

Martin L Gunn

List of Publications by Year in descending order

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Version: 2024-02-01

169
papers

1,946
citations

218677

26
h-index

276875

41
g-index

171
all docs

171
docs citations

171
times ranked

2270
citing authors

#	ARTICLE	IF	CITATIONS
1	A new classification scheme for treating blunt aortic injury. <i>Journal of Vascular Surgery</i> , 2012, 55, 47-54.	1.1	163
2	The Obese Emergency Patient: Imaging Challenges and Solutions. <i>Radiographics</i> , 2011, 31, 811-823.	3.3	118
3	CT in the Emergency Department: A Real-Time Study of Changes in Physician Decision Making. <i>Radiology</i> , 2016, 278, 812-821.	7.3	99
4	Blunt abdominal aortic injury. <i>Journal of Vascular Surgery</i> , 2012, 55, 1277-1285.	1.1	91
5	Call for a new classification system and treatment strategy in blunt aortic injury. <i>Journal of Vascular Surgery</i> , 2016, 64, 171-176.	1.1	74
6	An Evaluation of Multidetector Computed Tomography in Detecting Pancreatic Injury: Results of a Multicenter AAST Study. <i>Journal of Trauma</i> , 2009, 66, 641-647.	2.3	72
7	High-resolution CT Findings of Bronchiolitis Obliterans Syndrome After Hematopoietic Stem Cell Transplantation. <i>Journal of Thoracic Imaging</i> , 2008, 23, 244-250.	1.5	70
8	A text processing pipeline to extract recommendations from radiology reports. <i>Journal of Biomedical Informatics</i> , 2013, 46, 354-362.	4.3	69
9	Overnight Resident Interpretation of Torso CT at a Level 1 Trauma Center. <i>Academic Radiology</i> , 2009, 16, 1155-1160.	2.5	68
10	State of the art: technologies for computed tomography dose reduction. <i>Emergency Radiology</i> , 2010, 17, 209-218.	1.8	67
11	Interrater Agreement in the Evaluation of Discrepant Imaging Findings With the Radpeer System. <i>American Journal of Roentgenology</i> , 2012, 199, 1320-1327.	2.2	60
12	Determining Adherence to Follow-up Imaging Recommendations. <i>Journal of the American College of Radiology</i> , 2018, 15, 422-428.	1.8	44
13	Minimal aortic injury of the thoracic aorta: imaging appearances and outcome. <i>Emergency Radiology</i> , 2014, 21, 227-233.	1.8	43
14	A Markov decision process approach to multi-category patient scheduling in a diagnostic facility. <i>Artificial Intelligence in Medicine</i> , 2011, 53, 73-81.	6.5	42
15	CT Detectability of Small Low-Contrast Hypoattenuating Focal Lesions: Iterative Reconstructions versus Filtered Back Projection. <i>Radiology</i> , 2018, 289, 443-454.	7.3	42
16	Radiologic manifestations of extra-cardiac complications of infective endocarditis. <i>European Radiology</i> , 2008, 18, 2433-2445.	4.5	36
17	Understanding Why Patients No-Show: Observations of 2.9 Million Outpatient Imaging Visits Over 16 Years. <i>Journal of the American College of Radiology</i> , 2018, 15, 944-950.	1.8	36
18	Computed Tomographic and Magnetic Resonance Features of Gynecologic Abnormalities in Women Presenting With Acute or Chronic Abdominal Pain. <i>Ultrasound Quarterly</i> , 2007, 23, 167-175.	0.8	35

