkany, Courtney M. Tomblinson, Darel E. Heitkamp, Sheryl G. Jordan Source: Journal of the American College of Radiology : JACR</p>
Education	<p>• <u>Strategies to Reach Gender Equity in Radiology</u> May 25, 2020 Author(s): Priscilla J. Slanetz, Lucy Spalluto, Maria Jesus Diaz Candamio, Carolynn M. DeBenedectis Source: Journal of the American College of Radiology : JACR</p>
Education	<p>• <u>Promoting Well-Being in Radiology Residency: A Primer for Program Directors</u> May 01, 2020 Author(s): Eric England, Maitray D. Patel, Sheryl Jordan, Vivek Kalia, Kamran Ali, Carolynn M. DeBenedectis, Glenn C. Gaviola, Christopher P. Ho, James M. Milburn, Seng Ong, David S. Sarkany, Ann K. Jay, Jessica B. Robbins, Darel E. Heitkamp Source: Academic radiology</p>
Education	<p>• <u>The Relationship Between US Medical Licensing Examination Step Scores and ABR Core Examination Outcome and Performance: A Multi-institutional Study</u> March 24, 2020 Author(s): Maitray D. Patel, Courtney M. Tomblinson, Thad Benefield, Kamran Ali, Carolynn M. DeBenedectis, Eric England, Glenn C. Gaviola, Christopher P. Ho, Ann K. Jay, James M. Milburn, Seng Ong, Jessica B. Robbins, David S. Sarkany, Darel E. Heitkamp, Sheryl G. Jordan Source: Journal of the American College of Radiology : JACR</p>
Education	<p>• <u>Breaking the Stereotype: Interventions Aimed at Changing Medical Student Misperceptions of Radiology and Increasing the Female Match</u></p>

	<p>Rate February 10, 2020 Author(s): Victoria Podsiadlo,Carolynn M. DeBenedectis Source: Academic radiology</p>
Education	<p>• Tales of Mentoring in Radiology: The Experience of Residents and Mentors at a Single Academic Program January 20, 2020 Author(s): Joelle Wazen, Alan J. Goldstein, Helen H. Kim, Ryan Tai, George Watts,Carolynn M. DeBenedictis Source: Current problems in diagnostic radiology</p>
ADMINISTRATIVE	
Admin	<p>• Evolving Role of Radiology in COVID-19 Pandemic: A Review July 11, 2020 Author(s): Sarwat Hussain Source: Annals of King Edward Medical University;</p>
Admin	<p>• Impact of Coronavirus Disease 2019 (COVID-19) on the Practice of Clinical Radiology July 09, 2020 Author(s): Max P. Rosen, Alexander Norbash, Jonathan Kruskal, Carolyn C. Meltzer, Judy Yee, James Thrall Source: Journal of the American College of Radiology : JACR</p>
Admin	<p>• The COVID-19 Pandemic: A Comprehensive Review of Taxonomy, Genetics, Epidemiology, Diagnosis, Treatment, and Control April 24, 2020 Author(s): Yosra A. Helmy, Mohamed Fawzy, Ahmed Elasad, Ahmed Sobieh, Scott P. Kenney, Awad A. Shehata Source: Journal of clinical medicine</p>
Admin	<p>• How Radiologists Are Paid: An Economic History, Part II: Advanced Imaging and Radiologists' Incomes March 24, 2020 Author(s): Frank Levy, Max P. Rosen Source: Journal of the American College of Radiology : JACR</p>
Admin	<p>• How Radiologists Are Paid: An Economic History, Part IV: End of the Bubble March 24, 2020 Author(s): Frank Levy, Max P. Rosen Source: Journal of the American College of Radiology : JACR</p>
Admin	<p>• How Radiologists Are Paid: An Economic History, Part I: The Fight for Independent Billing March 20, 2020 Author(s): Frank Levy, Max P. Rosen Source: Journal of the American College of Radiology : JACR</p>
Admin	<p>• How Radiologists Are Paid: An Economic History, Part III: The Bubble Years March 17, 2020 Author(s): Frank Levy, Max P. Rosen Source: Journal of the American College of Radiology : JACR</p>
ANATOMY	
Anat	<p>• A case of solitary kidney with duplex collecting systems and renal vascular variants in an adult male cadaver August 04, 2020 Author(s): Mehdi S. Salimy, Gabrielle A. Luiselli, Megan Yuen, Rose C. Healy, S. G. Shah, Eustathia Lela Giannaris, Manas Das, Alexandra E. Wink Source: Folia morphologica;</p>
ARTIFICIAL INTELLIGENCE	
AI	<p>Noninterpretive Uses of Artificial Intelligence in Radiology. Richardson ML, Garwood ER, Lee Y, Li MD, Lo HS, Nagaraju A, Nguyen XV, Probyn L, Rajiah P, Sin J, Wasnik AP, Xu K. Acad Radiol. 2020 Feb 12:S1076-6332(20)30039-8. doi: 10.1016.j.acra.2020.01.012. Online ahead of print.. PMID: 32059956</p>
AI	<p>• Noninterpretive Uses of Artificial Intelligence in Radiology February 12, 2020 Author(s): Michael L. Richardson, Elisabeth R. Garwood, Yueh Lee, Matthew D. Li, Hao S. Lo, Arun Nagaraju, Xuan V. Nguyen, Linda Probyn,</p>

	Prabhakar Rajiah, Jessica Sin, Ashish P. Wasnik, Kali Xu Source: Academic radiology
AI	The Use of Artificial Intelligence in the Evaluation of Knee Pathology. Garwood ER, Tai R, Joshi G, Watts V GJ. Semin Musculoskelet Radiol. 2020 Feb;24(1):21-29. doi: 10.1055/s-0039-3400264. Epub 2020 Jan 28. PMID: 31991449 Review.
