

Safwan S Halabi

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,868
citations

331670

21
h-index

330143

37
g-index

43
all docs

43
docs citations

43
times ranked

4641
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention-guided deep learning for gestational age prediction using fetal brain MRI. <i>Scientific Reports</i> , 2022, 12, 1408.	3.3	15
2	Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter?[#]. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3662-3668.	1.5	3
3	Decoding COVID-19 pneumonia: comparison of deep learning and radiomics CT image signatures. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1478-1486.	6.4	66
4	Deep learning augments liver stiffness classification in children. <i>Pediatric Radiology</i> , 2021, 51, 381-382.	2.0	1
5	The RSNA Pulmonary Embolism CT Dataset. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200254.	5.8	44
6	Multi-classifier-based identification of COVID-19 from chest computed tomography using generalizable and interpretable radiomics features. <i>European Journal of Radiology</i> , 2021, 136, 109552.	2.6	25
7	Introduction to the artificial intelligence in pediatric radiology imaging special issue. <i>Pediatric Radiology</i> , 2021, , 1.	2.0	1
8	Artificial Intelligence Algorithm Improves Radiologist Performance in Skeletal Age Assessment: A Prospective Multicenter Randomized Controlled Trial. <i>Radiology</i> , 2021, 301, 692-699.	7.3	43
9	Data Sharing of Imaging in an Evolving Health Care World: Report of the ACR Data Sharing Workgroup, Part 2: Annotation, Curation, and Contracting. <i>Journal of the American College of Radiology</i> , 2021, 18, 1655-1665.	1.8	3
10	Data Sharing of Imaging in an Evolving Health Care World: Report of the ACR Data Sharing Workgroup, Part 1: Data Ethics of Privacy, Consent, and Anonymization. <i>Journal of the American College of Radiology</i> , 2021, 18, 1646-1654.	1.8	10
11	Deep learning to automate Brasfield chest radiographic scoring for cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 131-138.	0.7	28
12	In fetuses with congenital lung masses, decreased ventricular and atrioventricular valve dimensions are associated with lesion size and clinical outcome. <i>Prenatal Diagnosis</i> , 2020, 40, 206-215.	2.3	4
13	Sonographic Diagnosis of Velamentous and Marginal Placental Cord Insertion. <i>Ultrasound Quarterly</i> , 2020, 36, 247-254.	0.8	8
14	Artificially Practical in Every Way. <i>Journal of the American College of Radiology</i> , 2020, 17, 1361-1362.	1.8	0
15	The Effect of Including Benchmark Prevalence Data of Common Imaging Findings in Spine Image Reports on Health Care Utilization Among Adults Undergoing Spine Imaging. <i>JAMA Network Open</i> , 2020, 3, e2015713.	5.9	33
16	Taking Matters into Your Own Hands. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200150.	5.8	1
17	Construction of a Machine Learning Dataset through Collaboration: The RSNA 2019 Brain CT Hemorrhage Challenge. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190211.	5.8	94
18	CheXpert: A Large Chest Radiograph Dataset with Uncertainty Labels and Expert Comparison. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 590-597.	4.9	954

#	ARTICLE	IF	CITATIONS
19	Challenges Related to Artificial Intelligence Research in Medical Imaging and the Importance of Image Analysis Competitions. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e180031.	5.8	88
20	Deep Learning–Assisted Diagnosis of Cerebral Aneurysms Using the HeadXNet Model. <i>JAMA Network Open</i> , 2019, 2, e195600.	5.9	163
21	209: Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter?. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S151.	1.3	0
22	Augmenting the National Institutes of Health Chest Radiograph Dataset with Expert Annotations of Possible Pneumonia. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e180041.	5.8	141
23	Improving Automated Pediatric Bone Age Estimation Using Ensembles of Models from the 2017 RSNA Machine Learning Challenge. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e190053.	5.8	36
24	Human–machine partnership with artificial intelligence for chest radiograph diagnosis. <i>Npj Digital Medicine</i> , 2019, 2, 111.	10.9	94
25	The RSNA Pediatric Bone Age Machine Learning Challenge. <i>Radiology</i> , 2019, 290, 498-503.	7.3	277
26	Data Science: Big Data, Machine Learning, and Artificial Intelligence. <i>Journal of the American College of Radiology</i> , 2018, 15, 497-498.	1.8	40
27	Translational Radiomics: Defining the Strategy Pipeline and Considerations for Application—Part 2: From Clinical Implementation to Enterprise. <i>Journal of the American College of Radiology</i> , 2018, 15, 543-549.	1.8	10
28	Translational Radiomics: Defining the Strategy Pipeline and Considerations for Application—Part 1: From Methodology to Clinical Implementation. <i>Journal of the American College of Radiology</i> , 2018, 15, 538-542.	1.8	12
29	Performance of a Deep-Learning Neural Network Model in Assessing Skeletal Maturity on Pediatric Hand Radiographs. <i>Radiology</i> , 2018, 287, 313-322.	7.3	327
30	Artificial Swarm Intelligence employed to Amplify Diagnostic Accuracy in Radiology. , 2018, , .		35
31	Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet. <i>PLoS Medicine</i> , 2018, 15, e1002699.	8.4	409
32	Deep learning for chest radiograph diagnosis: A retrospective comparison of the CheXNeXt algorithm to practicing radiologists. <i>PLoS Medicine</i> , 2018, 15, e1002686.	8.4	773
33	Migrating to the Modern PACS: Challenges and Opportunities. <i>Radiographics</i> , 2018, 38, 1761-1772.	3.3	17
34	Evaluating the Effect of Unstructured Clinical Information on Clinical Decision Support Appropriateness Ratings. <i>Journal of the American College of Radiology</i> , 2017, 14, 737-743.	1.8	5
35	Technical Challenges in the Clinical Application of Radiomics. <i>JCO Clinical Cancer Informatics</i> , 2017, 1, 1-8.	2.1	23
36	Large intra-thoracic desmoid tumor with airway compression: A case report and review of the literature. <i>Journal of Pediatric Surgery Case Reports</i> , 2016, 5, 15-18.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Datafish Multiphase Data Mining Technique to Match Multiple Mutually Inclusive Independent Variables in Large PACS Databases. Journal of Digital Imaging, 2016, 29, 331-336.	2.9	4
38	Concierge and Second-Opinion Radiology: Review of Current Practices. Current Problems in Diagnostic Radiology, 2016, 45, 111-114.	1.4	7
39	The Effect of Clinical Decision Support for Advanced Inpatient Imaging. Journal of the American College of Radiology, 2015, 12, 358-363.	1.8	30
40	Lumbar Imaging With Reporting Of Epidemiology (LIRE) Protocol for a pragmatic cluster randomized trial. Contemporary Clinical Trials, 2015, 45, 157-163.	1.8	35
41	Improving the Application of Imaging Clinical Decision Support Tools: Making the Complex Simple. Journal of the American College of Radiology, 2014, 11, 257-261.	1.8	7