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19	Using the Internet for Image Transfer in a Regional Trauma Network: Effect on CT Repeat Rate, Cost, and Radiation Exposure. <i>Journal of the American College of Radiology</i> , 2012, 9, 648-656.	1.8	33
20	Current Concepts in Imaging Evaluation of Penetrating Transmediastinal Injury. <i>Radiographics</i> , 2014, 34, 1824-1841.	3.3	33
21	Uterine Diverticulum. <i>Obstetrics and Gynecology</i> , 2009, 113, 525-527.	2.4	32
22	Geriatric Trauma: A Radiologist's Guide to Imaging Trauma Patients Aged 65 Years and Older. <i>Radiographics</i> , 2015, 35, 1263-1285.	3.3	31
23	A review of split-bolus single-pass CT in the assessment of trauma patients. <i>Emergency Radiology</i> , 2018, 25, 367-374.	1.8	30
24	Environmental Factors Predictive of No-Show Visits in Radiology: Observations of Three Million Outpatient Imaging Visits Over 16 Years. <i>Journal of the American College of Radiology</i> , 2019, 16, 554-559.	1.8	30
25	Traumatic abdominal aortic injury treated by endovascular stent placement. <i>Emergency Radiology</i> , 2007, 13, 329-331.	1.8	28
26	Assessment of the liver strain among cirrhotic and normal livers using tagged MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1490-1495.	3.4	27
27	Imaging of Aortic and Branch Vessel Trauma. <i>Radiologic Clinics of North America</i> , 2012, 50, 85-103.	1.8	26
28	Improving Outcomes in the Patient with Polytrauma. <i>Radiologic Clinics of North America</i> , 2015, 53, 639-656.	1.8	26
29	Automated Tracking of Follow-Up Imaging Recommendations. <i>American Journal of Roentgenology</i> , 2019, 212, 1287-1294.	2.2	25
30	Imaging of Duodenal Diverticula and Their Complications. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 20-29.	1.4	23
31	JOURNAL CLUB: How Radiation Exposure Histories Influence Physician Imaging Decisions: A Multicenter Radiologist Survey Study. <i>American Journal of Roentgenology</i> , 2013, 200, 1275-1283.	2.2	23
32	Early head-to-pelvis computed tomography in out-of-hospital circulatory arrest without obvious etiology. <i>Academic Emergency Medicine</i> , 2021, 28, 394-403.	1.8	21
33	Radiation Dose to the Thyroid Gland and Breast From Multidetector Computed Tomography of the Cervical Spine. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 987-990.	0.9	20
34	Automatic identification of critical follow-up recommendation sentences in radiology reports. <i>AMIA ... Annual Symposium proceedings</i> , 2011, 2011, 1593-602.	0.2	20
35	Society of abdominal radiology gastrointestinal bleeding disease-focused panel consensus recommendations for CTA technical parameters in the evaluation of acute overt gastrointestinal bleeding. <i>Abdominal Radiology</i> , 2019, 44, 2957-2962.	2.1	19
36	Gastrointestinal Bleeding at CT Angiography and CT Enterography: Imaging Atlas and Glossary of Terms. <i>Radiographics</i> , 2021, 41, 1632-1656.	3.3	18

