Alessio Imperiale

List of Publications by Year in descending order

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304743 223800 2,511 118 22 46 citations h-index g-index papers 118 118 118 3571 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Efficacy and safety of selective internal radiotherapy with yttrium-90 resin microspheres compared with sorafenib in locally advanced and inoperable hepatocellular carcinoma (SARAH): an open-label randomised controlled phase 3 trial. Lancet Oncology, The, 2017, 18, 1624-1636.	10.7	595
2	18F-FDG PET/CT in sarcoidosis management: review and report of 20 cases. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1537-1543.	6.4	208
3	Diagnostic performance of choline PET for detection of hyperfunctioning parathyroid glands in hyperparathyroidism: a systematic review and meta-analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 751-765.	6.4	149
4	Molecular Imaging of Gastroenteropancreatic Neuroendocrine Tumors: Current Status and Future Directions. Journal of Nuclear Medicine, 2016, 57, 1949-1956.	5.0	119
5	Importance of Inflammation and Neurohumoral Activation in Takotsubo Cardiomyopathy. Journal of Cardiac Failure, 2009, 15, 206-213.	1.7	90
6	Transient left ventricular dysfunction syndrome: Patho-physiological bases through nuclear medicine imaging. International Journal of Cardiology, 2010, 144, 212-218.	1.7	82
7	Metabolome Profiling by HRMAS NMR Spectroscopy of Pheochromocytomas and Paragangliomas Detects SDH Deficiency: Clinical and Pathophysiological Implications. Neoplasia, 2015, 17, 55-65.	5.3	60
8	18F-FDOPA PET/CT imaging of insulinoma revisited. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 409-418.	6.4	54
9	¹⁸ F-Fluorodihydroxyphenylalanine PET/CT in Patients with Neuroendocrine Tumors of Unknown Origin: Relation to Tumor Origin and Differentiation. Journal of Nuclear Medicine, 2014, 55, 367-372.	5.0	51
10	18F-DOPA PET/CT in the diagnosis and localization of persistent medullary thyroid carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1027-1033.	6.4	45
11	A New Specific Succinate-Glutamate Metabolomic Hallmark in Sdhx-Related Paragangliomas. PLoS ONE, 2013, 8, e80539.	2.5	39
12	Impact of Malignancies in the Early and Late Time Course of Takotsubo Cardiomyopathy. Circulation Journal, 2016, 80, 2192-2198.	1.6	38
13	Osteoblastoma and Osteoid Osteoma. Clinical Nuclear Medicine, 2009, 34, 184-188.	1.3	35
14	Magnetic resonance spectroscopy of paragangliomas: new insights into in vivo metabolomics. Endocrine-Related Cancer, 2015, 22, M1-M8.	3.1	34
15	Clinical usefulness of 18 F–FDG PET/CT for initial staging and assessment of treatment efficacy in patients with lymph node tuberculosis. Nuclear Medicine and Biology, 2017, 50, 17-24.	0.6	32
16	Nuclear medicine imaging of takotsubo cardiomyopathy: Typical form and midventricular ballooning syndrome. Journal of Nuclear Cardiology, 2008, 15, 137-141.	2.1	29
17	FDOPA PET-CT of Nonenhancing Brain Tumors. Clinical Nuclear Medicine, 2017, 42, 250-257.	1.3	29
18	Nuclear medicine imaging of gastro-entero-pancreatic neuroendocrine tumors. The key role of cellular differentiation and tumor grade: from theory to clinical practice. Cancer Imaging, 2012, 12, 173-184.	2.8	27

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19	Identifying mitotane-induced mitochondria-associated membranes dysfunctions: metabolomic and lipidomic approaches. Oncotarget, 2017, 8, 109924-109940.	1.8	25
20	Metabolomic profile of the adrenal gland: from physiology to pathological conditions. Endocrine-Related Cancer, 2013, 20, 705-716.	3.1	24
