Martina Sollini

List of Publications by Year
in descending order

109 papers	3,391 citations	136950 32 h-index	161849 54 g-index
119 all docs	119 docs citations	119 times ranked	4313 citing authors

#	Article	IF	Citations
1	Patientsâ€™ findings after COVID-19 infection and vaccinations: what to expect from [18F]FDG PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 791-795.	6.4	8
2	Gamma camera imaging of infectious endocarditis. , 2022, , .		0
3	On the Automation of Radiomics-Based Identification and Characterization of NSCLC. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2670-2679.	6.3	11
4	Preoperative [11C]methionine PET to personalize treatment decisions in patients with lower-grade gliomas. Neuro-Oncology, 2022, 24, 1546-1556.	1.2	14
5	PET/CT-based radiomics of mass-forming intrahepatic cholangiocarcinoma improves prediction of pathology data and survival. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3387-3400.	6.4	27
6	Things are because we see them (O. Wilde): new radiopharmaceuticals for nuclear medicine imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, , 1.	6.4	0
7	Radiomics of Biliary Tumors: A Systematic Review of Current Evidence. Diagnostics, 2022, 12, 826.	2.6	11
8	ED-B-Containing Isoform of Fibronectin in Tumor Microenvironment of Thymomas: A Target for a Theragnostic Approach. Cancers, 2022, 14, 2592.	3.7	8
9	Alternative Nuclear Imaging Tools for Infection Imaging. Current Cardiology Reports, 2022, 24, 879-891.	2.9	2
10	PET imaging in cardiovascular infections. , 2022, , 627-655.		0
11	PET/CT radiomics in breast cancer: Mind the step. Methods, 2021, 188, 122-132.	3.8	44
12	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.	6.4	13
13	Vasculitis changes in COVID-19 survivors with persistent symptoms: an [18F]FDG-PET/CT study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1460-1466.	6.4	106
14	Infective Endocarditis and Cardiovascular Implantable Electronic Device Infection. , 2021, , 183-213.		0
15	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.	2.1	14
16	Asymptomatic versus symptomatic patients: [18F]FDG-PET/CT patterns and evolutionary track of COVID-19 associated vasculitis. Beyond Rheumatology, 2021, 3, .	0.3	1
17	Complete remission of follicular lymphoma after SARS-CoV-2 infection: from the â€œflare phenomenonâ€• to the â€œabscopal effectâ€• European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2652-2654.	6.4	29
18	Allogeneic transplantation after PD-1 blockade for classic Hodgkin lymphoma. Leukemia, 2021, 35, 2672-2683.	7.2	45

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19	Long COVID hallmarks on [18F]FDG-PET/CT: a case-control study. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3187-3197.	6.4	106
20	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.	6.4	21
21	Chemotherapy-Associated Liver Injuries: Unmet Needs and New Insights for Surgical Oncologists. Annals of Surgical Oncology, 2021, 28, 4074-4079.	1.5	5
22	Radiomics and gene expression profile to characterise the disease and predict outcome in patients with lung cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3643-3655.	6.4	53
23	State-of-the-art of FAPI-PET imaging: a systematic review and meta-analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4396-4414.	6.4	85
24	Virtual Biopsy for Diagnosis of Chemotherapy-Associated Liver Injuries and Steatohepatitis: A Combined Radiomic and Clinical Model in Patients with Colorectal Liver Metastases. Cancers, 2021, 13, 3077.	3.7	16
25	Contrast Administration Impacts CT-Based Radiomics of Colorectal Liver Metastases and Non-Tumoral Liver Parenchyma Revealing the â€œRadiologicalâ€•Tumour Microenvironment. Diagnostics, 2021, 11, 1162.	2.6	16
26	State of the art of 18F-FDG PET/CT application in inflammation and infection: a guide for image acquisition and interpretation. Clinical and Translational Imaging, 2021, 9, 299-339.	2.1	70
27	What to Trust, PSA or [68Ga]Ga-PSMA-11: Learn from Experience. Research and Reports in Urology, 2021, Volume 13, 597-601.	1.0	0
28	Circulating Tumor DNA Integrated with Interim [18F]FDG PET Is Highly Effective in Predicting Outcome of Relapsed/Refractory Classical Hodgkin Lymphoma Treated with the Begev Regimen. Blood, 2021, 138, 3504-3504.	1.4	1
29	[18F]FMCH PET/CT biomarkers and similarity analysis to refine the definition of oligometastatic prostate cancer. EJNMMI Research, 2021, 11, 119.	2.5	7
30	Role of Multimodal Imaging in Patients With Suspected Infections After the Bentall Procedure. Frontiers in Cardiovascular Medicine, 2021, 8, 745556.	2.4	7
31	[18F]Fluorocholine PET/CT-guided stereotactic body radiotherapy in patients with recurrent oligometastatic prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 185-191.	6.4	16
32	Radiomics of Liver Metastases: A Systematic Review. Cancers, 2020, 12, 2881.	3.7	69
33	The five â€œWâ€s and â€œHowâ€•of Targeted Alpha Therapy: Why? Who? What? Where? When? and How?. Rendiconti Lincei, 2020, 31, 231-247.	2.2	12
34	Imaging-Based Prediction of Molecular Therapy Targets in NSCLC by Radiogenomics and AI Approaches: A Systematic Review. Diagnostics, 2020, 10, 359.	2.6	51
35	Interdisciplinarity: an essential requirement for translation of radiomics research into clinical practice â€“ a systematic review focused on thoracic oncology. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 146-156.	0.2	5
36	Computed tomography (CT)-derived radiomic features differentiate prevascular mediastinum masses as thymic neoplasms versus lymphomas. Radiologia Medica, 2020, 125, 951-960.	7.7	52

