

Michael S Gee

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

2,698
citations

186209
28
h-index

214721
47
g-index

106
all docs

106
docs citations

106
times ranked

3728
citing authors

#	ARTICLE	IF	CITATIONS
1	Abdominal Imaging Findings in COVID-19: Preliminary Observations. <i>Radiology</i> , 2020, 297, E207-E215.	3.6	251
2	Prospective Evaluation of MR Enterography as the Primary Imaging Modality for Pediatric Crohn Disease Assessment. <i>American Journal of Roentgenology</i> , 2011, 197, 224-231.	1.0	122
3	Evaluation of Quantitative PET/MR Enterography Biomarkers for Discrimination of Inflammatory Strictures from Fibrotic Strictures in Crohn Disease. <i>Radiology</i> , 2016, 278, 792-800.	3.6	113
4	Strategies to minimize sedation in pediatric body magnetic resonance imaging. <i>Pediatric Radiology</i> , 2016, 46, 916-927.	1.1	102
5	Inflammatory bowel disease imaging: Current practice and future directions. <i>World Journal of Gastroenterology</i> , 2016, 22, 917.	1.4	89
6	MRI in patients with inflammatory bowel disease. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 527-534.	1.9	84
7	Quantitative Hepatic Fat Quantification in Non-alcoholic Fatty Liver Disease Using Ultrasound-Based Techniques: A Review of Literature and Their Diagnostic Performance. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 2461-2475.	0.7	80
8	Artificial intelligence-assisted interpretation of bone age radiographs improves accuracy and decreases variability. <i>Skeletal Radiology</i> , 2019, 48, 275-283.	1.2	79
9	Detecting active inflammation and fibrosis in pediatric Crohn's disease: prospective evaluation of MR-E and CT-E. <i>Abdominal Imaging</i> , 2013, 38, 705-713.	2.0	77
10	Identification of Distant Metastatic Disease in Uterine Cervical and Endometrial Cancers with FDG PET/CT: Analysis from the ACRIN 6671/GOG 0233 Multicenter Trial. <i>Radiology</i> , 2018, 287, 176-184.	3.6	73
11	Role of MRI in the diagnosis and treatment of osteomyelitis in pediatric patients. <i>World Journal of Radiology</i> , 2014, 6, 530.	0.5	70
12	MRI Techniques to Decrease Imaging Times in Children. <i>Radiographics</i> , 2020, 40, 485-502.	1.4	65
13	Nonneoplastic, Benign, and Malignant Splenic Diseases: Cross-Sectional Imaging Findings and Rare Disease Entities. <i>American Journal of Roentgenology</i> , 2014, 203, 315-322.	1.0	64
14	Imaging of Pediatric Patients With Inflammatory Bowel Disease. <i>American Journal of Roentgenology</i> , 2012, 199, 907-915.	1.0	60
15	Colorectal cancer staging: comparison of whole-body PET/CT and PET/MR. <i>Abdominal Radiology</i> , 2017, 42, 1141-1151.	1.0	52
16	Management of Abdominal and Pelvic Abscesses That Persist Despite Satisfactory Percutaneous Drainage Catheter Placement. <i>American Journal of Roentgenology</i> , 2010, 194, 815-820.	1.0	50
17	The Role of MR Enterography in Assessing Crohn's Disease Activity and Treatment Response. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-13.	0.7	47
18	Advanced CT Techniques for Decreasing Radiation Dose, Reducing Sedation Requirements, and Optimizing Image Quality in Children. <i>Radiographics</i> , 2019, 39, 709-726.	1.4	47

