

Luciano M Prevedello

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5634900/publications.pdf>

Version: 2024-02-01

69
papers

3,561
citations

172457

29
h-index

138484

58
g-index

69
all docs

69
docs citations

69
times ranked

4395
citing authors

#	ARTICLE	IF	CITATIONS
1	Augmented networks for faster brain metastases detection in T1-weighted contrast-enhanced 3D MRI. Computerized Medical Imaging and Graphics, 2022, 98, 102059.	5.8	4
2	Mortality Prediction Analysis among COVID-19 Inpatients Using Clinical Variables and Deep Learning Chest Radiography Imaging Features. Tomography, 2022, 8, 1791-1803.	1.8	4
3	Management of large intraventricular meningiomas with minimally invasive port technique: a three-case series. Neurosurgical Review, 2021, 44, 2369-2377.	2.4	9
4	The RSNA Pulmonary Embolism CT Dataset. Radiology: Artificial Intelligence, 2021, 3, e200254.	5.8	44
5	Artificial Intelligence to Assist in Exclusion of Coronary Atherosclerosis During CCTA Evaluation of Chest Pain in the Emergency Department: Preparing an Application for Real-world Use. Journal of Digital Imaging, 2021, 34, 554-571.	2.9	5
6	Constrained generative adversarial network ensembles for sharable synthetic medical images. Journal of Medical Imaging, 2021, 8, 024004.	1.5	11
7	Natural Language Processing of Radiology Text Reports: Interactive Text Classification. Radiology: Artificial Intelligence, 2021, 3, e210035.	5.8	6
8	Neck CT imaging and correlation with thyroid cancer incidence across age, gender and race. Clinical Endocrinology, 2021, 94, 872-879.	2.4	1
9	Training Strategies for Radiology Deep Learning Models in Data-limited Scenarios. Radiology: Artificial Intelligence, 2021, 3, e210014.	5.8	35
10	Streamlining Communications and Enabling Point-of-care Education in Radiology Through a Mobile Application Solution. Current Problems in Diagnostic Radiology, 2020, 49, 150-153.	1.4	1
11	Performance of a Deep Neural Network Algorithm Based on a Small Medical Image Dataset: Incremental Impact of 3D-to-2D Reformation Combined with Novel Data Augmentation, Photometric Conversion, or Transfer Learning. Journal of Digital Imaging, 2020, 33, 431-438.	2.9	16
12	Improving Function in Cavernous Sinus Meningiomas: A Modern Treatment Algorithm. Frontiers in Neurology, 2020, 11, 652.	2.4	8
13	Automated coronary artery atherosclerosis detection and weakly supervised localization on coronary CT angiography with a deep 3-dimensional convolutional neural network. Computerized Medical Imaging and Graphics, 2020, 83, 101721.	5.8	36
14	Using Transfer Learning and Class Activation Maps Supporting Detection and Localization of Femoral Fractures on Anteroposterior Radiographs. , 2020, , .		6
15	Construction of a Machine Learning Dataset through Collaboration: The RSNA 2019 Brain CT Hemorrhage Challenge. Radiology: Artificial Intelligence, 2020, 2, e190211.	5.8	94
16	Automated Brain Metastases Detection Framework for T1-Weighted Contrast-Enhanced 3D MRI. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2883-2893.	6.3	51
17	Integrating AI into radiology workflow: levels of research, production, and feedback maturity. Journal of Medical Imaging, 2020, 7, 1.	1.5	39
18	Are quantitative features of lung nodules reproducible at different CT acquisition and reconstruction parameters?. PLoS ONE, 2020, 15, e0240184.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Predicting rate of cognitive decline at baseline using a deep neural network with multidata analysis. Journal of Medical Imaging, 2020, 7, 1.	1.5	9
20	Endoscopic Endonasal Skull Base Surgery using Indocyanine Green and Relationship to Preoperative Radiological Imaging. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	0
21	Challenges Related to Artificial Intelligence Research in Medical Imaging and the Importance of Image Analysis Competitions. Radiology: Artificial Intelligence, 2019, 1, e180031.	5.8	88
22	Nationwide Trends in Use of Catheter-Directed Therapy for Treatment of Pulmonary Embolism in Medicare Beneficiaries from 2004 to 2016. Journal of Vascular and Interventional Radiology, 2019, 30, 801-806.	0.5	26
23	Fostering a Healthy AI Ecosystem for Radiology: Conclusions of the 2018 RSNA Summit on AI in Radiology. Radiology: Artificial Intelligence, 2019, 1, 190021.	5.8	11
24	Augmenting the National Institutes of Health Chest Radiograph Dataset with Expert Annotations of Possible Pneumonia. Radiology: Artificial Intelligence, 2019, 1, e180041.	5.8	141
25	A User Interface for Optimizing Radiologist Engagement in Image Data Curation for Artificial Intelligence. Radiology: Artificial Intelligence, 2019, 1, e180095.	5.8	19
26	Approach Selection and Surgical Planning in Posterior Cranial Fossa Meningiomas: How I Do It. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 380-391.	0.8	10
27	The RSNA Pediatric Bone Age Machine Learning Challenge. Radiology, 2019, 290, 498-503.	7.3	277
28	Radiology and Enterprise Medical Imaging Extensions (REMIX). Journal of Digital Imaging, 2018, 31, 91-106.	2.9	10
29	Machine Learning in Radiology: Applications Beyond Image Interpretation. Journal of the American College of Radiology, 2018, 15, 350-359.	1.8	174
30	Dual-Energy CT-Derived Iodine Content and Spectral Attenuation Analysis of Metastatic versus Nonmetastatic Lymph Nodes in Squamous Cell Carcinoma of the Oropharynx. Tomography, 2018, 4, 66-71.	1.8	15
31	CT for thoracic and lumbar spine fractures: Can CT findings accurately predict posterior ligament complex injury?. European Spine Journal, 2018, 27, 3007-3015.	2.2	19
32	Implementing Machine Learning in Radiology Practice and Research. American Journal of Roentgenology, 2017, 208, 754-760.	2.2	241
33	MR Elastography-derived Stiffness: A Biomarker for Intervertebral Disc Degeneration. Radiology, 2017, 285, 167-175.	7.3	36
34	Optic Canal Decompression: Comparison of 2 Surgical Techniques. World Neurosurgery, 2017, 104, 745-751.	1.3	14
35	Newly Diagnosed Sellar Tumors in Patients with Cancer: A Diagnostic Challenge and Management Dilemma. World Neurosurgery, 2017, 106, 254-265.	1.3	18
36	Automated Critical Test Findings Identification and Online Notification System Using Artificial Intelligence in Imaging. Radiology, 2017, 285, 923-931.	7.3	187