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37	Clinical and Payer-Based Analysis of Value of Dual-Energy Computed Tomography for Workup of Incidental Abdominal Findings. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 605-611.	0.9	17
38	Prevalence and Patterns of Resuscitation-Associated Injury Detected by Head-to-Pelvis Computed Tomography After Successful Out-of-Hospital Cardiac Arrest Resuscitation. <i>Journal of the American Heart Association</i> , 2022, 11, e023949.	3.7	15
39	Improving MRI Scanner Utilization Using Modality Log Files. <i>Journal of the American College of Radiology</i> , 2017, 14, 783-786.	1.8	14
40	Comparative Effectiveness Research: Alternatives to "Traditional" Computed Tomography Use in the Acute Care Setting. <i>Academic Emergency Medicine</i> , 2015, 22, 1465-1473.	1.8	13
41	Automatic Normalization of Anatomical Phrases in Radiology Reports Using Unsupervised Learning. <i>Journal of Digital Imaging</i> , 2019, 32, 6-18.	2.9	13
42	Transfer Patient Imaging: Current Status, Review of the Literature, and the Harborview Experience. <i>Journal of the American College of Radiology</i> , 2013, 10, 361-367.	1.8	12
43	Incidence and Risk Factors for Postcontrast Acute Kidney Injury in Survivors of Sudden Cardiac Arrest. <i>Annals of Emergency Medicine</i> , 2016, 67, 469-476.e1.	0.6	12
44	Diagnostic yield of non-invasive imaging in patients following non-traumatic out-of-hospital sudden cardiac arrest: A systematic review. <i>Resuscitation</i> , 2019, 135, 183-190.	3.0	12
45	Diagnostic accuracy of early computed tomographic coronary angiography to detect coronary artery disease after out-of-hospital circulatory arrest. <i>Resuscitation</i> , 2020, 153, 243-250.	3.0	12
46	Personal Computer-Based PACS Display System. <i>Academic Radiology</i> , 2002, 9, 646-653.	2.5	11
47	Determining Follow-Up Imaging Study Using Radiology Reports. <i>Journal of Digital Imaging</i> , 2020, 33, 121-130.	2.9	11
48	Delayed Gastric Perforation Resulting from Hydrochloric Acid Ingestion. <i>American Journal of Roentgenology</i> , 2005, 185, 682-683.	2.2	10
49	Pericardial rupture and cardiac herniation in blunt trauma. <i>Radiology Case Reports</i> , 2018, 13, 573-575.	0.6	10
50	Enhancement of the pulmonary arteries and thoracic aorta: comparison of a biphasic contrast injection and fixed delay protocol with a monophasic injection and a timing bolus protocol. <i>Emergency Radiology</i> , 2015, 22, 231-237.	1.8	8
51	A report on the Academic Emergency Medicine 2015 consensus conference "Diagnostic imaging in the emergency department: a research agenda to optimize utilization". <i>Emergency Radiology</i> , 2016, 23, 383-396.	1.8	8
52	Repeat CT Performed Within One Month of CT Conducted in the Emergency Department for Abdominal Pain: A Secondary Analysis of Data From a Prospective Multicenter Study. <i>American Journal of Roentgenology</i> , 2019, 212, 382-385.	2.2	8
53	Pulmonary artery intimal injury associated with blunt trauma. <i>Emergency Radiology</i> , 2009, 16, 497-499.	1.8	7
54	Congenital thoracic cardiovascular anomalies presenting in adulthood: A pictorial review. <i>Journal of Cardiovascular Computed Tomography</i> , 2009, 3, S35-S46.	1.3	7

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55	Effect of an Image-Sharing Network on CT Utilization for Transferred Trauma Patients: A 5-Year Experience at a Level I Trauma Center. <i>Journal of the American College of Radiology</i> , 2014, 11, 616-622.	1.8	7
56	Role of CT in the Diagnosis of Nonspecific Abdominal Pain: A Multicenter Analysis. <i>American Journal of Roentgenology</i> , 2017, 208, 570-576.	2.2	6
57	Extracting Follow-Up Recommendations and Associated Anatomy from Radiology Reports. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 1090-1094.	0.3	6
58	Management of gastrointestinal bleeding: Society of Abdominal Radiology (SAR) Institutional Survey. <i>Abdominal Radiology</i> , 2021, , 1.	2.1	5
59	Subperitoneal extension of disease processes between the chest, abdomen, and the pelvis. <i>Abdominal Imaging</i> , 2015, 40, 1858-1870.	2.0	4
60	3D true-phase polarity recovery with independent phase estimation using three-tier stacks based region growing (3D-TRIPS). <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 87-99.	2.0	4
61	Impact of Incremental Increase in CT Image Noise on Detection of Low-contrast Hypodense Liver Lesions. <i>Academic Radiology</i> , 2014, 21, 1233-1239.	2.5	3
62	Coronary anomalies encountered in the acute setting: an imaging review. <i>Emergency Radiology</i> , 2014, 21, 631-641.	1.8	3
63	CT Angiography in the Emergency Department: Maximizing Contrast Enhancement and Image Quality While Minimizing Radiation Dose and Contrast Material Volume: <i>Vascular/Interventional Radiology</i>. <i>Radiographics</i> , 2017, 37, 1304-1305.	3.3	3
64	Correlating the Radiological Assessment of Patient Motion with the Incidence of Repeat Sequences Documented by Log Files. <i>Current Problems in Diagnostic Radiology</i> , 2022, 51, 534-539.	1.4	3
65	A Method for Reducing Variability Across Dual-Energy CT Manufacturers in Quantification of Low Iodine Content Levels. <i>American Journal of Roentgenology</i> , 2022, 218, 746-755.	2.2	2
66	SS23. Minimal Aortic Injury: Which Patients Can Be Observed?. <i>Journal of Vascular Surgery</i> , 2010, 51, 15S-16S.	1.1	1
67	Arachnoid granulations. , 0, , 14-16.		1
68	Retropharyngeal pseudothickening. , 0, , 338-340.		1
69	Imaging of Acetabular Fractures: A Phantom Study Comparing Radiation Dose by Radiography and Computed Tomography. <i>Seminars in Roentgenology</i> , 2019, 54, 86-91.	0.6	1
70	Impact of Follow-Up Imaging Recommendation Specificity on Adherence. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	1
71	Orbital infection. , 0, , 56-59.		0
72	Multidetector Computed Tomography Pulmonary Angiography. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 778-782.	0.9	0

