

# Annarita Fanizzi

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

994  
citations

361045

20  
h-index

476904

29  
g-index

59  
all docs

59  
docs citations

59  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning reveals Alzheimer's disease onset in MCI subjects: Results from an international challenge. <i>Journal of Neuroscience Methods</i> , 2018, 302, 3-9.	1.3	104
2	Radiomic Analysis in Contrast-Enhanced Spectral Mammography for Predicting Breast Cancer Histological Outcome. <i>Diagnostics</i> , 2020, 10, 708.	1.3	57
3	Artificial intelligence applications in medical imaging: A review of the medical physics research in Italy. <i>Physica Medica</i> , 2021, 83, 221-241.	0.4	44
4	Deep Learning and Multiplex Networks for Accurate Modeling of Brain Age. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 115.	1.7	41
5	Fully Automated Support System for Diagnosis of Breast Cancer in Contrast-Enhanced Spectral Mammography Images. <i>Journal of Clinical Medicine</i> , 2019, 8, 891.	1.0	40
6	Microcalcification detection in full-field digital mammograms: A fully automated computer-aided system. <i>Physica Medica</i> , 2019, 64, 1-9.	0.4	38
7	Radiomics Analysis on Contrast-Enhanced Spectral Mammography Images for Breast Cancer Diagnosis: A Pilot Study. <i>Entropy</i> , 2019, 21, 1110.	1.1	38
8	Radiomic Feature Reduction Approach to Predict Breast Cancer by Contrast-Enhanced Spectral Mammography Images. <i>Diagnostics</i> , 2021, 11, 684.	1.3	37
9	Ensemble Discrete Wavelet Transform and Gray-Level Co-Occurrence Matrix for Microcalcification Cluster Classification in Digital Mammography. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5388.	1.3	34
10	A machine learning approach on multiscale texture analysis for breast microcalcification diagnosis. <i>BMC Bioinformatics</i> , 2020, 21, 91.	1.2	34
11	Early prediction of neoadjuvant chemotherapy response by exploiting a transfer learning approach on breast DCE-MRIs. <i>Scientific Reports</i> , 2021, 11, 14123.	1.6	34
12	Predicting of Sentinel Lymph Node Status in Breast Cancer Patients with Clinically Negative Nodes: A Validation Study. <i>Cancers</i> , 2021, 13, 352.	1.7	33
13	Prediction of Breast Cancer Histological Outcome by Radiomics and Artificial Intelligence Analysis in Contrast-Enhanced Mammography. <i>Cancers</i> , 2022, 14, 2132.	1.7	31
14	Early Prediction of Breast Cancer Recurrence for Patients Treated with Neoadjuvant Chemotherapy: A Transfer Learning Approach on DCE-MRIs. <i>Cancers</i> , 2021, 13, 2298.	1.7	29
15	Alzheimer's disease diagnosis based on the Hippocampal Unified Multi-Atlas Network (HUMAN) algorithm. <i>BioMedical Engineering OnLine</i> , 2018, 17, 6.	1.3	28
16	MRI in Pregnancy and Precision Medicine: A Review from Literature. <i>Journal of Personalized Medicine</i> , 2022, 12, 9.	1.1	28
17	A Gradient-Based Approach for Breast DCE-MRI Analysis. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	24
18	A Roadmap towards Breast Cancer Therapies Supported by Explainable Artificial Intelligence. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4881.	1.3	24

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19	Six-year prospective evaluation of second-look US with volume navigation for MRI-detected additional breast lesions. <i>European Radiology</i> , 2019, 29, 1799-1808.	2.3	21
20	A Clinical Decision Support System for Predicting Invasive Breast Cancer Recurrence: Preliminary Results. <i>Frontiers in Oncology</i> , 2021, 11, 576007.	1.3	21
21	A Multicentre Evaluation of Dosiomics Features Reproducibility, Stability and Sensitivity. <i>Cancers</i> , 2021, 13, 3835.	1.7	21
22	Cemiplimab in an Elderly Frail Population of Patients With Locally Advanced or Metastatic Cutaneous Squamous Cell Carcinoma: A Single-Center Real-Life Experience From Italy. <i>Frontiers in Oncology</i> , 2021, 11, 686308.	1.3	21
23	A ultrasound-based radiomic approach to predict the nodal status in clinically negative breast cancer patients. <i>Scientific Reports</i> , 2022, 12, 7914.	1.6	20
24	A fuzzy-based system reveals Alzheimer's Disease onset in subjects with Mild Cognitive Impairment. <i>Physica Medica</i> , 2017, 38, 36-44.	0.4	18
25	Response Predictivity to Neoadjuvant Therapies in Breast Cancer: A Qualitative Analysis of Background Parenchymal Enhancement in DCE-MRI. <i>Journal of Personalized Medicine</i> , 2021, 11, 256.	1.1	18
26	Robustness Evaluation of a Deep Learning Model on Sagittal and Axial Breast DCE-MRIs to Predict Pathological Complete Response to Neoadjuvant Chemotherapy. <i>Journal of Personalized Medicine</i> , 2022, 12, 953.	1.1	15
27	Feasibility, Image Quality and Clinical Evaluation of Contrast-Enhanced Breast MRI Performed in a Supine Position Compared to the Standard Prone Position. <i>Cancers</i> , 2020, 12, 2364.	1.7	14
28	Hough transform for clustered microcalcifications detection in full-field digital mammograms. , 2017, , .		14
29	Second-Generation 3D Automated Breast Ultrasonography (Prone ABUS) for Dense Breast Cancer Screening Integrated to Mammography: Effectiveness, Performance and Detection Rates. <i>Journal of Personalized Medicine</i> , 2021, 11, 875.	1.1	11
30	Pathological Complete Response to Neoadjuvant Chemoimmunotherapy for Early Triple-Negative Breast Cancer: An Updated Meta-Analysis. <i>Cells</i> , 2022, 11, 1857.	1.8	10
31	Resilient City and Seismic Risk: A Spatial Multicriteria Approach. <i>Lecture Notes in Computer Science</i> , 2011, , 410-422.	1.0	8
32	Elite VABB 13G: A New Ultrasound-Guided Wireless Biopsy System for Breast Lesions. Technical Characteristics and Comparison with Respect to Traditional Core-Biopsy 14 and 16G Systems. <i>Diagnostics</i> , 2020, 10, 291.	1.3	7
33	A Proposal of Quantum-Inspired Machine Learning for Medical Purposes: An Application Case. <i>Mathematics</i> , 2021, 9, 410.	1.1	7
34	Examining the Relationship between Circulating CD4 <sup>+</sup> CD8 <sup>+</sup> Double-Negative T Cells and Outcomes of Immuno-Checkpoint Inhibitor Therapy—Looking for Biomarkers and Therapeutic Targets in Metastatic Melanoma. <i>Cells</i> , 2021, 10, 406.	1.8	7
35	Sentinel Lymph Node Metastasis on Clinically Negative Patients: Preliminary Results of a Machine Learning Model Based on Histopathological Features. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10372.	1.3	7
36	Homogenous Urban Poverty Clusters within the City of Bari. <i>Lecture Notes in Computer Science</i> , 2008, , 232-244.	1.0	6

