Elizabeth A Krupinski

List of Publications by Citations

300 papers	6,740 citations	43 h-index	67 g-index
341 ext. papers	8,155 ext. citations	4.9 avg, IF	6.23 L-index

#	Paper	IF	Citations
300	Telemedicine, telehealth, and mobile health applications that work: opportunities and barriers. *American Journal of Medicine*, **2014**, 127, 183-7	2.4	301
299	Bone marrow edema pattern in advanced hip osteoarthritis: quantitative assessment with magnetic resonance imaging and correlation with clinical examination, radiographic findings, and histopathology. *Skeletal Radiology*, **2008**, 37, 423-31	2.7	181
298	Detection of Breast Cancer with Mammography: Effect of an Artificial Intelligence Support System. *Radiology*, **2019**, 290, 305-314	20.5	177
297	Current perspectives in medical image perception. *Attention, Perception, and Psychophysics*, **2010**, 72, 1205-17	2	161
296	Visual scanning patterns of radiologists searching mammograms. *Academic Radiology*, **1996**, 3, 137-44	4.3	161
295	Long radiology workdays reduce detection and accommodation accuracy. *Journal of the American College of Radiology*, **2010**, 7, 698-704	3.5	143
294	Best Practices in Videoconferencing-Based Telemental Health April 2018. *Telemedicine Journal and E-Health*, **2018**, 24, 827-832	5.9	126
293	The Empirical Foundations of Telemedicine Interventions in Primary Care. *Telemedicine Journal and E-Health*, **2016**, 22, 342-75	5.9	125
292	Thoracic aortic dissection and aneurysm: evaluation with nonenhanced true FISP MR angiography in less than 4 minutes. *Radiology*, **2002**, 223, 270-4	20.5	117
291	ATA practice guidelines for video-based online mental health services. *Telemedicine Journal and E-Health*, **2013**, 19, 722-30	5.9	103
290	Using gaze-tracking data and mixture distribution analysis to support a holistic model for the detection of cancers on mammograms. *Academic Radiology*, **2008**, 15, 881-6	4.3	91
289	Searching for Lung Nodules. *Investigative Radiology*, **1989**, 24, 472-478	10.1	91
288	American Telemedicine Association Practice Guidelines for Telemental Health with Children and Adolescents. *Telemedicine Journal and E-Health*, **2017**, 23, 779-804	5.9	80
287	Routine surgical telepathology in the Department of Veterans Affairs: experience-related improvements in pathologist performance in 2200 cases. *Telemedicine and E-Health*, **1999**, 5, 323-37		79
286	Perceptual skill, radiology expertise, and visual test performance with NINA and WALDO. *Academic Radiology*, **1998**, 5, 603-12	4.3	76
285	Characterizing the development of visual search expertise in pathology residents viewing whole slide images. *Human Pathology*, **2013**, 44, 357-64	3.7	72
284	Influence of film and monitor display luminance on observer performance and visual search. *Academic Radiology*, **1999**, 6, 411-8	4.3	70