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37	Artificial intelligence and hybrid imaging: the best match for personalized medicine in oncology. European Journal of Hybrid Imaging, 2020, 4, 24.	1.5	27
38	Methodological framework for radiomics applications in Hodgkinâ€™s lymphoma. European Journal of Hybrid Imaging, 2020, 4, 9.	1.5	13
39	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.	6.4	18
40	PSMA expression level predicts differentiated thyroid cancer aggressiveness and patient outcome. EJNMMI Research, 2019, 9, 93.	2.5	31
41	Reply to: â€œLack of evidence and criteria to evaluate artificial intelligence and radiomics tools to be implemented in clinical settingsâ€• European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2814-2815.	6.4	0
42	Computed tomography based radiomic signature as predictive of survival and local control after stereotactic body radiation therapy in pancreatic carcinoma. PLoS ONE, 2019, 14, e0210758.	2.5	58
43	Towards clinical application of image mining: a systematic review on artificial intelligence and radiomics. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2656-2672.	6.4	177
44	[18F]FDG PET/CT in non-union: improving the diagnostic performances by using both PET and CT criteria. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1605-1615.	6.4	14
45	Minimally-invasive treatments for benign thyroid nodules: a Delphi-based consensus statement from the Italian minimally-invasive treatments of the thyroid (MITT) group. International Journal of Hyperthermia, 2019, 36, 375-381.	2.5	143
46	PET/CT radiomics in breast cancer: promising tool for prediction of pathological response to neoadjuvant chemotherapy. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1468-1477.	6.4	107
47	Cardiac molecular pathways influenced by doxorubicin treatment in mice. Scientific Reports, 2019, 9, 2514.	3.3	22
48	Evaluation of diffusion-weighted MRI and (18F) fluorothymidine-PET biomarkers for early response assessment in patients with operable non-small cell lung cancer treated with neoadjuvant chemotherapy. BJR|Open, 2019, 1, 20190029.	0.6	2
49	Safety and Efficacy of Allogeneic Hematopoietic Stem Cell Transplant after Programmed Cell Death 1 (PD-1) / Programmed Cell Death Ligand 1 (PD-L1) Blockade for Classical Hodgkin Lymphoma: Analysis of a Large International Cohort. Blood, 2019, 134, 775-775.	1.4	5
50	Hybrid Imaging and Radionuclide Therapy in Hemato-oncology. , 2019, , 655-705.		0
51	The â€œ3Mâ€•Approach to Cardiovascular Infections: Multimodality, Multitracers, and Multidisciplinary. Seminars in Nuclear Medicine, 2018, 48, 199-224.	4.6	38
52	PET/MRI in Infection and Inflammation. Seminars in Nuclear Medicine, 2018, 48, 225-241.	4.6	38
53	Ability of FDG PET and CT radiomics features to differentiate between primary and metastatic lung lesions. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1649-1660.	6.4	112
54	Comprehensive meta-analysis on [18F] FDG PET/CT and radiolabelled leukocyte SPECTâ€“SPECT/CT imaging in infectious endocarditis and cardiovascular implantable electronic device infections. Clinical and Translational Imaging, 2018, 6, 3-18.	2.1	21