BIOMEDICAL IMAGING AND BIOENGINEERING	
BIB	<ul style="list-style-type: none"> • Extracting signature responses from respiratory flows: Low-dimensional analyses on Direct Numerical Simulation-predicted wakes of a flapping uvula December 01, 2020 Author(s): Jinxiang Xi, Junshi Wang, Xiuhua April Si, Shaokuan Zheng, Ramesh Donepudi, Haibo Dong Source: International journal for numerical methods in biomedical engineering
BIB	<ul style="list-style-type: none"> • Natural history study of glycan accumulation in large animal models of GM2 gangliosidosis December 01, 2020 Author(s): Catlyn Cavender, Linley Mangini, Jeremy L. Van Vleet, Carley Corado, Emma McCullagh, Heather L. Gray-Edwards, Douglas R. Martin, Brett E. Crawford, Roger Lawrence Source: PloS one; Copyright: © 2020
BIB	<ul style="list-style-type: none"> • Modelling the impact of clot fragmentation on the microcirculation after thrombectomy [preprint] November 30, 2020 Author(s): Wahbi K. El-Bouri, Andrew MacGowan, Tamás I. Józsa, Matthew J. Gounis, Stephen J. Payne Source: bioRxiv;
BIB	<ul style="list-style-type: none"> • Quantitative Characterization of Recanalization and Distal Emboli with a Novel Thrombectomy Device November 11, 2020 Author(s): Juyu Chueh, Miklos G. Marosfoi, Vania Anagnostakou, Rose Arslanian, Michael P. Marks, Matthew J. Gounis Source: Cardiovascular and interventional radiology
BIB	<ul style="list-style-type: none"> • Deep learning with noise-to-noise training for denoising in SPECT myocardial perfusion imaging November 03, 2020 Author(s): Junchi Liu, Yongyi Yang, Miles N. Wernick, P. Hendrik Pretorius, Michael A. King Source: Medical physics
BIB	<ul style="list-style-type: none"> • Inclusion of quasi-vertex views in a brain-dedicated multi-pinhole SPECT system for improved imaging performance October 16, 2020 Author(s): Benjamin Auer, Navid Zeraatkar, Justin C. Goding, Arda Konik, Timothy J. Fromme, Kesava S. Kalluri, Lars R. Furenlid, Phillip H. Kuo, Michael A. King Source: Physics in medicine and biology; © 2020 Institute of Physics and Engineering in Medicine.
