Paul G Nagy

List of Publications by Year
in descending order

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133 papers	2,610 citations	257450 24 h-index	223800 46 g-index
137 all docs	137 docs citations	137 times ranked	3631 citing authors

#	Article	IF	Citations
1	Cognitive and System Factors Contributing to Diagnostic Errors in Radiology. American Journal of Roentgenology, 2013, 201, 611-617.	2.2	264
2	Patient Trajectories Among Persons Hospitalized for COVID-19. Annals of Internal Medicine, 2021, 174, 33-41.	3.9	186
3	A 1-Year Study of Osteoinduction in Hydroxyapatite-Derived Biomaterials in an Adult Sheep Model: Part I. Plastic and Reconstructive Surgery, 2002, 109, 619-630.	1.4	167
4	Inherent Variability of CT Lung Nodule Measurements In Vivo Using Semiautomated Volumetric Measurements. American Journal of Roentgenology, 2006, 186, 989-994.	2.2	132
5	Cloud computing in medical imaging. Medical Physics, 2013, 40, 070901.	3.0	105
6	Using Patient Portals to Improve Patient Outcomes: Systematic Review. JMIR Human Factors, 2019, 6, e15038.	2.0	96
7	The Academic RVU: A System for Measuring Academic Productivity. Journal of the American College of Radiology, 2007, 4, 471-478.	1.8	92
8	Hello World Deep Learning in Medical Imaging. Journal of Digital Imaging, 2018, 31, 283-289.	2.9	79
9	A 1-Year Study of Osteoinduction in Hydroxyapatite-Derived Biomaterials in an Adult Sheep Model: Part II. Bioengineering Implants to Optimize Bone Replacement in Reconstruction of Cranial Defects. Plastic and Reconstructive Surgery, 2004, 114, 1155-1163.	1.4	69
10	The National Mammography Database: Preliminary Data. American Journal of Roentgenology, 2016, 206, 883-890.	2.2	66
11	Mandatory Child Life Consultation and Its Impact on Pediatric MRI Workflow in an Academic Medical Center. Journal of the American College of Radiology, 2015, 12, 594-598.	1.8	64
12	Informatics in Radiology: Automated Web-based Graphical Dashboard for Radiology Operational Business Intelligence. Radiographics, 2009, 29, 1897-1906.	3.3	54
13	Benefits of Using the DCM4CHE DICOM Archive. Journal of Digital Imaging, 2007, 20, 125-129.	2.9	51
14	Radio Frequency Identification Systems Technology in the Surgical Setting. Surgical Innovation, 2006, 13, 61-67.	0.9	45
15	The Future of the Radiology Information System. American Journal of Roentgenology, 2013, 200, 1064-1070.	2.2	43
16	Rapid Development of Medical Imaging Tools with Open-Source Libraries. Journal of Digital Imaging, 2007, 20, 83-93.	2.9	42
17	Will the Next Generation of PACS Be Sitting on a Cloud?. Journal of Digital Imaging, 2011, 24, 179-183.	2.9	37
18	Medical Imaging Displays and Their Use in Image Interpretation. Radiographics, 2013, 33, 275-290.	3.3	36