283	Radiology resident evaluation of head CT scan orders in the emergency department. *American Journal of Neuroradiology*, **2002**, 23, 103-7	4.4	69
282	Do long radiology workdays affect nodule detection in dynamic CT interpretation?. *Journal of the American College of Radiology*, **2012**, 9, 191-8	3.5	68
281	Clinical Examination Component of Telemedicine, Telehealth, mHealth, and Connected Health Medical Practices. *Medical Clinics of North America*, **2018**, 102, 533-544	7	67
280	Digital radiography image quality: image acquisition. *Journal of the American College of Radiology*, **2007**, 4, 371-88	3.5	63
279	Telemedicine/telehealth: an international perspective. Clinical applications in telemedicine/telehealth. *Telemedicine Journal and E-Health*, **2002**, 8, 13-34	5.9	61
278	Computer-displayed eye position as a visual aid to pulmonary nodule interpretation. *Investigative Radiology*, **1990**, 25, 890-6	10.1	60
277	Choosing a radiology workstation: technical and clinical considerations. *Radiology*, **2007**, 242, 671-82	20.5	59
276	American Telemedicine Association clinical guidelines for telepathology. *Journal of Pathology Informatics*, **2014**, 5, 39	4.4	58
275	Consistency and standardization of color in medical imaging: a consensus report. *Journal of Digital Imaging*, **2015**, 28, 41-52	5.3	57
274	Searching for bone fractures: a comparison with pulmonary nodule search. *Academic Radiology*, **1994**, 1, 25-32	4.3	55
273	American Telemedicine Association Practice Guidelines for Teledermatology. *Telemedicine Journal and E-Health*, **2008**, 14, 289-302	5.9	54
272	Addressing Burnout in Radiologists. *Academic Radiology*, **2019**, 26, 526-533	4.3	53
271	Gaze dwell times on acute trauma injuries missed because of satisfaction of search. *Academic Radiology*, **2001**, 8, 304-14	4.3	51
270	The influence of a perceptually linearized display on observer performance and visual search. *Academic Radiology*, **2000**, 7, 8-13	4.3	50
269	A Systematic Review of Fatigue in Radiology: Is It a Problem?. *American Journal of Roentgenology*, **2018**, 210, 799-806	5.4	48
268	The insidious problem of fatigue in medical imaging practice. *Journal of Digital Imaging*, **2012**, 25, 3-6	5.3	48
267	The solitary pulmonary nodule on chest radiography: can we really tell if the nodule is calcified?. *American Journal of Roentgenology*, **2001**, 176, 201-4	5.4	47
266	Accuracy of stepping-table lower extremity MR angiography with dual-level bolus timing and separate calf acquisition: hybrid peripheral MR angiography. *Radiology*, **2006**, 240, 283-90	20.5	46

265	Effect of Shift, Schedule, and Volume on Interpretive Accuracy: A Retrospective Analysis of 2.9 Million Radiologic Examinations. *Radiology*, **2018**, 287, 205-212	20.5	46
264	Investigating the link between radiologists gaze, diagnostic decision, and image content. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 1067-75	8.6	45
263	Digital radiography image quality: image processing and display. *Journal of the American College of Radiology*, **2007**, 4, 389-400	3.5	45
262	Tired in the Reading Room: The Influence of Fatigue in Radiology. *Journal of the American College of Radiology*, **2017**, 14, 191-197	3.5	44
261	The role of perception in imaging: past and future. *Seminars in Nuclear Medicine*, **2011**, 41, 392-400	5.4	44
260	Visual search of mammographic images: influence of lesion subtlety. *Academic Radiology*, **2005**, 12, 965-9.	4.3	44
259	Pigeons (Columba livia) as Trainable Observers of Pathology and Radiology Breast Cancer Images. *PLoS ONE*, **2015**, 10, e0141357	3.7	43
258	The Empirical Foundations of Teleradiology and Related Applications: A Review of the Evidence. *Telemedicine Journal and E-Health*, **2016**, 22, 868-898	5.9	42
257	Direct reporting of results to patients: the future of radiology?. *Academic Radiology*, **2012**, 19, 646-50	4.3	41
256	Cause of satisfaction of search effects in contrast studies of the abdomen. *Academic Radiology*, **1996**, 3, 815-26	4.3	41
255	Artificial intelligence will soon change the landscape of medical physics research and practice. *Medical Physics*, **2018**, 45, 1791-1793	4.4	40
254	Anniversary paper: evaluation of medical imaging systems. *Medical Physics*, **2008**, 35, 645-59	4.4	40
253	Pulmonary nodule detection and visual search: P45 and P104 monochrome versus color monitor displays. *Academic Radiology*, **2002**, 9, 638-45	4.3	40
252	Role of faulty decision making in the satisfaction of search effect in chest radiography. *Academic Radiology*, **2000**, 7, 1098-106	4.3	40
251	American Telemedicine Association Guidelines for TeleICU Operations. *Telemedicine Journal and E-Health*, **2016**, 22, 971-980	5.9	40
250	Practice Guidelines for Teledermatology. *Telemedicine Journal and E-Health*, **2016**, 22, 981-990	5.9	40
249	Reconciliation of diverse telepathology system designs. Historic issues and implications for emerging markets and new applications. *Apmis*, **2012**, 120, 256-75	3.4	39
248	Traditional versus telenursing outpatient management of patients with cancer with new ostomies. *Oncology Nursing Forum*, **2004**, 31, 1005-10	1.7	39