21	18F-Fluorocholine PET and Multiphase CT Integrated in Dual Modality PET/4D-CT for Preoperative Evaluation of Primary Hyperparathyroidism. Journal of Clinical Medicine, 2020, 9, 2005.	2.4	24
22	Metabolomic pattern of childhood neuroblastoma obtained by ¹ Hâ€highâ€resolution magic angle spinning (HRMAS) NMR spectroscopy. Pediatric Blood and Cancer, 2011, 56, 24-34.	1.5	23
23	Carney triad, SDH-deficient tumors, and Sdhb+/â^' mice share abnormal mitochondria. Endocrine-Related Cancer, 2015, 22, 345-352.	3.1	23
24	18F-FDOPA PET/CT-Guided Radiofrequency Ablation of Liver Metastases from Neuroendocrine Tumours: Technical Note on a Preliminary Experience. CardioVascular and Interventional Radiology, 2016, 39, 1315-1321.	2.0	23
25	SPECT semiquantitative analysis of adrenocortical (131)I-6 beta iodomethyl-norcholesterol uptake to discriminate subclinical and preclinical functioning adrenal incidentaloma. Journal of Nuclear Medicine, 2003, 44, 1057-64.	5.0	22
26	F-18 FDG PET/CT as a Valuable Imaging Tool for Assessing Treatment Efficacy in Inflammatory and Infectious Diseases. Clinical Nuclear Medicine, 2010, 35, 86-90.	1.3	21
27	18F-FDG PET/CT for the Diagnosis of Malignant and Infectious Complications After Solid Organ Transplantation. Nuclear Medicine and Molecular Imaging, 2017, 51, 58-68.	1.0	21
28	Early 18F-FDOPA PET/CT imaging after carbidopa premedication as a valuable diagnostic option in patients with insulinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 686-695.	6.4	21
29	Unknown Multifocal Ileal Carcinoid Revealed by 18F-FDOPA PET/CT. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1510-1511.	3.6	17
30	Intraindividual comparison of ¹⁸ Fâ€FDOPA and ⁶⁸ Gaâ€DOTATOC PET/CT <i>detection rate</i> for metastatic assessment in patients with ileal neuroendocrine tumours. Clinical Endocrinology, 2021, 94, 66-73.	2.4	17
31	Dynamic 18F-FDOPA PET Findings After Carbidopa Premedication in 2 Adult Patients With Insulinoma-Related Hyperinsulinemic Hypoglycemia. Clinical Nuclear Medicine, 2015, 40, 682-684.	1.3	15
32	18F-DOPA: the versatile radiopharmaceutical. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1187-1189.	6.4	15
33	Carbidopa-assisted 18F-fluorodihydroxyphenylalanine PET/CT for the localization and staging of non-functioning neuroendocrine pancreatic tumors. Annals of Nuclear Medicine, 2016, 30, 659-668.	2.2	15
34	18F-Fluorocholine PET/CT as a second line nuclear imaging technique before surgery for primary hyperparathyroidism. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 654-657.	6.4	15
35	Unusual Abdominal Localization of Cat Scratch Disease Mimicking Malignancy on F-18 FDG PET/CT Examination. Clinical Nuclear Medicine, 2008, 33, 621-623.	1.3	14
36	Solid Pseudopapillary Pancreatic Tumor Mimicking a Neuroendocrine Neoplasm on 18F-FDOPA PET/CT. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2643-2644.	3.6	14

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37	The Added Diagnostic Value of 18F-Fluorodihydroxyphenylalanine PET/CT in the Preoperative Work-Up of Small Bowel Neuroendocrine Tumors. Journal of Gastrointestinal Surgery, 2018, 22, 722-730.	1.7	14
38	Role of positron emission tomography in thyroid and neuroendocrine tumors. Minerva Endocrinology, 2018, 43, 341-355.	1.1	14
39	Primary Hyperparathyroidism: Defining the Appropriate Preoperative Imaging Algorithm. Journal of Nuclear Medicine, 2021, 62, 3S-12S.	5.0	13
40	Urinary endothelin-1 excretion according to morpho-functional damage lateralization in reflux nephropathy. Nephrology Dialysis Transplantation, 2004, 19, 1774-1778.	0.7	12