#	ARTICLE	IF	CITATIONS
37	The potential impact of artificial intelligence in radiology. <i>Radiologia Brasileira</i> , 2017, 50, V-VI.	0.7	19
38	Concomitant epidural and subdural spinal abscess: a case report. <i>Spine Journal</i> , 2016, 16, e275-e282.	1.3	4
39	Influence of Posterior Fossa Volume on Clinical Outcomes After Vestibular Schwannoma Resection. <i>Otology and Neurotology</i> , 2016, 37, 1155-1161.	1.3	6
40	CT restaging of testicular germ cell tumors: The incidence of isolated pelvic metastases. <i>European Journal of Radiology</i> , 2016, 85, 1439-1444.	2.6	4
41	Advances in Computed Tomography Evaluation of Skull Base Diseases. <i>International Archives of Otorhinolaryngology</i> , 2014, 18, S123-S126.	0.8	4
42	Radiology Reporting: A Closed-Loop Cycle from Order Entry to Results Communication. <i>Journal of the American College of Radiology</i> , 2014, 11, 1226-1237.	1.8	21
43	Automated Critical Test Result Notification System: Architecture, Design, and Assessment of Provider Satisfaction. <i>American Journal of Roentgenology</i> , 2014, 203, W491-W496.	2.2	46
44	Four-Year Impact of an Alert Notification System on Closed-Loop Communication of Critical Test Results. <i>American Journal of Roentgenology</i> , 2014, 203, 933-938.	2.2	56
45	Implementation of Speech Recognition in a Community-based Radiology Practice: Effect on Report Turnaround Times. <i>Journal of the American College of Radiology</i> , 2014, 11, 402-406.	1.8	21
46	The Reply. <i>American Journal of Medicine</i> , 2014, 127, e23.	1.5	0
47	Using Informatics-Enabled Quality Improvement Techniques to Meet Health Record Documentation Requirements in Radiology Reports. <i>Academic Radiology</i> , 2013, 20, 1032-1036.	2.5	4
48	Can Health IT Tools Enable Improved Documentation of Quality, Safety Measures, and Regulatory Requirements in Radiology Reports? Part 2. <i>Journal of the American College of Radiology</i> , 2013, 10, 635-636.	1.8	0
49	Does Clinical Decision Support Reduce Unwarranted Variation in Yield of CT Pulmonary Angiogram?. <i>American Journal of Medicine</i> , 2013, 126, 975-981.	1.5	48
50	Impact of a Real-Time Computerized Duplicate Alert System on the Utilization of Computed Tomography. <i>JAMA Internal Medicine</i> , 2013, 173, 1024.	5.1	27
51	Effect of Computerized Clinical Decision Support on the Use and Yield of CT Pulmonary Angiography in the Emergency Department. <i>Radiology</i> , 2012, 262, 468-474.	7.3	220
52	Variation in Head Computed Tomography Use for Emergency Department Trauma Patients and Physician Risk Tolerance. <i>Archives of Internal Medicine</i> , 2012, 172, 660.	3.8	33
53	Large-Scale Automated Assessment of Radiologist Adherence to the Physician Quality Reporting System for Stroke. <i>Journal of the American College of Radiology</i> , 2012, 9, 414-420.	1.8	14
54	Factors Associated With Radiologists' Adherence to Fleischner Society Guidelines for Management of Pulmonary Nodules. <i>Journal of the American College of Radiology</i> , 2012, 9, 468-473.	1.8	82