BIB	<ul style="list-style-type: none"> • Efficacy of beveled tip aspiration catheter in mechanical thrombectomy for acute ischemic stroke October 06, 2020 Author(s): Jan Vargas, Jonathan Blalock, Anand Venkatraman, Vania Anagnostakou, Robert M. King, Joseph A. Ewing, Matthew J. Gounis, Raymond D. Turner, Imran Chaudry, Aquilla Turk Source: Journal of neurointerventional surgery;
BIB	<ul style="list-style-type: none"> • In situ decellularization of a large animal saccular aneurysm model: sustained inflammation and active aneurysm wall remodeling October 05, 2020 Author(s): Robert M. King, Jildaz Caroff, Erin T. Langan, Anita M. Leporati, Aurora Rodriguez-Rodriguez, Christopher M. Raskett, Suresh Gupta,

	Ajit S. Puri, Peter Caravan, Matthew J. Gounis, Alexei A. Bogdanov Source: Journal of neurointerventional surgery
BIB	<ul style="list-style-type: none"> • <u>The clinical utilities of multi-pinhole single photon emission computed tomography</u> October 01, 2020 Author(s): Ilker Ozsahin, Ling Chen, Arda Konik, Michael A. King, Freek J. Beekman, Greta S. P. Mok Source: Quantitative imaging in medicine and surgery;
BIB	<ul style="list-style-type: none"> • <u>High-resolution image-guided WEB aneurysm embolization by high-frequency optical coherence tomography</u> September 28, 2020 Author(s): Zeynep Vardar, Robert M. King, Afif Kraitem, Erin T. Langan, Lindsay M. Peterson, Benjamin H. Duncan, Christopher M. Raskett, Vania Anagnostakou, Matthew J. Gounis, Ajit S. Puri, Giovanni J. Ughi Source: Journal of neurointerventional surgery
BIB	<ul style="list-style-type: none"> • <u>Investigation of Axial and Angular Sampling in Multi-Detector Pinhole-SPECT Brain Imaging</u> August 07, 2020 Author(s): Navid Zeraatkar, Kesava S. Kalluri, Benjamin Auer, Arda Konik, Timothy J. Fromme, Lars R. Furenlid, Phillip H. Kuo, Michael A. King Source: IEEE transactions on medical imaging;
BIB	<ul style="list-style-type: none"> • <u>Semantic Segmentation of Smartphone Wound Images: Comparative Analysis of AHRF and CNN-Based Approaches</u> August 06, 2020 Author(s): Ameya Wagh, Shubham Jain, Apratim Mukherjee, Emmanuel Agu, Peder Pedersen, Diane Strong, Bengisu Tulu, Clifford Lindsay, Ziyang Liu Source: IEEE access : practical innovations, open solutions;
BIB	<ul style="list-style-type: none"> • <u>A neurovascular high-frequency optical coherence tomography system enables in situ cerebrovascular volumetric microscopy</u> July 31, 2020 Author(s): Giovanni J. Ughi, Miklos G. Marosfoi, Robert M. King, Jildaz Caroff, Lindsay M. Peterson, Benjamin H. Duncan, Erin T. Langan, Amanda J. Collins, Anita M. Leporati, Serge Rousselle, Demetrius K. Lopes, Matthew J. Gounis, Ajit S. Puri Source: Nature communications;
BIB	<ul style="list-style-type: none"> • <u>Magnetic resonance contrast agents in optical clearing: Prospects for multimodal tissue imaging</u> July 20, 2020 Author(s): Daria K. Tuchina, Irina G. Meerovich, Olga A. Sindeeva, Victoria V. Zherdeva, Alexander P. Savitsky, Alexei A. Bogdanov, Valery V. Tuchin Source: Journal of biophotonics
BIB	<ul style="list-style-type: none"> • <u>Clinical evaluation of three respiratory gating schemes for different respiratory patterns on cardiac SPECT</u> June 24, 2020 Author(s): Duo Zhang, Jingzhang Sun, P. Hendrik Pretorius, Michael A. King, Greta S. P. Mok Source: Medical physics
BIB	<ul style="list-style-type: none"> • <u>Volume and Infusion Rate Dynamics of Intraparenchymal Central Nervous System Infusion in a Large Animal Model</u> June 01, 2020 Author(s): Toloo Taghian, Erin Horn, Mohammed S. Shazeeb, Lindsey J. Bierfeldt, Susan M. Tuominen, Jennifer Koehler, Deborah Fernau, Stephanie Bertrand, Stephen Frey, Oguz Cataltepe, Matthew J. Gounis, Aly Abayazeed, Terence R. Flotte, Miguel Sena-Esteves, Heather Gray-Edwards Source: Human gene therapy