41	Focal F-18 FDG Uptake Mimicking Malignant Gastric Localizations Disappearing After Water Ingestion on PET/CT Images. Clinical Nuclear Medicine, 2006, 31, 835-837.	1.3	12
42	High-resolution magic angle spinning 1H nuclear magnetic resonance spectroscopy metabolomics of hyperfunctioning parathyroid glands. Surgery, 2016, 160, 384-394.	1.9	12
43	Head-to-head comparison between 18F-FDOPA PET/CT and MR/CT angiography in clinically recurrent head and neck paragangliomas. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 979-987.	6.4	12
44	Outcomes of Simultaneous Resection of Small Bowel Neuroendocrine Tumors with Synchronous Liver Metastases. World Journal of Surgery, 2020, 44, 2377-2384.	1.6	12
45	Variants and Pitfalls of PET/CT in Neuroendocrine Tumors. Seminars in Nuclear Medicine, 2021, 51, 519-528.	4.6	11
46	18F-Fluorocholine PET and 4D-CT in Patients with Persistent and Recurrent Primary Hyperparathyroidism. Diagnostics, 2021, 11, 2384.	2.6	11
47	Liver-Directed Therapy for Neuroendocrine Metastases: From Interventional Radiology to Nuclear Medicine Procedures. Cancers, 2021, 13, 6368.	3.7	11
48	Pharyngolaryngeal sarcoidosis: Report of 12 cases. Otolaryngology - Head and Neck Surgery, 2008, 139, 463-465.	1.9	10
49	Solitary Hepatic Metastasis From Medullary Thyroid Carcinoma Mimicking Atypical Hemangioma. Clinical Nuclear Medicine, 2010, 35, 434-437.	1.3	10
50	Severe ventricular arrhythmias in a patient with cardiac sarcoidosis: insights from MRI and PET imaging and importance of early corticosteroid therapy. European Heart Journal, 2010, 31, 400-400.	2.2	10
51	Sequential FDG PET and MRI Findings in a Case of Human Herpes Virus 6 Limbic Encephalitis. Clinical Nuclear Medicine, 2012, 37, 716-717.	1.3	10
52	InÂvivo detection of catecholamines byÂmagnetic resonance spectroscopy: AÂpotential specific biomarker for the diagnosis of pheochromocytoma. Surgery, 2016, 159, 1231-1233.	1.9	10
53	Effect of Carbidopa on ¹⁸ F-FDOPA Uptake in Insulinoma: From Cell Culture to Small-Animal PET Imaging. Journal of Nuclear Medicine, 2017, 58, 36-41.	5.0	10
54	First report of trastuzumab treatment after postoperative Takotsubo cardiomyopathy. Anticancer Research, 2014, 34, 3579-82.	1.1	10

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55	Hypermetabolism During Resting-State FDG-PET Suggesting Intrinsic Epileptogenicity in Focal Cortical Dysplasia. Clinical Nuclear Medicine, 2014, 39, 993-995.	1.3	9
56	Prognostic and predictive value of nuclear imaging in endocrine oncology. Endocrine, 2020, 67, 9-19.	2.3	9
57	68Ga-DOTATOC PET for Treatment Efficacy Evaluation of Cardiac Sarcoidosis. Clinical Nuclear Medicine, 2020, 45, e416-e418.	1.3	9
58	123I-hippuran renal scintigraphy with evaluation of single-kidney clearance for predicting renal scarring after acute urinary tract infection: comparison with (99m)Tc-DMSA scanning. Journal of Nuclear Medicine, 2003, 44, 1755-60.	5.0	9
59	Takotsubo and Takotsubo-like syndrome: A common neurogenic myocardial stunning pathway?. International Journal of Cardiology, 2013, 166, 248-250.	1.7	8
60	Simultaneous 18F-FDOPA PET/CT-Guided Biopsy and Radiofrequency Ablation of Recurrent Neuroendocrine Hepatic Metastasis. Clinical Nuclear Medicine, 2015, 40, e334-e335.	1.3	8
61	Macrovascular venous invasion of pancreatic neuroendocrine tumours: impact on surgical outcomes and survival. Hpb, 2019, 21, 653-661.	0.3	8
62	Metabolomics of Small Intestine Neuroendocrine Tumors and Related Hepatic Metastases. Metabolites, 2019, 9, 300.	2.9	8