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19	A 1-Year Study of Hydroxyapatite-Derived Biomaterials in an Adult Sheep Model: III. Comparison with Autogenous Bone Graft for Facial Augmentation. Plastic and Reconstructive Surgery, 2005, 116, 1044-1052.	1.4	34
20	Open Source in Imaging Informatics. Journal of Digital Imaging, 2007, 20, 1-10.	2.9	33
21	Quality Control Management and Communication Between Radiologists and Technologists. Journal of the American College of Radiology, 2008, 5, 759-765.	1.8	28
22	Is Android or iPhone the Platform for Innovation in Imaging Informatics. Journal of Digital Imaging, 2010, 23, 2-7.	2.9	28
23	Online Social Networking: A Primer for Radiology. Journal of Digital Imaging, 2011, 24, 908-912.	2.9	26
24	Business Intelligence for the Radiologist: Making Your Data Work for You. Journal of the American College of Radiology, 2014, 11, 1238-1240.	1.8	25
25	PACS Reading Room Design. Seminars in Roentgenology, 2003, 38, 244-255.	0.6	24
26	CT of Deep Venous Thrombosis and Pulmonary Embolus: Does Iso-osmolar Contrast Agent Improve Vascular Opacification?. Radiology, 2005, 234, 923-928.	7.3	24
27	The Role of Open-Source Software in Innovation and Standardization in Radiology. Journal of the American College of Radiology, 2005, 2, 927-931.	1.8	22
28	Building Virtual Communities of Practice. Journal of the American College of Radiology, 2006, 3, 716-720.	1.8	22
29	Patient-Centered Radiology with FHIR: an Introduction to the Use of FHIR to Offer Radiology a Clinically Integrated Platform. Journal of Digital Imaging, 2018, 31, 327-333.	2.9	22
30	Use of a Wiki as a Radiology Departmental Knowledge Management System. Journal of Digital Imaging, 2010, 23, 142-151.	2.9	20
31	Fundamentals of Quality and Safety in Diagnostic Radiology. Journal of the American College of Radiology, 2014, 11, 1115-1120.	1.8	20
32	PACSPulse: A Web-based DICOM Network Traffic Monitor and Analysis Tool. Radiographics, 2003, 23, 795-801.	3.3	19
33	The Health Care Value Transparency Movement and Its Implications for Radiology. Journal of the American College of Radiology, 2015, 12, 51-58.	1.8	18
34	Quality Measurements in Radiology: A SystematicÂReview of the Literature and Survey ofÂRadiology Benefit Management Groups. Journal of the American College of Radiology, 2015, 12, 1173-1181.e23.	1.8	17
35	Leveraging Internet Technologies with DICOM WADO. Journal of Digital Imaging, 2012, 25, 646-652.	2.9	16
36	Six Easy Steps on How to Create a Lean Sigma Value Stream Map for a Multidisciplinary Clinical Operation. Journal of the American College of Radiology, 2014, 11, 1144-1149.	1.8	16

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37	Evaluation of Resident Familiarity and Utilization of the ACR Musculoskeletal Study Appropriateness Criteria in the Context of Medical Decision Support. Academic Radiology, 2010, 17, 251-254.	2.5	15
38	Going to the Gemba: Identifying Opportunities for Improvement in Radiology. Journal of the American College of Radiology, 2013, 10, 977-979.	1.8	15
39	Novel, Web-Based, Information-Exploration Approach for Improving Operating Room Logistics and System Processes. Surgical Innovation, 2008, 15, 7-16.	0.9	14
40	Using Quality Improvement Methods toÂImprove Patient Experience. Journal of the American College of Radiology, 2016, 13, 1550-1554.	1.8	14
41	Building Stronger Online Communities Through the Creation of Facebook-Integrated Health Applications. JAMA Pediatrics, 2017, 171, 933.	6.2	14
42	Defining the PACS Profession: An Initial Survey of Skills, Training, and Capabilities for PACS Administrators. Journal of Digital Imaging, 2005, 18, 252-259.	2.9	13
43	Guide to Effective Quality Improvement Reporting in Radiology. Radiology, 2014, 271, 561-573.	7.3	13
44	The Armstrong Institute Resident/Fellow Scholars. American Journal of Medical Quality, 2016, 31, 224-232.	0.5	13
45	Use of a Thin-Section Archive and Enterprise 3D Software for Long-Term Storage of Thin-Slice CT Data Sets. Journal of Digital Imaging, 2006, 19, 84-88.	2.9	12
46	A Presentation System for Just-in-time Learning in Radiology. Journal of Digital Imaging, 2007, 20, 6-16.	2.9	12
47	Five Levels of PACS Modularity: Integrating 3D and Other Advanced Visualization Tools. Journal of Digital Imaging, 2011, 24, 1096-1102.	2.9	12
48	Mastering DICOM with DVTk. Journal of Digital Imaging, 2007, 20, 47-62.	2.9	11
49	The Lean Concept of Waste in Radiology. Journal of the American College of Radiology, 2011, 8, 443-445.	1.8	11
50	What Are Your Goals for Peer Review? A Framework for Understanding Differing Methods. Journal of the American College of Radiology, 2012, 9, 929-930.	1.8	11
51	Utilizing the 5S Methodology for Radiology Workstation Design: Applying Lean Process Improvement Methods. Journal of the American College of Radiology, 2013, 10, 633-634.	1.8	11
52	Radiologist Technologist Communication. Journal of the American College of Radiology, 2013, 10, 144-145.	1.8	11
53	Determination and Communication of Critical Findings in Neuroradiology. Journal of the American College of Radiology, 2013, 10, 45-50.	1.8	11
54	Reporting of Critical Findings in Neuroradiology. American Journal of Roentgenology, 2013, 200, 1132-1137.	2.2	11