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73	Posterior shoulder dislocation. , 0, , 291-297.		0
74	Orbital fractures. , 0, , 66-68.		0
75	False-negative and False-positive FAST. , 0, , 175-178.		0
76	Easily missed fractures of the foot and ankle. , 0, , 316-319.		0
77	Limbus vertebra. , 0, , 90-91.		0
78	Aortic pulsation artifact. , 0, , 131-132.		0
79	Extraluminal bladder Foley catheter. , 0, , 252-254.		0
80	Missed intracranial hemorrhage. , 0, , 8-10.		0
81	Ventricular enlargement. , 0, , 17-20.		0
82	Enlarged perivascular space. , 0, , 36-42.		0
83	Tumefactive multiple sclerosis. , 0, , 43-46.		0
84	Diaphragmatic slip simulating liver laceration. , 0, , 179-181.		0
85	Pseudopneumomediastinum. , 0, , 101-104.		0
86	Mimicks of acute thoracic aortic syndromes: aortic dissection, intramural hematoma, and penetrating aortic ulcer. , 0, , 146-150.		0
87	Aortic intramural hematoma. , 0, , 151-152.		0
88	Isodense subdural hemorrhage. , 0, , 1-4.		0
89	Mimics of dural venous sinus thrombosis. , 0, , 27-31.		0
90	Boerhaave syndrome. , 0, , 125-127.		0

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91	Splenic clefts. , 0 , 187-188.		0
92	Pitfalls in peripheral CT angiography. , 0 , 153-154.		0
93	Internal carotid artery dissection presenting as subacute ischemic stroke. , 0 , 24-26.		0
94	Pineal cyst. , 0 , 32-35.		0
95	Variants of the upper cervical spine. , 0 , 69-71.		0
96	Subtle injuries in ankylotic spine disorders. , 0 , 95-97.		0
97	Subcutaneous emphysema and mimickers. , 0 , 113-115.		0
98	Variants and hernias of the diaphragm simulating injury. , 0 , 128-130.		0
99	Aortic injury with normal mediastinal width. , 0 , 138-140.		0
100	Breathing artifact simulating pulmonary embolism. , 0 , 155-158.		0
101	Vascular embolization of foreign body. , 0 , 162-164.		0
102	Simulated active bleeding. , 0 , 165-166.		0
103	Pseudopneumoperitoneum. , 0 , 167-169.		0
104	Gallbladder wall thickening due to non-biliary causes. , 0 , 182-186.		0
105	Inhomogeneous splenic enhancement. , 0 , 189-191.		0
106	Pseudothickening of the bowel wall. , 0 , 199-202.		0
107	Pneumatosis intestinalis. , 0 , 213-216.		0
108	Pseudoappendicitis. , 0 , 217-221.		0