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55	Prediction of disease-free survival by the PET/CT radiomic signature in non-small cell lung cancer patients undergoing surgery. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 207-217.	6.4	143
56	Texture analysis and machine learning to characterize suspected thyroid nodules and differentiated thyroid cancer: Where do we stand?. European Journal of Radiology, 2018, 99, 1-8.	2.6	85
57	Concerns About the Risk of Myeloid Malignancies After Radioiodine Therapy in Thyroid Cancer. Journal of Clinical Oncology, 2018, 36, 1885-1886.	1.6	4
58	18F-FDG and 68Ga-somatostatin analogs PET/CT in patients with Merkel cell carcinoma: a comparison study. EJNMMI Research, 2018, 8, 64.	2.5	28
59	Convolutional Neural Networks Promising in Lung Cancer T-Parameter Assessment on Baseline FDG-PET/CT. Contrast Media and Molecular Imaging, 2018, 2018, 1-6.	0.8	57
60	Detection of Device Infection Using Nuclear Cardiology Imaging. Annals of Nuclear Cardiology, 2018, 4, 52-59.	0.2	7
61	Hodgkin lymphoma and imaging in the era of anti-PD-1/PD-L1 therapy. Clinical and Translational Imaging, 2018, 6, 417-427.	2.1	8
62	Radiolabeled Somatostatin Analogues in the Treatment of Non-GEP-NET Tumors. , 2018, , 483-503.		1
63	Current Status of Molecular Imaging in Infections. Current Pharmaceutical Design, 2018, 24, 754-771.	1.9	29
64	Diagnostic performances of [18F]fluorocholine positron emission tomography in brain tumors. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2018, 62, 209-219.	0.7	9
65	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.	1.4	0
66	PET Radiomics in NSCLC: state of the art and a proposal for harmonization of methodology. Scientific Reports, 2017, 7, 358.	3.3	127
67	[18F]FDG PET/CT features for the molecular characterization of primary breast tumors. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1945-1954.	6.4	61
68	Miniaturized Radiochemical Purity Testing for 99mTc-HMPAO, 99mTc-HMDP, and 99mTc-Tetrofosmin. Journal of Nuclear Medicine Technology, 2017, 45, 236-240.	0.8	1
69	The Role of Nuclear Cardiac Imaging in Infective Endocarditis. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.6	3
70	[18F]FDG-PET/CT texture analysis in thyroid incidentalomas: preliminary results. European Journal of Hybrid Imaging, 2017, 1, 3.	1.5	24
71	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
72	Radiomics based analysis to predict local control and survival in hepatocellular carcinoma patients treated with volumetric modulated arc therapy. BMC Cancer, 2017, 17, 829.	2.6	77

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73	ED-B fibronectin expression is a marker of epithelial-mesenchymal transition in translational oncology. Oncotarget, 2017, 8, 4914-4921.	1.8	32
74	Radionuclide Therapy of Leukemias and Multiple Myeloma. , 2017, , 1157-1195.		0
75	Diagnostic Applications of Nuclear Medicine: Multiple Myeloma. , 2017, , 1-39.		0
76	Diagnostic Applications of Nuclear Medicine: Multiple Myeloma. , 2017, , 395-433.		1
77	Diagnostic Applications of Nuclear Medicine: Leukemias. , 2017, , 435-465.		0
78	Comments on the Italian Society of Endocrinology recommendations on post-surgical thyroid ablation in differentiated thyroid cancer. Journal of Endocrinological Investigation, 2016, 39, 485-486.	3.3	1
79	Other Imaging Modalities in Infective Endocarditis Diagnosis. , 2016, , 51-79.		1
80	Detection of a second malignancy in prostate cancer patients by using [18F]Choline PET/CT: a case series. Cancer Imaging, 2016, 16, 27.	2.8	13
81	Somatostatin receptor positron emission tomography/computed tomography imaging in Merkel cell carcinoma. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 1507-1511.	2.4	10
82	[18F]Choline PET/CT and stereotactic body radiotherapy on treatment decision making of oligometastatic prostate cancer patients: preliminary results. Radiation Oncology, 2016, 11, 9.	2.7	70
83	18F-FDG PET/CT versus bone scintigraphy in the follow-up of gastric cancer. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 121-123.	0.0	1
84	Role of molecular imaging in the management of patients affected by inflammatory bowel disease: State-of-the-art. World Journal of Radiology, 2016, 8, 829.	1.1	16
85	Radionuclide Therapy of Leukemias and Multiple Myeloma. , 2016, , 1-39.		0
86	Diagnostic Applications of Nuclear Medicine: Leukemias. , 2016, , 1-31.		0
87	PET/CT and PET/MRI in Neurology: Infection/Inflammation. , 2016, , 139-176.		1
88	Clinical Applications of Nuclear Medicine: Multiple Myeloma. , 2016, , 1-39.		0
89	Combined imaging approach to diagnose a meningioma in a patient with prostate and lung cancers. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2015, 34, 66-67.	0.2	0
90	PET and PET/CT with⁶⁸Gallium-Labeled Somatostatin Analogues in Non GEP-NETs Tumors. Scientific World Journal, The, 2014, 2014, 1-19.	2.1	34