BIB	<ul style="list-style-type: none"> • <u>Alveolar size effects on nanoparticle deposition in rhythmically expanding-contracting terminal alveolar models</u> June 01, 2020 Author(s): Jinxiang Xi, Mohamed Talaat, Xiuhua April Si, Pan Han, Haibo Dong, Shaokuan Zheng Source: Computers in biology and medicine

BIB	<ul style="list-style-type: none"> • Longitudinal Monitoring of Flow-Diverting Stent Tissue Coverage After Implant in a Bifurcation Model Using Neurovascular High-Frequency Optical Coherence Tomography May 28, 2020 Author(s): Jildaz Caroff, Robert M. King, Giovanni J. Ughi, Miklos G. Marosfoi, Erin T. Langan, Christopher M. Raskett, Ajit S. Puri, Matthew J. Gounis Source: Neurosurgery
BIB	<ul style="list-style-type: none"> • Acute Thrombus Burden on Coated Flow Diverters Assessed by High Frequency Optical Coherence Tomography May 08, 2020 Author(s): Robert M. King, Erin T. Langan, Giovanni J. Ughi, Christopher M. Raskett, Ajit S. Puri, Hans Henkes, Matthew J. Gounis Source: Cardiovascular and interventional radiology
BIB	<ul style="list-style-type: none"> • Canine Models of Inherited Musculoskeletal and Neurodegenerative Diseases March 11, 2020 Author(s): Brett D. Story, Matthew E. Miller, Allison M. Bradbury, Emily D. Million, Dongsheng Duan, Toloo Taghian, Dominik Faissler, Deborah Fernau, Sidney J. Beecy, Heather Gray-Edwards Source: Frontiers in veterinary science;
BIB	<ul style="list-style-type: none"> • Improving Diagnostic Accuracy in Low-Dose SPECT Myocardial Perfusion Imaging with Convolutional Denoising Networks March 10, 2020 Author(s): Albert Juan Ramon, Yongyi Yang, P. Hendrik Pretorius, Karen L. Johnson, Michael A. King, Miles N. Wernick Source: IEEE transactions on medical imaging
BIB	<ul style="list-style-type: none"> • Synthesis and applications of theranostic oligonucleotides carrying multiple fluorine atoms January 01, 2020 Author(s): Valeriy G. Metelev, Alexei A. Bogdanov Source: Theranostics;
BIB	<ul style="list-style-type: none"> • Imaging NF-kappaB activity in a murine model of early stage diabetes January 01, 2020 Author(s): Toloo Taghian, Valeriy G. Metelev, Surong Zhang, Alexei A. Bogdanov Jr. Source: FASEB journal :
BIB	<ul style="list-style-type: none"> • Pulsed field gradient signal attenuation of restricted anomalous diffusions in plate, sphere, and cylinder with wall relaxation January 01, 2020 Author(s): Xinli Liao, Shaokuan Zheng, Guoxing Lin Source: Physical review. E
BREAST IMAGING	
Breast	<ul style="list-style-type: none"> • Primary Care Providers Underutilize Breast Screening MRI for High-Risk Women May 17, 2020 Author(s): Nita Amornsiripanitch, Sarah M. Ameri, Robert J. Goldberg Source: Current problems in diagnostic radiology
Breast	<ul style="list-style-type: none"> • Impact of Age, Race, and Socioeconomic Status on Women's Perceptions and Preferences Regarding Communication of Estimated Breast Cancer Risk May 03, 2020 Author(s): Nita Amornsiripanitch, Sarah M. Ameri, Robert Goldberg Source: Academic radiology
CELL BIOLOGY AND IMAGING	
CBI	<ul style="list-style-type: none"> • Cryo-EM structure of the inhibited (10S) form of myosin II December 02, 2020 Author(s): Shixin Yang, Prince Tiwari, Kyoungwan Lee, Osamu Sato, Mitsuo Ikebe, Raul A. Padron, Roger W. Craig Source: Nature
CBI	<ul style="list-style-type: none"> • Diffusion rather than intraflagellar transport likely provides most of the tubulin required for axonemal assembly in Chlamydomonas September 11,

	2020 Author(s): Julie Craft Van De Weghe, J. Aaron Harris, Tomohiro Kubo, George B. Witman, Karl F. Lehtreck Source: Journal of cell science;
CBI	<ul style="list-style-type: none"> • Loss of supervillin causes myopathy with myofibrillar disorganization and autophagic vacuoles August 01, 2020 Author(s): Carola Hedberg-Oldfors, Elizabeth J. Luna, Anders Oldfors, Cordula Knopp Source: Brain : a journal of neurology;