247	American Telemedicine Association Operating Procedures for Pediatric Telehealth. *Telemedicine Journal and E-Health*, **2017**, 23, 699-706	5.9	38
246	Observer performance using virtual pathology slides: impact of LCD color reproduction accuracy. *Journal of Digital Imaging*, **2012**, 25, 738-43	5.3	38
245	Computer-aided detection in clinical environment: benefits and challenges for radiologists. *Radiology*, **2004**, 231, 7-9	20.5	38
244	The use of a thrombus-specific ultrasound contrast agent to detect thrombus in arteriovenous fistulae. *Investigative Radiology*, **2000**, 35, 86-9	10.1	37
243	Use of a human visual system model to predict observer performance with CRT vs LCD display of images. *Journal of Digital Imaging*, **2004**, 17, 258-63	5.3	36
242	Visual interest in pictorial art during an aesthetic experience. *Spatial Vision*, **2008**, 21, 55-77		35
241	Measurement of visual strain in radiologists. *Academic Radiology*, **2009**, 16, 947-50	4.3	34
240	ATA practice guidelines for live, on-demand primary and urgent care. *Telemedicine Journal and E-Health*, **2015**, 21, 233-41	5.9	33
239	Using a human visual system model to optimize soft-copy mammography display: influence of display phosphor. *Academic Radiology*, **2003**, 10, 161-6	4.3	33
238	Searching for nodules: what features attract attention and influence detection?. *Academic Radiology*, **2003**, 10, 861-8	4.3	33
237	Gadolinium-enhanced 3D MR angiography of renal artery stenosis: a pilot comparison of maximum intensity projection, multiplanar reformatting, and 3D volume-rendering postprocessing algorithms. *Academic Radiology*, **2002**, 9, 50-9	4.3	33
236	Evaluation of a digital camera for acquiring radiographic images for telemedicine applications. *Telemedicine Journal and E-Health*, **2000**, 6, 297-302	5.9	33
235	Skin conductance and aesthetic evaluative responses to nonrepresentational works of art varying in symmetry. *Bulletin of the Psychonomic Society*, **1988**, 26, 355-358		33
234	Satisfaction of Search in Chest Radiography 2015. *Academic Radiology*, **2015**, 22, 1457-65	4.3	32
233	Exposure to, understanding of, and interest in interventional radiology in American medical students. *Academic Radiology*, **2013**, 20, 493-9	4.3	31
232	Medical imaging displays and their use in image interpretation. *Radiographics*, **2013**, 33, 275-90	5.4	31
231	Research recommendations for the american telemedicine association. *Telemedicine Journal and E-Health*, **2006**, 12, 579-89	5.9	31
230	Academic radiology: the reasons to stay or leave. *Academic Radiology*, **2003**, 10, 1461-8	4.3	31

229	The future of image perception in radiology: synergy between humans and computers. *Academic Radiology*, **2003**, 10, 1-3	4.3	31
228	Using a human visual system model to optimize soft-copy mammography display: influence of MTF compensation. *Academic Radiology*, **2003**, 10, 1030-5	4.3	31
227	Medical grade vs off-the-shelf color displays: influence on observer performance and visual search. *Journal of Digital Imaging*, **2009**, 22, 363-8	5.3	30
226	Differences in time to interpretation for evaluation of bone radiographs with monitor and film viewing. *Academic Radiology*, **1997**, 4, 177-82	4.3	29
225	The Effects of Fatigue From Overnight Shifts on Radiology Search Patterns and Diagnostic Performance. *Journal of the American College of Radiology*, **2018**, 15, 1709-1716	3.5	28
224	Quantitative analysis of hypoperfusion in acute stroke: arterial spin labeling versus dynamic susceptibility contrast. *Stroke*, **2013**, 44, 3090-6	6.7	28
223	Digital mammography image quality: image display. *Journal of the American College of Radiology*, **2006**, 3, 615-27	3.5	27
222	On-axis and off-axis viewing of images on CRT displays and LCDs: observer performance and vision model predictions. *Academic Radiology*, **2005**, 12, 957-64	4.3	26
221	Real-time occupational stress and fatigue measurement in medical imaging practice. *Journal of Digital Imaging*, **2012**, 25, 319-24	5.3	25
220	Comparison of conventional and computed radiography: assessment of image quality and reader performance in skeletal extremity trauma. *Academic Radiology*, **1997**, 4, 570-6	4.3	25
219	Oblique reformation in cervical spine computed tomography: a new look at an old friend. *Spine*, **2003**, 28, 167-70	3.3	25
218	A review of the first five years of the University of Arizona telepsychiatry programme. *Journal of Telemedicine and Telecare*, **2005**, 11, 234-9	6.8	25
217	The Empirical Foundations of Telepathology: Evidence of Feasibility and Intermediate Effects. *Telemedicine Journal and E-Health*, **2017**, 23, 155-191	5.9	23
216	Systemic Error in Radiology. *American Journal of Roentgenology*, **2017**, 209, 629-639	5.4	23
215	The challenges of following patients and assessing outcomes in teledermatology. *Journal of Telemedicine and Telecare*, **2004**, 10, 21-4	6.8	23
214	Myelographic MR imaging of the cervical spine with a 3D true fast imaging with steady-state precession technique: initial experience. *Radiology*, **2003**, 227, 585-92	20.5	23
213	Perceptual enhancement of tumor targets in chest X-ray images. *Perception & Psychophysics*, **1993**, 53, 519-26		23
212	F-FDG PET/CT Can Predict Development of Thyroiditis Due to Immunotherapy for Lung Cancer. *Journal of Nuclear Medicine Technology*, **2018**, 46, 260-264	1.1	22