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37	A Fuzzy Approach to the Small Area Estimation of Poverty in Italy. <i>Smart Innovation, Systems and Technologies</i> , 2010, , 309-318.	0.5	5
38	An Analysis of Poverty in Italy through a Fuzzy Regression Model. <i>Lecture Notes in Computer Science</i> , 2011, , 342-355.	1.0	5
39	Computer Aided Detection System for Prediction of the Malaise during Hemodialysis. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-10.	0.7	4
40	Goodness of Fit Measures and Model Selection in a Fuzzy Least Squares Regression Analysis. <i>Studies in Computational Intelligence</i> , 2013, , 241-257.	0.7	4
41	An Invasive Disease Event-Free Survival Analysis to Investigate Ki67 Role with Respect to Breast Cancer Patients's Age: A Retrospective Cohort Study. <i>Cancers</i> , 2022, 14, 2215.	1.7	4
42	A fuzzy approach to discriminant analysis based on polynomial regression models. <i>International Journal of Business Intelligence and Data Mining</i> , 2014, 9, 1.	0.2	3
43	Topological Complex Networks Properties for Gene Community Detection Strategy: DRD2 Case Study. <i>Springer Proceedings in Physics</i> , 2017, , 199-208.	0.1	3
44	Diagnostic challenges and potential early indicators of breast periprosthetic anaplastic large cell lymphoma. <i>Medicine (United States)</i> , 2020, 99, e21095.	0.4	3
45	Disease-Free Survival after Breast Conservation Therapy vs. Mastectomy of Patients with T1/2 Breast Cancer and No Lymph Node Metastases: Our Experience. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9800.	1.3	2
46	Informative Power Evaluation of Clinical Parameters to Predict Initial Therapeutic Response in Patients with Advanced Pleural Mesothelioma: A Machine Learning Approach. <i>Journal of Clinical Medicine</i> , 2022, 11, 1659.	1.0	2
47	A machine learning technique for discriminating captive-reared from wild Atlantic bluefin tuna, <i>Thunnus thynnus</i> (Osteichthyes: Scombridae), based on differential fin spine bone resorption. <i>Fisheries Research</i> , 2017, 194, 42-49.	0.9	1
48	Prevalence of Patients Affected by Fibromyalgia in a Cohort of Women Underwent Mammography Screening. <i>Healthcare (Switzerland)</i> , 2021, 9, 1340.	1.0	1
49	Cemiplimab in a very frail population of patients with advanced or metastatic cutaneous squamous cell carcinoma: A monocenter real-life experience from Italy.. <i>Journal of Clinical Oncology</i> , 2021, 39, e21524-e21524.	0.8	0
50	SOME RESULTS ON A MULTIVARIATE GENERALIZATION OF THE FUZZY LEAST SQUARE REGRESSION. , 2009, , .		0
51	The Pricing of Risky Securities in a Fuzzy Least Square Regression Model. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 639-646.	0.1	0
52	A STEPWISE PROCEDURE TO SELECT VARIABLES IN A FUZZY LEAST SQUARE REGRESSION MODEL. , 2011, , .		0
53	The Graduates' Satisfaction at Work Through a Generalization of the Fuzzy Least Square Regression Model. <i>Lecture Notes in Computer Science</i> , 2015, , 46-60.	1.0	0
54	Association between MRI structural features and cognitive measures in pediatric multiple sclerosis. , 2017, , .		0

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55	La biopsia ecoguidata Elite con sistema TruVac e sonda da 13 G: risultati preliminari. Journal of Radiological Review, 2019, 5, .	0.1	0