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109	Missed renal collecting system injury. , 0 , 222-224.		0
110	Avoiding missed injuries to the bowel and mesentery: the importance of intraperitoneal fluid. , 0 , 232-236.		0
111	Endometrial hypodensity simulating fluid. , 0 , 237-243.		0
112	Cystic pelvic mass simulating the bladder. , 0 , 246-247.		0
113	Ovarian torsion. , 0 , 248-249.		0
114	Mach effect. , 0 , 267-271.		0
115	Foreign bodies not visible on radiographs. , 0 , 272-273.		0
116	Sesamoids and bipartite patella. , 0 , 303-308.		0
117	Subtle knee fractures. , 0 , 309-312.		0
118	Ligamentous laxity and intestinal malrotation in the infant. , 0 , 331-334.		0
119	Hypertrophic pyloric stenosis and pylorospasm. , 0 , 335-337.		0
120	Cranial sutures simulating fractures. , 0 , 341-343.		0
121	Pelvic pseudofractures: normal physeal lines. , 0 , 351-357.		0
122	Non-aneurysmal perimesencephalic subarachnoid hemorrhage. , 0 , 5-7.		0
123	Pseudo-subarachnoid hemorrhage. , 0 , 11-13.		0
124	Blunt cerebrovascular injury. , 0 , 21-23.		0
125	Cavernous malformation simulating contusion. , 0 , 47-52.		0
126	Diffuse axonal injury. , 0 , 53-55.		0

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127	Globe injuries. , 0, , 60-62.		0
128	Dilated superior ophthalmic vein. , 0, , 63-65.		0
129	Atlantoaxial rotatory fixation versus head rotation. , 0, , 72-74.		0
130	Pseudosubluxation of C2â€“C3. , 0, , 79-81.		0
131	Motion artifact simulating spinal fracture. , 0, , 84-86.		0
132	Pars interarticularis defects. , 0, , 87-89.		0
133	Transitional vertebrae. , 0, , 92-94.		0
134	Spinal dural arteriovenous fistula. , 0, , 98-100.		0
135	Traumatic pneumomediastinum without aerodigestive injury. , 0, , 105-107.		0
136	Pseudopneumothorax. , 0, , 108-112.		0
137	Tracheal injury. , 0, , 116-117.		0
138	Pulmonary contusion and laceration. , 0, , 118-120.		0
139	Sternoclavicular dislocation. , 0, , 121-124.		0
140	Mediastinal widening due to non-hemorrhagic causes. , 0, , 133-137.		0
141	Retrocrural periaortic hematoma. , 0, , 141-143.		0
142	Mimicks of hemopericardium on FAST. , 0, , 144-145.		0
143	Acute versus chronic pulmonary thromboembolism. , 0, , 159-161.		0
144	Intra-abdominal focal fat infarction: epiploic appendagitis and omental infarction. , 0, , 170-174.		0

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145	Pseudosubcapsular splenic hematoma. , 0 , 192-193.		0
146	Pseudopancreatitis following trauma. , 0 , 194-195.		0
147	Pancreatic clefts. , 0 , 196-198.		0
148	Small bowel transient intussusception. , 0 , 203-204.		0
149	Duodenal diverticulum. , 0 , 205-209.		0
150	Pseudopneumatosis. , 0 , 210-212.		0
151	Pseudohydronephrosis. , 0 , 225-229.		0
152	Physiologic pelvic intraperitoneal fluid. , 0 , 230-231.		0
153	Urine jets simulating a bladder mass. , 0 , 250-251.		0
154	Missed bladder rupture. , 0 , 255-257.		0
155	Pseudofracture from motion artifact. , 0 , 258-266.		0
156	Accessory ossicles. , 0 , 274-284.		0
157	Fat pad interpretation. , 0 , 285-290.		0
158	Easily missed fractures in thoracic trauma. , 0 , 298-302.		0
159	Lateral condylar notch sign. , 0 , 313-315.		0
160	Thymus simulating mediastinal hematoma. , 0 , 320-321.		0
161	Foreign body aspiration. , 0 , 322-324.		0
162	Idiopathic ileocolic intussusception. , 0 , 325-330.		0

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163	Systematic review of elbow injuries. , 0, , 344-350.		0
164	Hip pain in children. , 0, , 358-359.		0
165	Non-accidental trauma: neuroimaging. , 0, , 366-370.		0
166	Non-accidental trauma: skeletal injuries. , 0, , 371-374.		0
167	Cervical flexion and extension radiographs after blunt trauma. , 0, , 75-78.		0
168	Calcific tendinitis of the longus colli. , 0, , 82-83.		0
169	Common pitfalls in pediatric fractures: ones not to miss. , 0, , 360-365.		0