211	The Medical Image Perception Society update on key issues for image perception research. *Radiology*, **2009**, 253, 230-3	20.5	22
210	Virtual slide telepathology workstation of the future: lessons learned from teleradiology. *Human Pathology*, **2009**, 40, 1100-11	3.7	22
209	Telemedicine versus in-person dermatology referrals: an analysis of case complexity. *Telemedicine Journal and E-Health*, **2002**, 8, 143-7	5.9	22
208	Compressing pathology whole-slide images using a human and model observer evaluation. *Journal of Pathology Informatics*, **2012**, 3, 17	4.4	22
207	Transphyseal involvement of pyogenic osteomyelitis is considerably more common than classically taught. *American Journal of Roentgenology*, **2014**, 203, 190-5	5.4	21
206	Increasing access to care via tele-health: the Arizona experience. *Journal of Ambulatory Care Management*, **2005**, 28, 16-23	0.8	21
205	Differential use of image enhancement techniques by experienced and inexperienced observers. *Journal of Digital Imaging*, **2005**, 18, 311-5	5.3	21
204	Perceptual and Interpretive Error in Diagnostic Radiology-Causes and Potential Solutions. *Academic Radiology*, **2019**, 26, 833-845	4.3	21
203	Influence of radiology report format on reading time and comprehension. *Journal of Digital Imaging*, **2012**, 25, 63-9	5.3	20
202	Biomechanical evaluation of suture-augmented locking plate fixation for proximal third fractures of the olecranon. *Journal of Orthopaedic Trauma*, **2012**, 26, 533-8	3.1	20
201	Accuracy of CT biopsy: laser guidance versus conventional freehand techniques. *Academic Radiology*, **1998**, 5, 766-70	4.3	20
200	Musculoskeletal magnetic resonance imaging: importance of radiography. *Skeletal Radiology*, **2003**, 32, 403-11	2.7	20
199	Enhanced visualization processing: effect on workflow. *Academic Radiology*, **2001**, 8, 1127-33	4.3	20
198	MR angiographic evaluation of platinum coil packs at 1.5T and 3T: an in vitro assessment of artifact production: technical note. *American Journal of Neuroradiology*, **2005**, 26, 848-53	4.4	20
197	Optimizing the pathology workstation "cockpit": Challenges and solutions. *Journal of Pathology Informatics*, **2010**, 1, 19	4.4	20
196	Virtual slide telepathology enables an innovative telehealth rapid breast care clinic. *Seminars in Diagnostic Pathology*, **2009**, 26, 177-86	4.3	19
195	The place of medical image perception in 21st-century health care. *Journal of the American College of Radiology*, **2006**, 3, 409-12	3.5	19
194	The Impact of the COVID-19 Pandemic on the Radiology Research Enterprise: Radiology Scientific Expert Panel. *Radiology*, **2020**, 296, E134-E140	20.5	19

