

# Sema Candemir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1734317/publications.pdf>

Version: 2024-02-01

40  
papers

2,283  
citations

516215

16  
h-index

552369

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1957  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	5
2	Training Strategies for Radiology Deep Learning Models in Data-limited Scenarios. Radiology: Artificial Intelligence, 2021, 3, e210014.	3.0	35
3	Predicting Mental Decline Rates in Mild Cognitive Impairment From Baseline MRI Volumetric Data. Alzheimer Disease and Associated Disorders, 2021, 35, 1-7.	0.6	4
4	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.	1.6	16
5	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.	3.5	36
6	Hybrid Automatic Lung Segmentation on Chest CT Scans. IEEE Access, 2020, 8, 73293-73306.	2.6	20
7	Predicting rate of cognitive decline at baseline using a deep neural network with multidata analysis. Journal of Medical Imaging, 2020, 7, 1.	0.8	9
8	A review on lung boundary detection in chest X-rays. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 563-576.	1.7	98
9	A User Interface for Optimizing Radiologist Engagement in Image Data Curation for Artificial Intelligence. Radiology: Artificial Intelligence, 2019, 1, e180095.	3.0	19
10	Visualizing and explaining deep learning predictions for pneumonia detection in pediatric chest radiographs. , 2019, , .		21
11	Deep Learning for Grading Cardiomegaly Severity in Chest X-Rays: An Investigation. , 2018, , .		22
12	A novel stacked generalization of models for improved TB detection in chest radiographs. , 2018, 2018, 718-721.		38
13	Visualization and Interpretation of Convolutional Neural Network Predictions in Detecting Pneumonia in Pediatric Chest Radiographs. Applied Sciences (Switzerland), 2018, 8, 1715.	1.3	191
14	Detecting drug-resistant tuberculosis in chest radiographs. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1915-1925.	1.7	41
15	Feature Selection for Automatic Tuberculosis Screening in Frontal Chest Radiographs. Journal of Medical Systems, 2018, 42, 146.	2.2	116
16	Region of Interest Detection in Fundus Images Using Deep Learning and Blood Vessel Information. , 2018, , .		5
17	Comparing deep learning models for population screening using chest radiography. , 2018, , .		24
18	Local-global classifier fusion for screening chest radiographs. Proceedings of SPIE, 2017, , .	0.8	9

#	ARTICLE	IF	CITATIONS
19	Visualizing abnormalities in chest radiographs through salient network activations in Deep Learning. , 2017, , .		13
20	Novel Method for Storyboarding Biomedical Videos for Medical Informatics. , 2017, , .		0
21	Atlas-based rib-bone detection in chest X-rays. Computerized Medical Imaging and Graphics, 2016, 51, 32-39.	3.5	24
22	Automatic heart localization and radiographic index computation in chest x-rays. Proceedings of SPIE, 2016, , .	0.8	6
23	Combination of texture and shape features to detect pulmonary abnormalities in digital chest X-rays. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 99-106.	1.7	98
24	Foreign object detection in chest X-rays. , 2015, , .		21
25	Lung boundary detection in pediatric chest x-rays. Proceedings of SPIE, 2015, , .	0.8	9
26	Automatically Detecting Rotation in Chest Radiographs Using Principal Rib-Orientation Measure for Quality Control. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1557001.	0.7	21
27	RSILC: Rotation- and Scale-Invariant, Line-based Color-aware descriptor. Image and Vision Computing, 2015, 42, 1-12.	2.7	35
28	Chest X-ray Image View Classification. , 2015, , .		32
29	Rotation Detection in Chest Radiographs Based on Generalized Line Histogram of Rib-Orientations. , 2014, , .		2
30	Automatic Tuberculosis Screening Using Chest Radiographs. IEEE Transactions on Medical Imaging, 2014, 33, 233-245.	5.4	403
31	Lung Segmentation in Chest Radiographs Using Anatomical Atlases With Nonrigid Registration. IEEE Transactions on Medical Imaging, 2014, 33, 577-590.	5.4	418
32	Two public chest X-ray datasets for computer-aided screening of pulmonary diseases. Quantitative Imaging in Medicine and Surgery, 2014, 4, 475-7.	1.1	370
33	Multi-class regularization parameter learning for graph cut image segmentation. , 2013, , .		12
34	Automatic screening for tuberculosis in chest radiographs: a survey. Quantitative Imaging in Medicine and Surgery, 2013, 3, 89-99.	1.1	68
35	Feature fusion using ranking for object tracking in aerial imagery. , 2012, , .		5
36	Feature prominence-based weighting scheme for video tracking. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
37	Statistical Significance Based Graph Cut Segmentation for Shrinking Bias. Lecture Notes in Computer Science, 2011, , 304-313.	1.0	6
38	Adaptive Regularization Parameter for Graph Cut Segmentation. Lecture Notes in Computer Science, 2010, , 117-126.	1.0	16
39	A nonparametric statistical approach for stereo correspondence. , 2007, , .		2
40	Statistical significance based graph cut regularization for medical image segmentation. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	0.9	3