

# Mahdi Tabassian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6826324/publications.pdf>

Version: 2024-02-01

15  
papers

359  
citations

1307594

7  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-rigid image registration using a modified fuzzy feature-based inference system for 3D cardiac motion estimation. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 205, 106085.	4.7	3
2	A machine learning framework for the evaluation of myocardial rotation in patients with noncompaction cardiomyopathy. <i>PLoS ONE</i> , 2021, 16, e0260195.	2.5	0
3	Proposed Requirements for Cardiovascular Imaging-Related Machine Learning Evaluation (PRIME): A Checklist. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2017-2035.	5.3	123
4	Biventricular imaging markers to predict outcomes in non-compaction cardiomyopathy: a machine learning study. <i>ESC Heart Failure</i> , 2020, 7, 2431-2439.	3.1	11
5	Area of the pressure-strain loop during ejection as non-invasive index of left ventricular performance: a population study. <i>Cardiovascular Ultrasound</i> , 2019, 17, 15.	1.6	8
6	Diagnosis of Heart Failure With Preserved Ejection Fraction: Machine Learning of Spatiotemporal Variations in Left Ventricular Deformation. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 1272-1284.e9.	2.8	90
7	Machine learning of the spatio-temporal characteristics of echocardiographic deformation curves for infarct classification. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1159-1167.	1.5	30
8	Handling missing strain (rate) curves using K-nearest neighbor imputation. , 2016, , .		4
9	Automatic detection of ischemic myocardium by spatio-temporal analysis of echocardiographic strain and strain rate curves. , 2015, , .		2
10	Principal Component Analysis for the Classification of Cardiac Motion Abnormalities Based on Echocardiographic Strain and Strain Rate Imaging. <i>Lecture Notes in Computer Science</i> , 2015, , 83-90.	1.3	3
11	A fully automated method for carotid plaques segmentation in ultrasound images based on motion estimation and level-set. , 2014, , .		0
12	Learning Features from Medical Radiofrequency Ultrasonic Signals by Independent Component Analysis. , 2014, , .		0
13	Combination of multiple diverse classifiers using belief functions for handling data with imperfect labels. <i>Expert Systems With Applications</i> , 2012, 39, 1698-1707.	7.6	21
14	Combining complementary information sources in the Dempster-Shafer framework for solving classification problems with imperfect labels. <i>Knowledge-Based Systems</i> , 2012, 27, 92-102.	7.1	28
15	Knitted fabric defect classification for uncertain labels based on Dempster-Shafer theory of evidence. <i>Expert Systems With Applications</i> , 2011, 38, 5259-5267.	7.6	36