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55	Radiology Resident Assessment and Feedback Dashboard. Radiographics, 2018, 38, 1443-1453.	3.3	11
56	The future of PACS. Medical Physics, 2007, 34, 2676-2682.	3.0	10
57	Vision and Quality in the Digital Imaging Environment: How Much Does the Visual Acuity of Radiologists Vary at an Intermediate Distance?. American Journal of Roentgenology, 2009, 192, W335-W340.	2.2	10
58	Should Medical Schools Incorporate Formal Training in Informatics?. Journal of Digital Imaging, 2011, 24, 1-5.	2.9	10
59	Should Post-Processing Be Performed by the Radiologist?. Journal of Digital Imaging, 2011, 24, 378-381.	2.9	10
60	Neuroradiology Second Opinion Consultation Service: Assessment of Duplicative Imaging. American Journal of Roentgenology, 2013, 201, 1096-1100.	2.2	9
61	The Impact of Imaging Informatics Fellowships. Journal of Digital Imaging, 2016, 29, 438-442.	2.9	9
62	The A3 Quality Improvement Project Management Tool for Radiology. Journal of the American College of Radiology, 2016, 13, 408-410.	1.8	9
63	Neuroradiology Critical Findings Lists: Survey of Neuroradiology Training Programs. American Journal of Neuroradiology, 2013, 34, 735-739.	2.4	8
64	Hand sanitizer-dispensing door handles increase hand hygiene compliance: A pilot study. American Journal of Infection Control, 2014, 42, 443-445.	2.3	8
65	Reducing Errors From Cognitive Biases Through Quality Improvement Projects. Journal of the American College of Radiology, 2017, 14, 852-853.	1.8	8
66	How Effective are Your Mentoring Relationships? Mentoring Quiz for Residents. Current Problems in Diagnostic Radiology, 2017, 46, 3-5.	1.4	8
67	Tracking Delays in Report Availability Caused by Incorrect Exam Status with Web-Based Issue Tracking: A Quality Initiative. Journal of Digital Imaging, 2011, 24, 300-307.	2.9	7
68	Five Roles for Quality Leadership in Radiology. Journal of the American College of Radiology, 2012, 9, 282-284.	1.8	7
69	Informatics Leaders in Radiology: Who They Are and Why You Need Them. Journal of the American College of Radiology, 2014, 11, 1241-1250.	1.8	7
70	Patient Satisfaction: Opportunities for Quality Improvement. Journal of the American College of Radiology, 2014, 11, 830-831.	1.8	7
71	The Power of Involving House Staff in Quality Improvement. American Journal of Medical Quality, 2015, 30, 323-327.	0.5	7
72	Radtracker: A Web-Based Open-Source Issue Tracking Tool. Journal of Digital Imaging, 2002, 15, 114-119.	2.9	6