193	Evaluation of Low-Contrast Detectability of Iterative Reconstruction across Multiple Institutions, CT Scanner Manufacturers, and Radiation Exposure Levels. *Radiology*, **2015**, 277, 124-33	20.5	18
192	Utilization of the American Telemedicine Association clinical practice guidelines. *Telemedicine Journal and E-Health*, **2013**, 19, 846-51	5.9	18
191	Health Care Price Transparency and Communication: Implications for Radiologists and Patients in an Era of Expanding Shared Decision Making. *American Journal of Roentgenology*, **2017**, 209, 959-964	5.4	18
190	Influence of image processing on chest radiograph interpretation and decision changes. *Academic Radiology*, **1998**, 5, 79-85	4.3	18
189	A perceptually based method for enhancing pulmonary nodule recognition. *Investigative Radiology*, **1993**, 28, 289-94	10.1	18
188	Invention and Early History of Telepathology (1985-2000). *Journal of Pathology Informatics*, **2019**, 10, 1	4.4	18
187	Comparison of the accuracy of CT volume calculated by circumscription to prolate ellipsoid volume (bidimensional measurement multiplied by coronal long axis). *Academic Radiology*, **2009**, 16, 181-6	4.3	17
186	Reduction of patient exposure in pediatric radiology. *Academic Radiology*, **1997**, 4, 547-57	4.3	17
185	White matter ischemic changes in hyperacute ischemic stroke: voxel-based analysis using diffusion tensor imaging and MR perfusion. *Stroke*, **2015**, 46, 413-8	6.7	16
184	Radiology, Mobile Devices, and Internet of Things (IoT). *Journal of Digital Imaging*, **2020**, 33, 735-746	5.3	16
183	Successful models for telehealth. *Otolaryngologic Clinics of North America*, **2011**, 44, 1275-88, vii-viii	2	16
182	Evaluation of a flat CRT monitor for use in radiology. *Journal of Digital Imaging*, **2001**, 14, 142-8	5.3	16
181	Emergency department coverage by academic departments of radiology. *Academic Radiology*, **2000**, 7, 165-70	4.3	16
180	A New Software Platform to Improve Multidisciplinary Tumor Board Workflows and User Satisfaction: A Pilot Study. *Journal of Pathology Informatics*, **2018**, 9, 26	4.4	16
179	Semiquantitative Analysis of Dopamine Transporter Scans in Patients With Parkinson Disease. *Clinical Nuclear Medicine*, **2018**, 43, e1-e7	1.7	16
178	American Telemedicine Association Guidelines for Teleburn. *Telemedicine Journal and E-Health*, **2017**, 23, 365-375	5.9	15
177	Feasibility of remote CT colonography at two rural Native American medical centers. *American Journal of Roentgenology*, **2010**, 195, 1110-7	5.4	15
176	Technology and perception in the 21st-century reading room. *Journal of the American College of Radiology*, **2006**, 3, 433-40	3.5	15

