

James R Duncan

List of Publications by Year in descending order

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53
papers

1,797
citations

430874

18
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis. <i>New England Journal of Medicine</i> , 2017, 377, 2240-2252.	27.0	557
2	Trends in Use of Medical Imaging in US Health Care Systems and in Ontario, Canada, 2000-2016. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 843.	7.4	350
3	Embolization of Portal Vein Branches Induces Hepatocyte Replication in Swine: A Potential Step in Hepatic Gene Therapy. <i>Radiology</i> , 1999, 210, 467-477.	7.3	67
4	Metabolism of receptor targeted ¹¹¹ In-DTPA-glycoproteins: Identification of ¹¹¹ In-DTPA- μ -lysine as the primary metabolic and excretory product. <i>Nuclear Medicine and Biology</i> , 1994, 21, 1023-1034.	0.6	63
5	Biodistribution and metabolism of targeted and nontargeted protein-chelate-gadolinium complexes: Evidence for gadolinium dissociation in vitro and in vivo. <i>Magnetic Resonance Imaging</i> , 1995, 13, 201-214.	1.8	61
6	Retained Guidewires After Intraoperative Placement of Central Venous Catheters. <i>Anesthesia and Analgesia</i> , 2013, 117, 102-108.	2.2	56
7	Portal Branch Occlusion Safely Facilitates In Vivo Retroviral Vector Transduction of Rat Liver. <i>Human Gene Therapy</i> , 1996, 7, 2113-2121.	2.7	40
8	Effects of Schwann cells and donor antigen on long-nerve allograft regeneration. <i>Microsurgery</i> , 2005, 25, 61-70.	1.3	38
9	Overnight Resident versus 24-hour Attending Radiologist Coverage in Academic Medical Centers. <i>Radiology</i> , 2018, 289, 809-813.	7.3	38
10	CT Dose Optimization in Pediatric Radiology: A Multiyear Effort to Preserve the Benefits of Imaging While Reducing the Risks. <i>Radiographics</i> , 2015, 35, 1539-1554.	3.3	37
11	Identification of the Soluble In Vivo Metabolites of Indium-111-Diethylenetriaminepentaacetic Acid-d-Phe1-Octreotide. <i>Bioconjugate Chemistry</i> , 1998, 9, 192-200.	3.6	36
12	PROOF Trial: Protection from Pulmonary Embolism with the OptEase Filter. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 1165-1170.	0.5	34
13	Percutaneous Stent-Graft Treatment of Superior Mesenteric and Internal Iliac Artery Pseudoaneurysms. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 917-922.	0.5	29
14	Strategies for Improving Safety and Quality in Interventional Radiology. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 3-7.	0.5	24
15	Society of Interventional Radiology IR Pre-Procedure Patient Safety Checklist by the Safety and Health Committee. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 695-699.	0.5	24
16	The biodistribution of [¹⁵³ Gd]Gd ³⁺ -labeled magnetic resonance contrast agents in a transgenic mouse model of renal failure differs greatly from control mice. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1274-1280.	3.0	22
17	Endovascular Treatment of Superior Mesenteric Artery Pseudoaneurysms Using Covered Stents in Six Patients. <i>American Journal of Roentgenology</i> , 2014, 203, 432-438.	2.2	20
18	Analysis of Simulated Angiographic Procedures. Part 2: Extracting Efficiency Data from Audio and Video Recordings. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 535-544.	0.5	19