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19	Gadolinium-based contrast agents in pediatric magnetic resonance imaging. <i>Pediatric Radiology</i> , 2017, 47, 507-521.	1.1	45
20	Fast, free-breathing and motion-minimized techniques for pediatric body magnetic resonance imaging. <i>Pediatric Radiology</i> , 2018, 48, 1197-1208.	1.1	45
21	Current and Emerging Roles of Whole-Body MRI in Evaluation of Pediatric Cancer Patients. <i>Radiographics</i> , 2019, 39, 516-534.	1.4	43
22	Pediatric inflammatory bowel disease: imaging issues with targeted solutions. <i>Abdominal Imaging</i> , 2015, 40, 975-992.	2.0	41
23	Abdominal ultrasonography of the pediatric gastrointestinal tract. <i>World Journal of Radiology</i> , 2016, 8, 656.	0.5	41
24	Imaging in the Evaluation of the Young Patient With Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 59, 429-439.	0.9	38
25	Comparison of CT enterography and MR enterography imaging features of active Crohn disease in children and adolescents. <i>Pediatric Radiology</i> , 2017, 47, 1321-1328.	1.1	37
26	MRI predictors of treatment response for perianal fistulizing Crohn disease in children and young adults. <i>Pediatric Radiology</i> , 2014, 44, 23-29.	1.1	36
27	Safety challenges related to the use of sedation and general anesthesia in pediatric patients undergoing magnetic resonance imaging examinations. <i>Pediatric Radiology</i> , 2021, 51, 724-735.	1.1	34
28	Value of diffusion-weighted imaging when added to magnetic resonance enterographic evaluation of Crohn disease in children. <i>Pediatric Radiology</i> , 2016, 46, 34-42.	1.1	33
29	Identification of quality improvement areas in pediatric MRI from analysis of patient safety reports. <i>Pediatric Radiology</i> , 2018, 48, 66-73.	1.1	30
30	Does 3-T fetal MRI induce adverse acoustic effects in the neonate? A preliminary study comparing postnatal auditory test performance of fetuses scanned at 1.5 and 3AT. <i>Pediatric Radiology</i> , 2019, 49, 37-45.	1.1	28
31	Emerging ethical issues raised by highly portable MRI research in remote and resource-limited international settings. <i>NeuroImage</i> , 2021, 238, 118210.	2.1	28
32	Feasibility study for assessing liver fibrosis in paediatric and adolescent patients using real-time shear wave elastography. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 687-694.	0.9	27
33	Beyond Human Perception: Sexual Dimorphism in Hand and Wrist Radiographs Is Discernible by a Deep Learning Model. <i>Journal of Digital Imaging</i> , 2019, 32, 665-671.	1.6	27
34	Specific Absorption Rate and Specific Energy Dose: Comparison of 1.5-T versus 3.0-T Fetal MRI. <i>Radiology</i> , 2020, 295, 664-674.	3.6	25
35	Can ureteral stones cause pain without causing hydronephrosis?. <i>World Journal of Urology</i> , 2016, 34, 1285-1288.	1.2	24
36	Magnetic Resonance Imaging of the Pediatric Kidney. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2013, 21, 697-715.	0.6	23

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37	Reply to "Comment on Sarcopenia is a Novel Predictor of the Need for Rescue Therapy in Hospitalized Ulcerative Colitis Patients". Journal of Crohn's and Colitis, 2018, 12, 1256-1256.	0.6	23
38	Sarcopenia is a Novel Predictor of the Need for Rescue Therapy in Hospitalized Ulcerative Colitis Patients. Journal of Crohn's and Colitis, 2018, 12, 1036-1041.	0.6	23
39	PET/MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 387-407.	0.6	22
40	CT Texture Analysis and Machine Learning Improve Post-ablation Prognostication in Patients with Adrenal Metastases: A Proof of Concept. CardioVascular and Interventional Radiology, 2019, 42, 1771-1776.	0.9	21
41	Strategies to perform magnetic resonance imaging in infants and young children without sedation. Pediatric Radiology, 2022, 52, 374-381.	1.1	20
42	Development and validation of image quality scoring criteria (IQSC) for pediatric CT: a preliminary study. Insights Into Imaging, 2019, 10, 95.	1.6	20
43	Imaging and Screening of Pancreatic Cancer. Radiologic Clinics of North America, 2017, 55, 1223-1234.	0.9	19
44	Society of abdominal radiology gastrointestinal bleeding disease-focused panel consensus recommendations for CTA technical parameters in the evaluation of acute overt gastrointestinal bleeding. Abdominal Radiology, 2019, 44, 2957-2962.	1.0	19
45	MR Enterographic Findings as Biomarkers of Mucosal Healing in Young Patients With Crohn Disease. American Journal of Roentgenology, 2016, 207, 896-902.	1.0	18
46	Imaging in Patients with Crohn's Disease. Inflammatory Bowel Diseases, 2017, 23, 1025-1033.	0.9	18
47	Role of percutaneous abscess drainage in the management of young patients with Crohn disease. Pediatric Radiology, 2016, 46, 653-659.	1.1	16
48	Magnetic resonance enterography evaluation of Crohn disease activity and mucosal healing in young patients. Pediatric Radiology, 2018, 48, 1273-1279.	1.1	16
49	Medically Engineered Solutions in Health Care: A Technology Incubator and Design-Thinking Curriculum for Radiology Trainees. Journal of the American College of Radiology, 2018, 15, 892-896.	0.9	15
50	Quantitative tumor heterogeneity MRI profiling improves machine learning-based prognostication in patients with metastatic colon cancer. European Radiology, 2021, 31, 5759-5767.	2.3	15
51	Real-Time Electronic Dashboard Technology and Its Use to Improve Pediatric Radiology Workflow. Current Problems in Diagnostic Radiology, 2018, 47, 3-5.	0.6	14
52	Challenges in IBD Research: Novel Technologies. Inflammatory Bowel Diseases, 2019, 25, S24-S30.	0.9	14
53	Image-quality optimization and artifact reduction in fetal magnetic resonance imaging. Pediatric Radiology, 2020, 50, 1830-1838.	1.1	13
54	Whole-Body MRI Surveillance of Cancer Predisposition Syndromes: Current Best Practice Guidelines for Use, Performance, and Interpretation. American Journal of Roentgenology, 2020, 215, 1002-1011.	1.0	13