175	The Impact of Fatigue on Satisfaction of Search in Chest Radiography. *Academic Radiology*, **2017**, 24, 1058-1063	4.3	14
174	Art and authenticity: Behavioral and eye-movement analyses.. *Psychology of Aesthetics, Creativity, and the Arts*, **2015**, 9, 356-367	4.9	14
173	PACS displays: how to select the right display technology. *Journal of the American College of Radiology*, **2014**, 11, 1270-6	3.5	14
172	High-volume teleradiology service: focus on radiologist satisfaction. *Journal of Digital Imaging*, **2003**, 16, 203-9	5.3	14
171	The State of Radiology AI: Considerations for Purchase Decisions and Current Market Offerings. *Radiology: Artificial Intelligence*, **2020**, 2, e200004	8.7	14
170	A Scoping Review of Sensors, Wearables, and Remote Monitoring For Behavioral Health: Uses, Outcomes, Clinical Competencies, and Research Directions. *Journal of Technology in Behavioral Science*, **2021**, 6, 278-313	2.3	14
169	Retrospective review of the drop in observer detection performance over time in lesion-enriched experimental studies. *Journal of Digital Imaging*, **2015**, 28, 32-40	5.3	13
168	Innovations and Possibilities in Connected Health. *Journal of the American Academy of Audiology*, **2015**, 26, 761-7	1.3	13
167	Receiver-operating-characteristic analysis of an automated program for analyzing striatal uptake of 123I-ioflupane SPECT images: calibration using visual reads. *Journal of Nuclear Medicine Technology*, **2013**, 41, 26-31	1.1	13
166	Exploring the potential of context-sensitive CADe in screening mammography. *Medical Physics*, **2010**, 37, 5728-36	4.4	13
165	Comparison of eye position versus computer identified microcalcification clusters on mammograms. *Medical Physics*, **1997**, 24, 17-23	4.4	13
164	Academic radiologistsʘon-call and late-evening duties. *Journal of the American College of Radiology*, **2007**, 4, 716-9	3.5	13
163	An analysis of unsuccessful teleconsultations. *Journal of Telemedicine and Telecare*, **2004**, 10, 6-10	6.8	13
162	Medical image perception issues for PACS deployment. *Seminars in Roentgenology*, **2003**, 38, 231-43	0.8	13
161	Creation and validation of a chest X-ray dataset with eye-tracking and report dictation for AI development. *Scientific Data*, **2021**, 8, 92	8.2	13
160	Image quality control for digital mammographic systems: initial experience and outlook. *Journal of Digital Imaging*, **1995**, 8, 52-66	5.3	12
159	Effect of fatigue on reading computed tomography examination of the multiply injured patient. *Journal of Medical Imaging*, **2017**, 4, 035504	2.6	12
158	The Influence of a Vocalized Checklist on Detection of Multiple Abnormalities in Chest Radiography. *Academic Radiology*, **2016**, 23, 413-20	4.3	11

157	On the data acquisition, image reconstruction, cone beam artifacts, and their suppression in axial MDCT and CBCT - A review. *Medical Physics*, **2018**, 45, e761	4.4	11
156	Expert witness blinding strategies to mitigate bias in radiology malpractice cases: a comprehensive review of the literature. *Journal of the American College of Radiology*, **2014**, 11, 868-73	3.5	11
155	Demystifying occupational stress and fatigue through the creation of an adaptive end-user profiling system. *Journal of Digital Imaging*, **2012**, 25, 201-5	5.3	11
154	Classification schema of symptomatic enterogastric reflux utilizing sincalide augmentation on hepatobiliary scintigraphy. *Journal of Nuclear Medicine Technology*, **2014**, 42, 198-202	1.1	11
153	Update on long-term goals for medical image perception research. *Academic Radiology*, **1998**, 5, 629-33	4.3	11
152	Proposed ACGME change in length of radiology residency training before independent call: results of a survey of program directors and chief residents. *Journal of the American College of Radiology*, **2007**, 4, 595-601	3.5	11
151	Evaluation of and compensation for spatial noise of LCDs in medical applications. *Medical Physics*, **2005**, 32, 578-87	4.4	11
150	Current Clinical Applications of Artificial Intelligence in Radiology and Their Best Supporting Evidence. *Journal of the American College of Radiology*, **2020**, 17, 1371-1381	3.5	10
149	The Agony of It All: Musculoskeletal Discomfort in the Reading Room. *Journal of the American College of Radiology*, **2017**, 14, 1620-1625	3.5	10
148	Evaluation of an Objective Striatal Analysis Program for Determining Laterality in Uptake of □□-Ioflupane SPECT Images: Comparison to Clinical Symptoms and to Visual Reads. *Journal of Nuclear Medicine Technology*, **2014**, 42, 105-8	1.1	10
147	Mosaics versus Early Treatment Diabetic Retinopathy seven standard fields for evaluation of diabetic retinopathy severity. *Retina*, **2011**, 31, 1553-63	3.6	10
146	Virtual slide telepathology workstation-of-the-future: lessons learned from teleradiology. *Seminars in Diagnostic Pathology*, **2009**, 26, 194-205	4.3	10
145	Using a human visual system model to optimize soft-copy mammography display: influence of veiling glare. *Academic Radiology*, **2006**, 13, 289-95	4.3	10
144	The Arizona Telemedicine Program business model. *Journal of Telemedicine and Telecare*, **2005**, 11, 397-402	4.3	10
143	Accuracy of High-Resolution Ultrasonography in the Detection of Extensor Tendon Lacerations. *Annals of Plastic Surgery*, **2016**, 76, 187-92	1.7	10
142	Sensor, Wearable, and Remote Patient Monitoring Competencies for Clinical Care and Training: Scoping Review. *Journal of Technology in Behavioral Science*, **2021**, 6, 1-26	2.3	10
141	Patient Compliance in the Setting of BI-RADS Category 3: What Factors Impact Compliance With Short-Term Follow-Up Recommendations?. *Breast Journal*, **2017**, 23, 77-82	1.2	9
140	Multi-parametric MR imaging of quadriceps musculature in the setting of clinical frailty syndrome. *Skeletal Radiology*, **2016**, 45, 583-9	2.7	9