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19	Radiation Dose Does Matter: Mechanistic Insights into DNA Damage and Repair Support the Linear No-Threshold Model of Low-Dose Radiation Health Risks. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1014-1016.	5.0	19
20	Using Information to Optimize Medical Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 2383.	7.4	18
21	Simulation in Training: One-year Experience Using an Efficiency Index to Assess Interventional Radiology Fellow Training Status. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 1366-1371.	0.5	17
22	Creating and Evaluating a Data-Driven Curriculum for Central Venous Catheter Placement. <i>Journal of Graduate Medical Education</i> , 2010, 2, 389-397.	1.3	17
23	Improving Team Performance During the Preprocedure Time-Out in Pediatric Interventional Radiology. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2012, 38, 387-AP1.	0.7	15
24	Analysis of Simulated Angiographic Procedures: Part 1—Capture and Presentation of Audio and Video Recordings. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1979-1989.	0.5	13
25	Strategies for Choosing Process Improvement Projects. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 471-477.	0.5	13
26	Audio and Video Recording System for Routine Documentation of Fluoroscopic Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 725-729.	0.5	13
27	Optimizing Radiation Use During Fluoroscopic Procedures: A Quality and Safety Improvement Project. <i>Journal of the American College of Radiology</i> , 2013, 10, 847-853.	1.8	13
28	Guide to Effective Quality Improvement Reporting in Radiology. <i>Radiology</i> , 2014, 271, 561-573.	7.3	13
29	Improving Quality and Patient Safety by Minimizing Unnecessary Variation. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 157-163.	0.5	12
30	Capture and Analysis of Data from Image-guided Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 769-781.	0.5	12
31	Results of the 1996 survey of the American Association of Academic Chief Residents in radiology. <i>Academic Radiology</i> , 1997, 4, 132-137.	2.5	11
32	Optimizing Radiation Use during Fluoroscopic Procedures: Proceedings from a Multidisciplinary Consensus Panel. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 425-429.	0.5	11
33	Results of the 1994 survey of the American Association of Academic Chief Residents in Radiology. <i>Academic Radiology</i> , 1996, 3, 72-76.	2.5	9
34	Assessing System Performance. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 987-994.	0.5	9
35	Management of excluded bile ducts in paediatric orthotopic liver transplant recipients of technical variant allografts. <i>Hpb</i> , 2011, 13, 893-898.	0.3	9
36	Overuse of Medical Imaging and Its Radiation Exposure. <i>JAMA Pediatrics</i> , 2016, 170, 1037.	6.2	9

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37	Measurement of Blood Flow Before and After Embolization with Use of Fluorescent Microspheres in an Animal Model. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 103-111.	0.5	8
38	Results of the 1997 survey of the American Association of Academic Chief Residents in Radiology. <i>Academic Radiology</i> , 1998, 5, 224-231.	2.5	7
39	Objective assessment of operator performance during ultrasound-guided procedures. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2011, 6, 641-652.	2.8	7
40	Society of Interventional Radiology Position Statement: Prevention of Unintentionally Retained Foreign Bodies during Interventional Radiology Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2011, 22, 1561-1562.	0.5	6
41	An Appeal for Safe and Appropriate Imaging of Children. <i>Journal of Patient Safety</i> , 2014, 10, 121-124.	1.7	5
42	Information overload: when less is more in medical imaging. <i>Diagnosis</i> , 2017, 4, 179-183.	1.9	4
43	Standardization of Quality Initiative Reporting. <i>Radiographics</i> , 2013, 33, 373-374.	3.3	3
44	Improving Performance During Image-Guided Procedures. <i>Journal of Patient Safety</i> , 2015, 11, 230-236.	1.7	2
45	DNA Repair after Exposure to Ionizing Radiation Is Not Error-Free. <i>Radiology</i> , 2016, 280, 322-323.	7.3	2
46	A Scalable Database of Organ Doses for Common Diagnostic Fluoroscopy Procedures of Children: Procedures of Historical Practice for Use in Radiation Epidemiology Studies. <i>Radiation Research</i> , 2019, 192, 649.	1.5	2
47	Monitoring Patient Exposure During Fluoroscopic Procedures: How We Do It. <i>Journal of the American College of Radiology</i> , 2015, 12, 617-619.	1.8	1
48	Analyzing Radiation Use during Transjugular Intrahepatic Portosystemic Shunt Creation. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 2089-2097.e3.	0.5	1
49	Flight data recorder for interventional radiology. <i>Radiology Management</i> , 2012, 34, 43-6.	0.0	1
50	Use of CT to Assess the Efficacy of an Oncolytic Adenovirus. <i>Journal of Vascular and Interventional Radiology</i> , 2003, 14, 275-278.	0.5	0
51	Human Information Processing, Health Information Technology, and Medical Outcomes—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 1417.	7.4	0
52	Pancreatic Pseudocyst Simulating a Pseudoaneurysm on Doppler Sonography. <i>Ultrasound Quarterly</i> , 2013, 29, 329-331.	0.8	0
53	Radiation Exposure: Optimizing Image Quality or Image Utility?. <i>Journal of Patient Safety</i> , 2018, 14, 66-66.	1.7	0