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55	Computed tomography and magnetic resonance enterography protocols and techniques: survey of the Society of Abdominal Radiology Crohn's Disease Disease-Focused Panel. <i>Abdominal Radiology</i> , 2020, 45, 1011-1017.	1.0	13
56	Trends in cancer imaging by indication, care setting, and hospital type during the COVID-19 pandemic and recovery at four hospitals in Massachusetts. <i>Cancer Medicine</i> , 2021, 10, 6327-6335.	1.3	12
57	Initial Experience Integrating a Hands-On Innovation Curriculum Into a Radiology Residency Program and Department. <i>Journal of the American College of Radiology</i> , 2020, 17, 1329-1333.	0.9	11
58	Utility of preoperative ferumoxtran-10 MRI to evaluate retroperitoneal lymph node metastasis in advanced cervical cancer: Results of ACRIN 6671/GOG 0233. <i>European Journal of Radiology Open</i> , 2015, 2, 11-18.	0.7	10
59	Performance of Surveillance MR Enterography (MRE) in Asymptomatic Children and Adolescents With Crohn's Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1955-1963.	1.9	10
60	Comparison of three oral contrast preparations for magnetic resonance enterography in pediatric patients with known or suspected Crohn disease: a prospective randomized trial. <i>Pediatric Radiology</i> , 2019, 49, 889-896.	1.1	10
61	Strategies to Reduce the Use of Gadolinium-Based Contrast Agents for Abdominal MRI in Children. <i>American Journal of Roentgenology</i> , 2020, 214, 1054-1064.	1.0	10
62	Predictors of Anesthetic Exposure in Pediatric MRI. <i>American Journal of Roentgenology</i> , 2021, 216, 799-805.	1.0	10
63	Immediate Radiology Report Access: A Burden to the Ordering Provider. <i>Current Problems in Diagnostic Radiology</i> , 2022, 51, 712-716.	0.6	10
64	Point of care assessment of melanoma tumor signaling and metastatic burden from ^{125}I -NMR analysis of tumor fine needle aspirates and peripheral blood. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 821-828.	1.7	9
65	Performance of simultaneous multi-slice accelerated diffusion-weighted imaging for assessing focal renal lesions in pediatric patients with tuberous sclerosis complex. <i>Pediatric Radiology</i> , 2021, 51, 77-85.	1.1	9
66	Screening of cancer predisposition syndromes. <i>Pediatric Radiology</i> , 2022, 52, 401-417.	1.1	9
67	Increased per-patient imaging utilization in an emergency department setting during COVID-19. <i>Clinical Imaging</i> , 2021, 80, 77-82.	0.8	9
68	Magnetic resonance imaging quality control, quality assurance and quality improvement. <i>Pediatric Radiology</i> , 2021, 51, 698-708.	1.1	8
69	Comparison of ultrafast wave-controlled aliasing in parallel imaging (CAIPI) magnetization-prepared rapid acquisition gradient echo (MP-RAGE) and standard MP-RAGE in non-sedated children: initial clinical experience. <i>Pediatric Radiology</i> , 2021, 51, 2009-2017.	1.1	8
70	Magnetic resonance imaging of perianal Crohn disease in children. <i>Pediatric Radiology</i> , 2016, 46, 838-846.	1.1	7
71	Impact of a fast free-breathing 3-T abdominal MRI protocol on improving scan time and image quality for pediatric patients with tuberous sclerosis complex. <i>Pediatric Radiology</i> , 2019, 49, 1788-1797.	1.1	7
72	Diagnostic Performance of Shear Wave Elastography in Patients With Autoimmune Liver Disease. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 103-111.	0.8	6