CBI	<ul style="list-style-type: none"> • The myosin interacting-heads motif present in live tarantula muscle explains tetanic and posttetanic phosphorylation mechanisms June 02, 2020 Author(s): Raul Padron, Weikang Ma, Sebastian Duno-Miranda, Natalia Koubassova, Kyoungwan Lee, Antonio Pinto, Lorenzo Alamo, Pura Bolanos, Andrey Tsaturyan, Thomas Irving, Roger W. Craig Source: Proceedings of the National Academy of Sciences of the United States of America;
CBI	<ul style="list-style-type: none"> • TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in Chlamydomonas reinhardtii May 13, 2020 Author(s): Tyler Picariello, Yuqing Hou, Tomohiro Kubo, Nathan A. McNeill, Haru-Aki Yanagisawa, Toshiyuki Oda, George B. Witman Source: PloS one;
CBI	<ul style="list-style-type: none"> • Myosin Sequestration Regulates Sarcomere Function, Cardiomyocyte Energetics, and Metabolism, Informing the Pathogenesis of Hypertrophic Cardiomyopathy March 10, 2020 Author(s): Christopher N. Toepfer, Raul Padron, Christine E. Seidman Source: Circulation;
CARDIOTHORACIC IMAGING	
CTI	<ul style="list-style-type: none"> • Pulmonary Edema: A Pictorial Review of Imaging Manifestations and Current Understanding of Mechanisms of Disease October 30, 2020 Author(s): Maria Barile Source: European journal of radiology open; © 2020
CTI	<ul style="list-style-type: none"> • Simple quantitative chest CT for pulmonary edema October 30, 2020 Author(s): Maria Barile, Tomoyuki Hida, Mark Hammer, Hiroto Hatabu Source: European journal of radiology open; © 2020
CTI	<ul style="list-style-type: none"> • Assessing invasiveness of subsolid lung adenocarcinomas with combined attenuation and geometric feature models September 03, 2020 Author(s): Constance de Margerie-Mellon, Ritu R. Gill, Pascal Salazar, Anastasia Oikonomou, Elsie T. Nguyen, Benedikt H. Heidinger, Mayra A. Medina, Paul A. VanderLaan, Alexander A. Bankier Source: Scientific reports;
EMERGENCY RADIOLOGY	
ED	<ul style="list-style-type: none"> • Impact of the COVID-19 pandemic on emergency department CT for suspected diverticulitis December 01, 2020 Author(s): Averi L. Gibson, Byron Y. Chen, Max P. Rosen, S. Nicolas Paez, Hao S. Lo Source: Emergency radiology
ED	<ul style="list-style-type: none"> • Impact of the COVID-19 pandemic on emergency department CT for suspected diverticulitis: A natural experiment to explain patients' and clinicians' assessment of risk and willingness to undergo CT scanning? [preprint] September 11, 2020 Author(s): Averi L. Gibson, Byron Y. Chen, Max P. Rosen, S. Nicolas Paez, Hao S. Lo Source: Research Square;
ED	<ul style="list-style-type: none"> • COVID-19 and its Mimics: What the Radiologist Needs to Know August 25, 2020 Author(s): Sameer H. Hanfi, Tasneem K. Lalani, Amina Saghir, Lacey

	J. McIntosh, Hao S. Lo, Hemang M. Kotecha Source: Journal of thoracic imaging
ED	<ul style="list-style-type: none"> • <u>Abdominal wall and pelvic hernias: classic and unusual hernias and their mimics</u> April 01, 2020 Author(s): Arash Bedayat, Cameron Hassani, Jason Chiang, Frank Hebroni, Saeed Ghandili, Hamid Chalian, Pegah Khoshpouri, Hao S. Lo, Adib R. Karam Source: Clinical imaging
ED	<ul style="list-style-type: none"> • <u>CT diagnosis of bucket handle meniscus tear</u> February 11, 2020 Author(s): Tina Shiang, Hemang M. Kotecha Source: Emergency radiology;
ELECTRON MICROSCOPY CORE	
EM	<ul style="list-style-type: none"> • <u>Thermus thermophilus Argonaute Functions in the Completion of DNA Replication</u> September 17, 2020 Author(s): Samson M. Jolly, Ildar Gainetdinov, , Han Zhang, Lara Strittmatter, Shannon M. Bailey, Gregory M. Hendricks, Avantika Dhabaria, Beatrix Ueberheide, Phillip D. Zamore Source: Cell
