

Margarita Kirienko

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,134
citations

201385

27
h-index

233125

45
g-index

55
all docs

55
docs citations

55
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards clinical application of image mining: a systematic review on artificial intelligence and radiomics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2656-2672.	3.3	177
2	Prediction of disease-free survival by the PET/CT radiomic signature in non-small cell lung cancer patients undergoing surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 207-217.	3.3	143
3	PET Radiomics in NSCLC: state of the art and a proposal for harmonization of methodology. <i>Scientific Reports</i> , 2017, 7, 358.	1.6	127
4	Ability of FDG PET and CT radiomics features to differentiate between primary and metastatic lung lesions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1649-1660.	3.3	112
5	PET/CT radiomics in breast cancer: promising tool for prediction of pathological response to neoadjuvant chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1468-1477.	3.3	107
6	Texture analysis and machine learning to characterize suspected thyroid nodules and differentiated thyroid cancer: Where do we stand?. <i>European Journal of Radiology</i> , 2018, 99, 1-8.	1.2	85
7	State-of-the-art of FAPI-PET imaging: a systematic review and meta-analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4396-4414.	3.3	85
8	Radiomics based analysis to predict local control and survival in hepatocellular carcinoma patients treated with volumetric modulated arc therapy. <i>BMC Cancer</i> , 2017, 17, 829.	1.1	77
9	¹¹ C-Choline PET/CT as a guide to radiation treatment planning of lymph-node relapses in prostate cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1270-9.	3.3	72
10	FDG-PET/CT findings highly suspicious for COVID-19 in an Italian case series of asymptomatic patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1649-1656.	3.3	63
11	[¹⁸ F]FDG PET/CT features for the molecular characterization of primary breast tumors. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1945-1954.	3.3	61
12	Predictive value of pre-therapy ¹⁸ F-FDG PET/CT for the outcome of ¹⁸ F-FDG PET-guided radiotherapy in patients with head and neck cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 21-31.	3.3	60
13	Computed tomography based radiomic signature as predictive of survival and local control after stereotactic body radiation therapy in pancreatic carcinoma. <i>PLoS ONE</i> , 2019, 14, e0210758.	1.1	58
14	Imaging biomarkers in prostate cancer: role of PET/CT and MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 644-655.	3.3	57
15	Convolutional Neural Networks Promising in Lung Cancer T-Parameter Assessment on Baseline FDG-PET/CT. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-6.	0.4	57
16	Radiomics and gene expression profile to characterise the disease and predict outcome in patients with lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3643-3655.	3.3	53
17	Computed tomography (CT)-derived radiomic features differentiate prevascular mediastinum masses as thymic neoplasms versus lymphomas. <i>Radiologia Medica</i> , 2020, 125, 951-960.	4.7	52
18	Imaging-Based Prediction of Molecular Therapy Targets in NSCLC by Radiogenomics and AI Approaches: A Systematic Review. <i>Diagnostics</i> , 2020, 10, 359.	1.3	51