139	Understanding visual search patterns of dermatologists assessing pigmented skin lesions before and after online training. *Journal of Digital Imaging*, **2014**, 27, 779-85	5.3	9
138	Diagnostic Accuracy and Visual Search Efficiency: Single 8␣MP vs. Dual 5␣MP Displays. *Journal of Digital Imaging*, **2017**, 30, 144-147	5.3	9
137	Assessing first year radiology resident competence pre-call: development and implementation of a computer-based exam before and after the 12 month training requirement. *Academic Radiology*, **2012**, 19, 752-8	4.3	9
136	Impact of hindsight bias on interpretation of nonenhanced computed tomographic head scans for acute stroke. *Journal of Computer Assisted Tomography*, **2010**, 34, 229-32	2.2	9
135	Academic radiology and doctor discontent: the good news and the bad news. *Academic Radiology*, **2001**, 8, 509-11	4.3	9
134	Observer performance comparison of digital radiograph systems for stereotactic breast needle biopsy. *Academic Radiology*, **1995**, 2, 116-22	4.3	9
133	Ultrasound evaluation of sacroiliac motion in normal volunteers. *Academic Radiology*, **1996**, 3, 192-6	4.3	9
132	Search pattern training for evaluation of central venous catheter positioning on chest radiographs. *Journal of Medical Imaging*, **2018**, 5, 031407	2.6	9
131	Rapid Systemwide Implementation of Outpatient Telehealth in Response to the COVID-19 Pandemic. *Journal of Healthcare Management*, **2020**, 65, 443-452	0.6	9
130	Impact of Patient Photographs on Radiologists␣Visual Search of Chest Radiographs. *Academic Radiology*, **2016**, 23, 953-60	4.3	9
129	Ultrasound Evaluation of Morton Neuroma Before and After Laser Therapy. *American Journal of Roentgenology*, **2017**, 208, 380-385	5.4	8
128	The Application of Technology to Health: The Evolution of Telephone to Telemedicine and Telepsychiatry: A Historical Review and Look at Human Factors. *Journal of Technology in Behavioral Science*, **2017**, 2, 5-20	2.3	8
127	A "Pathology Explanation Clinic (PEC)" for Patient-Centered Laboratory Medicine Test Results. *Academic Pathology*, **2018**, 5, 2374289518756306	1.3	8
126	Communicating Uncertainty in Surgical Pathology Reports: A Survey of Staff Physicians and Residents at an Academic Medical Center. *Academic Pathology*, **2016**, 3, 2374289516659079	1.3	8
125	Research Resources Survey: Radiology Junior Faculty Development. *Academic Radiology*, **2015**, 22, 918-32	4.3	8
124	Image Quality of CRT displays and the effect of brightness of diagnosis of mammograms. *Journal of Digital Imaging*, **1998**, 11, 187-8	5.3	8
123	Patterns of use and satisfaction with a university-based teleradiology system. *Journal of Digital Imaging*, **1999**, 12, 166-7	5.3	8
122	Estimation of volumes of distribution and intratumoral ethanol concentrations by computed tomography scanning after percutaneous ethanol injection. *Academic Radiology*, **1996**, 3, 49-56	4.3	8

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120	Radiology Research Funding: Current State and Future Opportunities. *Academic Radiology*, **2018**, 25, 26-39	4.3	7
119	Flexner 3.0-Democratization of Medical Knowledge for the 21st Century: Teaching Medical Science Using K-12 General Pathology as a Gateway Course. *Academic Pathology*, **2016**, 3, 2374289516636132	1.3	7
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117	Grading diabetic retinopathy severity from compressed digital retinal images compared with uncompressed images and film. *Retina*, **2010**, 30, 1651-61	3.6	7
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