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73	Anniversary Paper: Roles of medical physicists and health care applications of informatics. Medical Physics, 2008, 35, 119-127.	3.0	6
74	Should Radiology IT be Owned by the Chief Information Officer?. Journal of Digital Imaging, 2009, 22, 218-221.	2.9	6
75	A Resident Journal Club for Quality Improvement. Journal of the American College of Radiology, 2011, 8, 225-227.	1.8	6
76	Building Blocks for a Clinical Imaging Informatics Environment. Journal of Digital Imaging, 2014, 27, 174-181.	2.9	6
77	Collaborative and Reproducible Research: Goals, Challenges, and Strategies. Journal of Digital Imaging, 2018, 31, 275-282.	2.9	6
78	A Survey of Imaging Informatics Fellowships and Their Curricula: Current State Assessment. Journal of Digital Imaging, 2019, 32, 91-96.	2.9	6
79	A Suggested Classification Guide for PACS Client Applications: The Five Degrees of Thickness. Journal of Digital Imaging, 2006, 19, 78-83.	2.9	5
80	Enabling Comparative Effectiveness Research with Informatics. Academic Radiology, 2011, 18, 1072-1076.	2.5	5
81	PACS and the Potential for Medical Errors. Journal of the American College of Radiology, 2012, 9, 756-758.	1.8	5
82	Events That Have Shaped the Quality Movement in Radiology. Journal of the American College of Radiology, 2012, 9, 437-439.	1.8	5
83	Quality Improvement Projects for Residents. Journal of the American College of Radiology, 2013, 10, 301-302.	1.8	5
84	Developing and Verifying the Psychometric Integrity of the Certification Examination for Imaging Informatics Professionals. Journal of Digital Imaging, 2010, 23, 241-245.	2.9	4
85	Building a Community of Practice for Quality. Journal of the American College of Radiology, 2010, 7, 808-809.	1.8	4
86	Online Radiology Quality Resources. Journal of the American College of Radiology, 2010, 7, 459-460.	1.8	4
87	Tips for Incorporating Quality Improvement Projects Into a Residency Program Curriculum. Journal of the American College of Radiology, 2011, 8, 84-85.	1.8	4
88	Has the Picture Archiving and Communication System (PACS) Become a Commodity?. Journal of Digital Imaging, 2011, 24, 6-10.	2.9	4
89	Certification of Imaging Informatics Professionals (CIIP): 2010 Survey of Diplomates. Journal of Digital Imaging, 2012, 25, 678-681.	2.9	4
90	The Effective Quality Officer: The Role of Trust, Boundaries, and Relationships. Journal of the American College of Radiology, 2013, 10, 802-804.	1.8	4

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91	Storage and Enterprise Archiving. , 2006, , 319-345.		4
92	Editorial. Journal of Digital Imaging, 2002, 15, 114-115.	2.9	3
93	Don't Ignore the â€œProcessâ€•to Quality Improvement. Journal of the American College of Radiology, 2010, 7, 644-645.	1.8	3
94	Computer Input Devices: Neutral Party or Source of Significant Error in Manual Lesion Segmentation?. Journal of Digital Imaging, 2011, 24, 135-141.	2.9	3
95	The Safety Attitudes Questionnaire in Radiology: A Cornerstone of a Successful Quality Program. Journal of the American College of Radiology, 2012, 9, 150-151.	1.8	3
96	Unbiased Review of Digital Diagnostic Images in Practice. Academic Radiology, 2013, 20, 238-242.	2.5	3
97	Quality Improvement Projects for Value-Based Care in Breast Imaging. Journal of the American College of Radiology, 2014, 11, 1189-1190.	1.8	3
98	Quality and Safety as the Spark for Employee Engagement. Journal of the American College of Radiology, 2014, 11, 209-211.	1.8	3
99	The Role of Social Media in Quality Improvement. Journal of the American College of Radiology, 2017, 14, 577-578.	1.8	3
100	Learning From High-Reliability Organizations. Journal of the American College of Radiology, 2011, 8, 725-726.	1.8	2
101	Performance Quality Improvement Projects: Suggestions for Interventional Radiologists. Journal of the American College of Radiology, 2011, 8, 585-587.	1.8	2
102	Functions of the Quality Committee in Radiology. Journal of the American College of Radiology, 2012, 9, 586-588.	1.8	2
103	Data Drives Quality Improvement. Journal of the American College of Radiology, 2015, 12, 1296-1297.	1.8	2
104	Performance Quality Improvement in Community Practice. Journal of the American College of Radiology, 2015, 12, 607-609.	1.8	2
105	Comparing Preliminary and Final Neuroradiology Reports: What Factors Determine the Differences?. American Journal of Neuroradiology, 2016, 37, 1977-1982.	2.4	2
106	Quality Improvement and Leadership Development. Journal of the American College of Radiology, 2016, 13, 182-183.	1.8	2
107	Quality Improvement and the Science of Behavior Change. Journal of the American College of Radiology, 2017, 14, 272-273.	1.8	2
108	Evaluation of a Training Program to Improve Organizational Capacity for Health Systems Analytics. Applied Clinical Informatics, 2019, 10, 634-642.	1.7	2