#	ARTICLE	IF	CITATIONS
55	IT Tools Can Help "Harvest" Clinical Case Material From Your PACS. Journal of the American College of Radiology, 2012, 9, 543-544.	1.8	2
56	Repeat Abdominal Imaging Examinations in a Tertiary Care Hospital. American Journal of Medicine, 2012, 125, 155-161.	1.5	30
57	Variation in Use of Head Computed Tomography by Emergency Physicians. American Journal of Medicine, 2012, 125, 356-364.	1.5	54
58	Exposing Exposure: Automated Anatomy-specific CT Radiation Exposure Extraction for Quality Assurance and Radiation Monitoring. Radiology, 2012, 264, 397-405.	7.3	37
59	Information from Searching Content with an Ontology-Utilizing Toolkit (iSCOUT). Journal of Digital Imaging, 2012, 25, 512-519.	2.9	33
60	Focal Cystic Pancreatic Lesions: Assessing Variation in Radiologists'™ Management Recommendations. Radiology, 2011, 259, 136-141.	7.3	79
61	Impact of a 4-year Quality Improvement Initiative to Improve Communication of Critical Imaging Test Results. Radiology, 2011, 259, 802-807.	7.3	54
62	Business Intelligence Tools for Radiology: Creating a Prototype Model Using Open-Source Tools. Journal of Digital Imaging, 2010, 23, 133-141.	2.9	35
63	Imaging Presentation of Venous Thrombosis in Patients With Cancer. American Journal of Roentgenology, 2010, 194, 1099-1108.	2.2	25
64	Augmenting the Impact of Technology Adoption With Financial Incentive to Improve Radiology Report Signature Times. Journal of the American College of Radiology, 2010, 7, 198-204.	1.8	34
65	CT and PET/CT Findings of T-Cell Lymphoma. American Journal of Roentgenology, 2009, 193, 349-358.	2.2	35
66	Integration of the Medical Imaging Resource Center into a Teaching Hospital Network to Allow Single Sign-on Access. Radiographics, 2009, 29, 973-979.	3.3	5
67	Recurrent CT, Cumulative Radiation Exposure, and Associated Radiation-induced Cancer Risks from CT of Adults. Radiology, 2009, 251, 175-184.	7.3	833
68	IT Tools Will Be Critical in Helping Reduce Radiation Exposure From Medical Imaging. Journal of the American College of Radiology, 2009, 6, 125-126.	1.8	11
69	Business Intelligence Tools and Performance Improvement in Your Practice. Journal of the American College of Radiology, 2008, 5, 1210-1211.	1.8	6