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73	Survey on practice patterns in imaging utilization in patients with Crohn's disease. <i>Clinical Imaging</i> , 2019, 54, 91-99.	0.8	6
74	Imaging sedation and anesthesia practice patterns in pediatric radiology departments – a survey of the Society of Chiefs of Radiology at Children's Hospitals (SCORCH). <i>Pediatric Radiology</i> , 2021, 51, 1497-1502.	1.1	6
75	Intravenous gadolinium-based hepatocyte-specific contrast agents (HSCAs) for contrast-enhanced liver magnetic resonance imaging in pediatric patients: what the radiologist should know. <i>Pediatric Radiology</i> , 2019, 49, 1256-1268.	1.1	5
76	Clinical significance of incidentally discovered renal cysts in pediatric patients. <i>Abdominal Radiology</i> , 2019, 44, 2835-2840.	1.0	5
77	Computed tomography texture features can discriminate benign from malignant lymphadenopathy in pediatric patients: a preliminary study. <i>Pediatric Radiology</i> , 2019, 49, 737-745.	1.1	5
78	Novel Associations Between Genome-Wide Single Nucleotide Polymorphisms and MR Enterography Features in Crohn's Disease Patients. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 132-138.	1.9	5
79	Emerging Imaging Biomarkers in Crohn Disease. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 31-41.	0.7	5
80	Management of gastrointestinal bleeding: Society of Abdominal Radiology (SAR) Institutional Survey. <i>Abdominal Radiology</i> , 2021, , 1.	1.0	5
81	Molecular Imaging in Urologic Surgery. <i>Urologic Clinics of North America</i> , 2009, 36, 125-132.	0.8	4
82	Percutaneous Image-Guided Cryotherapy for Local Control of Recurrent Plexiform Schwannoma in a 3-Year-Old Male. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 766-768.	0.2	4
83	Radiation Dose and Risk Estimates of CT-Guided Percutaneous Liver Ablations and Factors Associated with Dose Reduction. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1935-1942.	0.9	4
84	MR Enterography of Complicated Crohn Disease. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 23-30.	0.7	4
85	Evaluation of highly accelerated wave controlled aliasing in parallel imaging (Wave-CAIPI) susceptibility-weighted imaging in the non-sedated pediatric setting: a pilot study. <i>Pediatric Radiology</i> , 2022, 52, 1115-1124.	1.1	4
86	CT-Visualized Colonic Mural Stratification Independently Predicts the Need for Medical or Surgical Rescue Therapy in Hospitalized Ulcerative Colitis Patients. <i>Digestive Diseases and Sciences</i> , 2019, 64, 2265-2272.	1.1	3
87	Pearls and Pitfalls in MR Enterography Interpretation for Pediatric Patients. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 462-471.	0.7	3
88	Case 33-2017. <i>New England Journal of Medicine</i> , 2017, 377, 1667-1677.	13.9	2
89	Case 24-2017. <i>New England Journal of Medicine</i> , 2017, 377, 574-582.	13.9	2
90	Case 29-2019: A 14-Month-Old Boy with Vomiting. <i>New England Journal of Medicine</i> , 2019, 381, 1159-1167.	13.9	2

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91	Factors influencing cumulative radiation dose from percutaneous intra-abdominal abscess drainage in the setting of inflammatory bowel disease. <i>Abdominal Radiology</i> , 2021, 46, 2195-2202.	1.0	2
92	Imaging of Splenic Infections (and Their Mimickers) in Children. <i>Current Radiology Reports</i> , 2016, 4, 1.	0.4	1
93	Pearls and Pitfalls of Metabolic Liver Magnetic Resonance Imaging in the Pediatric Population. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 451-461.	0.7	1
94	Patient-level dose monitoring in computed tomography: tracking cumulative dose from multiple multi-sequence exams with tube current modulation in children. <i>Pediatric Radiology</i> , 2021, 51, 2498-2506.	1.1	1
95	Quantitative MR imaging biomarkers of tumor heterogeneity predict prognosis in metastatic colorectal lesions.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15121-e15121.	0.8	1
96	Characterization of Pediatric Imaging Trends and Likelihood of Exam Cancellation in the COVID-19 Pandemic. <i>Academic Radiology</i> , 2022, 29, 508-513.	1.3	1
97	Strategies to optimize a pediatric magnetic resonance imaging service. <i>Pediatric Radiology</i> , 2021, , 1.	1.1	0
98	Introduction. <i>Pediatric Radiology</i> , 2021, 51, 697-697.	1.1	0
99	Impact of COVID-19 on Radiology Trainee Safety, Education, and Wellness: Challenges Experienced and Proposed Solutions for the Future. <i>Journal of the American College of Radiology</i> , 2022, 19, 446-449.	0.9	0
100	Comparison of Abdominopelvic CT Diagnoses at Academic Teaching Hospitals in Rwanda and the United States. <i>Journal of Global Radiology</i> , 2022, 8, .	0.8	0
101	Editorial Comment: Novel Associations Between Quantitative MRI Metrics and Clinical Risk Scores in Young Patients With Autoimmune Liver Disease. <i>American Journal of Roentgenology</i> , 2022, , .	1.0	0
102	ACR Appropriateness Criteria® Crohn Disease-Child. <i>Journal of the American College of Radiology</i> , 2022, 19, S19-S36.	0.9	0