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109	Importance of certified and qualified personnel for managing PACS. Radiology Management, 2010, 32, 10-3.	0.0	2
110	Demystifying data storage: Archiving options for PACS. , 0, , 18-22.		2
111	<title>Effect of dual-energy subtraction on performance of a commercial computer-assisted diagnosis system in detection of pulmonary nodules</title>. , 2005, 5748, 392.		1
112	Letter to the Editor Re: Voice Recognition Dictation: Radiologist as Transcriptionist and Improvement of Report Workflow and Productivity Using Speech Recognitionâ€"A Follow-up Study. Journal of Digital Imaging, 2009, 22, 560-561.	2.9	1
113	The IIP Examination: an Analysis of Group Performance 2009â€"2011. Journal of Digital Imaging, 2013, 26, 378-382.	2.9	1
114	The Radiology Communication Quiz: Are You an Effective Communicator?. Journal of the American College of Radiology, 2015, 12, 1082-1084.	1.8	1
115	Predicting PACS loading and performance metrics using Monte Carlo and queuing methods. , 2003, , .		1
116	There is no legitimate role for an applications service provider in radiology. Medical Physics, 2002, 29, 638-640.	3.0	0
117	Editorial: Online SCAR Expert Hotline. Journal of Digital Imaging, 2004, 17, 75-77.	2.9	0
118	<title>Using RSS feeds to track open source radiology informatics projects</title>. , 2005, , .		0
119	Incorporating Professionalism in Patient Safety Programs: An Introduction for Radiologists. Journal of the American College of Radiology, 2010, 7, 983-985.	1.8	0
120	Introducing â€œQuality Mattersâ€• Journal of the American College of Radiology, 2010, 7, 146-147.	1.8	0
121	A Suggested Bookshelf for Quality Improvement in Radiology. Journal of the American College of Radiology, 2010, 7, 299-300.	1.8	0
122	Performance Quality Improvement Projects: Suggestions for Radiologists Who Image Children. Journal of the American College of Radiology, 2011, 8, 875-877.	1.8	0
123	Performance Quality Improvement Projects in Musculoskeletal Radiology. Journal of the American College of Radiology, 2013, 10, 475-476.	1.8	0
124	Introduction to the Special Issueâ€"Quality Improvement in Radiology. Journal of the American College of Radiology, 2014, 11, 1113-1114.	1.8	0
125	Changes to Stage 1 Meaningful Use in 2014: Impact on Radiologists. Journal of Digital Imaging, 2014, 27, 292-296.	2.9	0
126	Creating Radiology Enterprise Awareness at Transitions of Care. Journal of the American College of Radiology, 2014, 11, 1005-1007.	1.8	0

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127	Quality Improvement Projects Based in the Emergency Department. Journal of the American College of Radiology, 2014, 11, 423-424.	1.8	0
128	The Opportunity for the Medical Physicist in Quality Improvement. Journal of the American College of Radiology, 2014, 11, 632-633.	1.8	0
129	Performance Quality Improvement Projects: Suggestions for the Body Imager. Journal of the American College of Radiology, 2015, 12, 201-203.	1.8	0
130	Making Quality Improvement Projects Relevant to the 6 Institute of Medicine Aims. Journal of the American College of Radiology, 2015, 12, 415-416.	1.8	0
131	TH-E-330D-01: BIROW - Biomedical Imaging Research Opportunities Workshop: Intersociety Project to Accelerate Biomedical Imaging Discovery and Application - Part II. Medical Physics, 2006, 33, 2289-2289.	3.0	0
132	Impact of entrepreneurship training on clinician engagement in innovation creation: an evaluation of the Johns Hopkins Hexcite programme. BMJ Leader, 2022, 6, leader-2019-000197.	1.5	0
133	A scoping review of knowledge authoring tools used for developing computerized clinical decision support systems. JAMIA Open, 2021, 4, ooab106.	2.0	0