#	ARTICLE	IF	CITATIONS
19	Clinical use of PET-CT data for radiotherapy planning: What are we looking for?. Radiotherapy and Oncology, 2010, 96, 277-279.	0.3	50
20	Predictive value of 18F-FDG PET/CT in restaging patients affected by ovarian carcinoma: a multicentre study. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 404-413.	3.3	47
21	PET/CT radiomics in breast cancer: Mind the step. Methods, 2021, 188, 122-132.	1.9	44
22	Toxicity and efficacy of salvage carbon 11â€•choline positron emission tomography/computed tomographyâ€•guided radiation therapy in patients with lymph node recurrence of prostate cancer. BJU International, 2017, 119, 406-413.	1.3	43
23	[11C]Choline PET/CT predicts survival in hormone-naïve prostate cancer patients with biochemical failure after radical prostatectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 877-884.	3.3	38
24	The â€•Mâ€•Approach to Cardiovascular Infections: Multimodality, Multitracers, and Multidisciplinary. Seminars in Nuclear Medicine, 2018, 48, 199-224.	2.5	38
25	PET/MRI in Infection and Inflammation. Seminars in Nuclear Medicine, 2018, 48, 225-241.	2.5	38
26	Radiation Treatment of Lymph Node Recurrence from Prostate Cancer: Is ¹¹ C-Choline PET/CT Predictive of Survival Outcomes?. Journal of Nuclear Medicine, 2015, 56, 1836-1842.	2.8	35
27	PSMA expression level predicts differentiated thyroid cancer aggressiveness and patient outcome. EJNMMI Research, 2019, 9, 93.	1.1	31
28	The role of PET/CT in the evaluation of patients affected by limbic encephalitis: A systematic review of the literature. Journal of Neuroimmunology, 2015, 284, 44-48.	1.1	29
29	[18F]FDG-PET/CT texture analysis in thyroid incidentalomas: preliminary results. European Journal of Hybrid Imaging, 2017, 1, 3.	0.6	24
30	Distributed learning: a reliable privacy-preserving strategy to change multicenter collaborations using AI. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3791-3804.	3.3	21
31	Prostate cancer as a paradigm of multidisciplinary approach? Highlights from the Italian young radiation oncologist meeting. Tumori, 2013, 99, 637-649.	0.6	18
32	Quantitative imaging biomarkers in nuclear medicine: from SUV to image mining studies. Highlights from annals of nuclear medicine 2018. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2737-2745.	3.3	18
33	FDG PET CT as theranostic imaging in diagnosis of non-small cell lung cancer. Frontiers in Bioscience - Landmark, 2017, 22, 1713-1723.	3.0	16
34	Increased incidence of interstitial pneumonia detected on [18F]-FDG-PET/CT in asymptomatic cancer patients during COVID-19 pandemic in Lombardy: a casualty or COVID-19 infection?. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 777-785.	3.3	16
35	Deep learning in Nuclear Medicineâ€•focus on CNN-based approaches for PET/CT and PET/MR: where do we stand?. Clinical and Translational Imaging, 2021, 9, 37-55.	1.1	14
36	Interdisciplinaridad: un requerimiento esencial para la traslaci3n de investigaci3n en radi3mica a la pr3ctica cl3nica. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 146-156.	0.0	14

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37	Climbing the steps of the evidence-based medicine pyramid: highlights from Annals of Nuclear Medicine 2019. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1293-1301.	3.3	13
38	Methodological framework for radiomics applications in Hodgkin's lymphoma. European Journal of Hybrid Imaging, 2020, 4, 9.	0.6	13
39	The five "W"s and "How" of Targeted Alpha Therapy: Why? Who? What? Where? When? and How?. Rendiconti Lincei, 2020, 31, 231-247.	1.0	12
40	CT, [18F]FDG-PET/CT and clinical findings before and during early Covid-19 onset in a patient affected by vascular tumour. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1769-1770.	3.3	12
41	Prevalence of interstitial pneumonia suggestive of COVID-19 at 18F-FDG PET/CT in oncological asymptomatic patients in a high prevalence country during pandemic period: a national multi-centric retrospective study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2871-2882.	3.3	11
42	Liver metastases from prostate cancer at 11C-Choline PET/CT: a multicenter, retrospective analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 751-758.	3.3	10
43	Hodgkin lymphoma and imaging in the era of anti-PD-1/PD-L1 therapy. Clinical and Translational Imaging, 2018, 6, 417-427.	1.1	8
44	Interdisciplinarity: an essential requirement for translation of radiomics research into clinical practice – a systematic review focused on thoracic oncology. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 146-156.	0.1	5
45	The Role of Nuclear Cardiac Imaging in Infective Endocarditis. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	3
46	FDG-PET/CT Predicts Outcome in Oropharyngeal Carcinoma Patients Undergoing Intensity Modulated Radiation Therapy with Dose Escalation to FDG-avid Tumour Volumes. Current Radiopharmaceuticals, 2017, 10, 102-110.	0.3	3
47	Writing PET into existence. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 7-10.	3.3	2
48	EP-1362: Random forest analysis to predict Disease-Free Survival using FDG-PET and CT in Lung Cancer. Radiotherapy and Oncology, 2018, 127, S743-S744.	0.3	1
49	Reply to: "Lack of evidence and criteria to evaluate artificial intelligence and radiomics tools to be implemented in clinical settings". European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2814-2815.	3.3	0
50	Allogeneic Stem Cell Transplantation (Allo-SCT) after Treatment with Programmed Cell Death-1 (PD-1) Checkpoint Inhibitors for Relapsed/Refractory Classic Hodgkin Lymphoma (R/R cHL) Is Associated with an Unprecedented Low Relapse Rate. Blood, 2018, 132, 2185-2185.	0.6	0