

# Ali Abbasian Ardekani

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1214287/ali-abbasian-ardekani-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

574  
citations

9  
h-index

23  
g-index

38  
ext. papers

855  
ext. citations

3  
avg, IF

4.87  
L-index

#	Paper	IF	Citations
34	Application of deep learning technique to manage COVID-19 in routine clinical practice using CT images: Results of 10 convolutional neural networks. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 121, 103795	7.95	333
33	Ultrastructural and optical characteristics of cancer cells treated by a nanotechnology based chemo-photothermal therapy method. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2019</b> , 192, 19-25	6.7	44
32	Classification of Benign and Malignant Thyroid Nodules Using Wavelet Texture Analysis of Sonograms. <i>Journal of Ultrasound in Medicine</i> , <b>2015</b> , 34, 1983-9	2.9	34
31	COVIDiag: a clinical CAD system to diagnose COVID-19 pneumonia based on CT findings. <i>European Radiology</i> , <b>2021</b> , 31, 121-130	8	31
30	Classification of breast tumors using sonographic texture analysis. <i>Journal of Ultrasound in Medicine</i> , <b>2015</b> , 34, 225-31	2.9	13
29	Application of Texture Analysis in Diagnosis of Multiple Sclerosis by Magnetic Resonance Imaging. <i>Global Journal of Health Science</i> , <b>2015</b> , 7, 68-78	1.3	13
28	A Hybrid Multilayer Filtering Approach for Thyroid Nodule Segmentation on Ultrasound Images. <i>Journal of Ultrasound in Medicine</i> , <b>2019</b> , 38, 629-640	2.9	13
27	Evaluation of nonlinear optical differences between breast cancer cell lines SK-BR-3 and MCF-7; an in vitro study. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2018</b> , 23, 171-175	3.5	13
26	Diagnosis of carpal tunnel syndrome: A comparative study of shear wave elastography, morphometry and artificial intelligence techniques. <i>Pattern Recognition Letters</i> , <b>2020</b> , 133, 77-85	4.7	9
25	Clinical and radiological characteristics of pediatric patients with COVID-19: focus on imaging findings. <i>Japanese Journal of Radiology</i> , <b>2020</b> , 38, 987-992	2.9	8
24	A Clinical Decision Support System Using Ultrasound Textures and Radiologic Features to Distinguish Metastasis From Tumor-Free Cervical Lymph Nodes in Patients With Papillary Thyroid Carcinoma. <i>Journal of Ultrasound in Medicine</i> , <b>2018</b> , 37, 2527-2535	2.9	8
23	Application of texture analysis method for classification of benign and malignant thyroid nodules in ultrasound images. <i>Iranian Journal of Cancer Prevention</i> , <b>2015</b> , 8, 116-24		8
22	Predictive quantitative sonographic features on classification of hot and cold thyroid nodules. <i>European Journal of Radiology</i> , <b>2018</b> , 101, 170-177	4.7	5
21	Radioprotective effects of selenium and vitamin-E against 6MV X-rays in human blood lymphocytes by micronucleus assay. <i>Medical Journal of the Islamic Republic of Iran</i> , <b>2016</b> , 30, 367	1.1	5
20	CAD system based on B-mode and color Doppler sonographic features may predict if a thyroid nodule is hot or cold. <i>European Radiology</i> , <b>2019</b> , 29, 4258-4265	8	4
19	A practical artificial intelligence system to diagnose COVID-19 using computed tomography: A multinational external validation study. <i>Pattern Recognition Letters</i> , <b>2021</b> , 152, 42-49	4.7	4
18	Assessment of Kidney Function After Allograft Transplantation by Texture Analysis. <i>Iranian Journal of Kidney Diseases</i> , <b>2017</b> , 11, 157-164	0.9	4

17	Evaluation of nonlinear optical behavior of mouse colon cancer cell line CT26 in hyperthermia treatment. <i>Lasers in Medical Science</i> , <b>2019</b> , 34, 1627-1635	3.1	3
16	Scintigraphic texture analysis for assessment of renal allograft function. <i>Polish Journal of Radiology</i> , <b>2018</b> , 83, e1-e10	1.6	3
15	The effects of gold nanoparticles characteristics and laser irradiation conditions on spatiotemporal temperature pattern of an agar phantom: A simulation and MR thermometry study. <i>Optik</i> , <b>2020</b> , 202, 163718	2.5	3
14	Accurate automated diagnosis of carpal tunnel syndrome using radiomics features with ultrasound images: A comparison with radiologists assessment. <i>European Journal of Radiology</i> , <b>2021</b> , 136, 109518	4.7	3
13	Diagnosis of human prostate carcinoma cancer stem cells enriched from DU145 cell lines changes with microscopic texture analysis in radiation and hyperthermia treatment using run-length matrix. <i>International Journal of Radiation Biology</i> , <b>2017</b> , 93, 1248-1256	2.9	2
12	Interpretation of radiomics features-A pictorial review.. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 215, 106609	6.9	2
11	Assessment of nonlinear optical refractive index in identification of bacterial infection. <i>Laser Physics</i> , <b>2019</b> , 29, 075602	1.2	1
10	Magneto-plasmonic nanoparticle mediated thermo-radiotherapy significantly affects the nonlinear optical properties of treated cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2020</b> , 30, 101785	3.5	1
9	Differentiation between metastatic and tumour-free cervical lymph nodes in patients with papillary thyroid carcinoma by grey-scale sonographic texture analysis. <i>Polish Journal of Radiology</i> , <b>2018</b> , 83, e37-e46	1.6	1
8	The impact of frame numbers on cardiac ECG-gated SPECT images with interpolated extra frames using echocardiography. <i>Medical Journal of the Islamic Republic of Iran</i> , <b>2020</b> , 34, 57	1.1	1
7	Correlation between Kidney Function and Sonographic Texture Features after Allograft Transplantation with Corresponding to Serum Creatinine: A Long Term Follow-Up Study. <i>Journal of Biomedical Physics and Engineering</i> , <b>2020</b> , 10, 713-726	1	1
6	Z-scan method to measure the nonlinear optical behavior of cells for evaluating the cytotoxic effects of chemotherapy and hyperthermia treatments. <i>Lasers in Medical Science</i> , <b>2021</b> , 36, 1067-1075	3.1	1
5	Novel Radiomics Features for Automated Detection of Cardiac Abnormality in Patients with Pacemaker.. <i>Computational and Mathematical Methods in Medicine</i> , <b>2022</b> , 2022, 1279749	2.8	1
4	Nonlinear optical response of cancer cells following conventional and nano-technology based treatment strategies: Results of chemo-, thermo- and radiation therapies.. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 37, 102686	3.5	0
3	The capability of nonlinear optical characteristics as a predictor for cellular uptake of nanoparticles and cell damage. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2019</b> , 27, 442-448	3.5	
2	Assessment of the non-linear optical behavior of cells for discrimination between normal and malignant glial cells. <i>Laser Physics</i> , <b>2020</b> , 30, 125601	1.2	
1	Automated Diagnosis and Assessment of Cardiac Structural Alteration in Hypertension Ultrasound Images. <i>Contrast Media and Molecular Imaging</i> , <b>2022</b> , 2022, 1-10	3.2	