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91	The Role of Imaging in the Diagnosis of Recurrence of Primary Seminal Vesicle Adenocarcinoma. World Journal of Men?s Health, 2014, 32, 61.	3.3	13
92	Differentiated Thyroid Cancer: A New Perspective with Radiolabeled Somatostatin Analogues for Imaging and Treatment of Patients. Thyroid, 2014, 24, 715-726.	4.5	68
93	Radiation protection procedures in 131I treatments for thyroid cancer in patients requiring hemodialysis. Nuclear Medicine Communications, 2014, 35, 626-630.	1.1	2
94	Radiolabelled leucocyte scintigraphy versus conventional radiological imaging for the management of late, low-grade vascular prosthesis infections. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 357-368.	6.4	58
95	Image acquisition and interpretation criteria for 99mTc-HMPAO-labelled white blood cell scintigraphy: results of a multicentre study. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 615-623.	6.4	82
96	EANM guideline for the preparation of an Investigational Medicinal Product Dossier (IMPD). European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2175-2185.	6.4	31
97	FDG-PET in Cardiac Infections. Seminars in Nuclear Medicine, 2013, 43, 377-395.	4.6	54
98	Radiolabeled WBC Scintigraphy in the Diagnostic Workup of Patients With Suspected Device-Related Infections. JACC: Cardiovascular Imaging, 2013, 6, 1075-1086.	5.3	129
99	Dosimetry for nonuniform activity distributions: A method for the calculation of 3D absorbedâ€dose distribution without the use of voxel Sâ€values, point kernels, or Monte Carlo simulations. Medical Physics, 2013, 40, 042505.	3.0	8
100	Nuclear Medicine Imaging of Lung Infection. , 2013, , 271-288.		1
101	Brief Report on the Use of Radiolabeled Somatostatin Analogs for the Diagnosis and Treatment of Metastatic Small-Cell Lung Cancer Patients. Journal of Thoracic Oncology, 2013, 8, 1095-1101.	1.1	27
102	Methodological Aspects of Lymphoscintigraphy: Bicompartmental Versus Monocompartmental Radiocolloid Administration. , 2013, , 27-38.		0
103	Lymphoscintigraphy for the Differential Diagnosis of Peripheral Edema and Intracavitary Lymph Effusion. , 2013, , 39-86.		0
104	Added Value of ^{99m}Tc-HMPAOâ€“Labeled Leukocyte SPECT/CT in the Characterization and Management of Patients with Infectious Endocarditis. Journal of Nuclear Medicine, 2012, 53, 1235-1243.	5.0	200
105	Radioimmunotherapy with Radretumab in Patients with Relapsed Hematologic Malignancies. Journal of Nuclear Medicine, 2012, 53, 922-927.	5.0	65
106	The Use of 18F-FDG-PET/CT in the Diagnostic Workup of CIED Infections: Another Perspective. Journal of the American College of Cardiology, 2012, 60, 1435-1436.	2.8	3
107	Radiolabeled Somatostatin Analogues Therapy in Advanced Neuroendocrine Tumors: A Single Centre Experience. Journal of Oncology, 2012, 2012, 1-10.	1.3	36
108	Altre tecniche diagnostiche. , 2010, , 827-845.		0

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109	Tecniche diagnostiche per lo studio delle infezioni/flogosi. , 2010, , 501-535.		0