EM	<ul style="list-style-type: none"> • <u>Extracellular Vesicles from Pseudomonas aeruginosa Suppress MHC-Related Molecules in Human Lung Macrophages</u> August 20, 2020 Author(s): David A. Armstrong, Min Kyung. Lee, Haley F. Hazlett, John A. Dessaint, Diane L. Mellinger, Daniel S. Aridgides, Gregory M. Hendricks, Moemen A. K. Abdalla, Brock C. Christensen, Alix Ashare Source: ImmunoHorizons;
EM	<ul style="list-style-type: none"> • <u>Analysis of Recombinant Adeno-Associated Virus (rAAV) Sample Morphology Using Negative Staining and High-Resolution Electron Microscopy</u> August 03, 2020 Author(s): Gregory M. Hendricks, Miguel Sena-Esteves, Guangping Gao Source: Cold Spring Harbor protocols
EM	<ul style="list-style-type: none"> • <u>Molecular Assessment of Epiretinal Membrane: Activated Microglia, Oxidative Stress and Inflammation</u> July 23, 2020 Author(s): Sushma Vishwakarma, Rishikesh Kumar Gupta, Saumya Jakati, Mudit Tyagi, Rajeev Reddy Pappuru, Keith Reddig, Gregory M. Hendricks, Michael R. Volkert, Hemant Khanna, Jay Chhablani, Inderjeet Kaur Source: Antioxidants (Basel, Switzerland);
NEUROINTERVENTIONAL RADIOLOGY	
INR	<ul style="list-style-type: none"> • <u>Distal radial artery (Snuffbox) access for intracranial aneurysm treatment using the Woven EndoBridge (WEB) device</u> November 01, 2020 Author(s): Anna L. Kuhn, Jasmeet Singh, Katyucia de Macedo Rodrigues, Francesco Massari, Viraj M. Moholkar, Suroop K. Marwah, Danyal Unar, Matthew J. Gounis, Ajit S. Puri Source: Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia
INR	<ul style="list-style-type: none"> • <u>Radiofrequency Ablation for the Palliative Treatment of Bone Metastases: Outcomes from the Multicenter OsteoCool Tumor Ablation Post-Market Study (OPuS One Study) in 100 Patients</u> November 01, 2020 Author(s): Jason Levy, Thomas Hopkins, Jonathan Morris, Nam D. Tran, Elizabeth David, Francesco Massari, Hamed Farid, Alexander Vogel, William G. O'Connell, Peter Sunenshine, Robert Dixon, Afshin Gangi, Nicolas von der Hoh, Sandeep Bagla Source: Journal of vascular and interventional radiology : JVIR; © SIR, 2020.

INR	<ul style="list-style-type: none"> • <u>Distal radial artery (snuffbox) access for carotid artery stenting - Technical pearls and procedural set-up</u> September 13, 2020 Author(s): Anna L. Kuhn, Jasmeet Singh, Viraj M. Moholkar, Sudhakar R. Satti, Katyucia de Macedo Rodrigues, Francesco Massari, Matthew J. Gounis, Archie McGowen, Ajit S. Puri Source: Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences
INR	<ul style="list-style-type: none"> • <u>Endovascular treatment of anterior cranial fossa dural arteriovenous fistula: a multicenter series</u> August 25, 2020 Author(s): Guilherme Dabus, Peter Kan, Carlos Diaz, Boris Pabon, Juan Andres-Mejia, Italo Linfante, Jonathan A. Grossberg, Brian M. Howard, Civan Islak, Naci Kocer, Osman Kizilkilic, Ajit S. Puri, Anna L. Kuhn, Viraj M. Moholkar, Santiago Ortega-Gutierrez, Edgar A. Samaniego, Michael W. McDermott Source: Neuroradiology
INR	<ul style="list-style-type: none"> • <u>Ischaemic stroke associated with COVID-19 and racial outcome disparity in North America</u> August 13, 2020 Author(s): Adam A. Dmytriw, Anna L. Kuhn, Ajit S. Puri Source: Journal of neurology, neurosurgery, and psychiatry
INR	<ul style="list-style-type: none"> • <u>Trapped Embolic Protection Device: A Salvage Technique</u> July 16, 2020 Author(s): Anna L. Kuhn, Ajit S. Puri, Katyucia de Macedo Rodrigues, Francesco Massari, Jasmeet Singh Source: Cureus; Copyright 2020
INR	<ul style="list-style-type: none"> • <u>Optimization of Endovascular Therapy in the Neuroangiography Suite to Achieve Fast and Complete (Expanded Treatment in Cerebral Ischemia 2c-3) Reperfusion</u> July 01, 2020 Author(s): Ryan A. McTaggart, Johanna M. Ospel, Marios-Nikos Psychogios, Ajit S. Puri, Christian Maegerlein, Kendall M. Lane, Mahesh V. Jayaraman, Mayank Goyal Source: Stroke
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