63	Some fast calculations simulating measurements from single-photon emission computed tomography (SPECT) imaging. Measurement: Journal of the International Measurement Confederation, 2005, 37, 218-240.	5.0	7
64	FDG PET coregistered to MRI for diagnosis and monitoring of therapeutic response in aggressive phenotype of sarcoidosis. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 983-984.	6.4	7
65	FDG PET Findings of the Brain in Sudden Blindness Caused by Bilateral Central Retinal Artery Occlusion Revealing Giant Cell Arteritis. Clinical Nuclear Medicine, 2015, 40, 45-46.	1.3	7
66	18F-FDOPA PET/CT Combined with MRI for Gross Tumor Volume Delineation in Patients with Skull Base Paraganglioma. Cancers, 2019, 11, 54.	3.7	7
67	Solid pseudopapillary tumour should be part of differential diagnosis of focal pancreatic lesions with increased ¹⁸ Fâ€FDOPA uptake. Clinical Endocrinology, 2020, 93, 78-81.	2.4	7
68	Advantages of 18F-FDG PET/CT Imaging over Modified Duke Criteria and Clinical Presumption in Patients with Challenging Suspicion of Infective Endocarditis. Diagnostics, 2021, 11, 720.	2.6	7
69	Value of Somatostatin Receptor PET/CT in Patients With MEN1 at Various Stages of Their Disease. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2056-e2064.	3.6	7
70	F-18 FDG PET-CT in a Rare Case of Bartholin's Gland Undifferentiated Carcinoma Managed With Chemoradiation and Interstitial Brachytherapy. Clinical Nuclear Medicine, 2007, 32, 498-500.	1.3	6
71	Asymptomatic Giant Arachnoid Cyst. Clinical Nuclear Medicine, 2012, 37, 982-983.	1.3	6
72	Isolated cerebellar metastasis from prostate adenocarcinoma diagnosed by 18F-fluorocholine PET/CT: a rare but not impossible complication. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 397-398.	6.4	6

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73	18F-FDG PET/CT Findings in a Patient With a Proliferating Trichilemmal Cyst. Clinical Nuclear Medicine, 2015, 40, 598-599.	1.3	6
74	Value of 18 FDG-PET/CT in clinical practice in patients with fever of unknown origin and unexplained prolonged inflammatory syndrome. European Journal of Radiology, 2010, 75, 122.	2.6	5
75	18F-Fluorocholine Uptake in a Case of Adrenal Incidentaloma. Clinical Nuclear Medicine, 2013, 38, e83-e84.	1.3	5
76	18F-FDOPA Uptake Reflects the Efficacy of Dopamine Agonists Treatment in Pituitary Prolactinoma. Clinical Nuclear Medicine, 2018, 43, e324-e325.	1.3	5
77	Cardiac Metastases of Small-Bowel Carcinoid. Circulation: Cardiovascular Imaging, 2019, 12, e008405.	2.6	5
78	Value of ⁶⁸ Ga-DOTATOC and Carbidopa-Assisted ¹⁸ F-DOPA PET/CT for Insulinoma Localization. Journal of Nuclear Medicine, 2022, 63, 384-388.	5.0	5
79	Molecular imaging of endocrine neoplasms with emphasis on 18F-DOPA PET: a practical approach for well-tailored imaging protocols. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2022, 66, .	0.7	5
80	Epiglottic Squamous Cell Carcinoma Showing Unexpected 18F-FDOPA Uptake on PET/CT Investigation. Clinical Nuclear Medicine, 2015, 40, e370-e371.	1.3	4
81	Adrenal Metastasis of a Poorly Differentiated Adenocarcinoma Mimicking a Pheochromocytoma on 18F-FDOPA PET/CT. Clinical Nuclear Medicine, 2016, 41, 691-692.	1.3	4
82	Is Sarcoid Dactylitis Worse Than We ExPEcT?. Arthritis and Rheumatology, 2016, 68, 417-417.	5. 6	4
83	Implications of SDHB genetic testing in patients with sporadic pheochromocytoma. Langenbeck's Archives of Surgery, 2017, 402, 787-798.	1.9	4
84	Paraganglioma of the organ of Zuckerkandl associated with a somatic HIF2 \hat{l}_{\pm} mutation: A case report. Oncology Letters, 2017, 13, 1083-1086.	1.8	4
85	Simultaneous Resection of Pancreatic Neuroendocrine Tumors with Synchronous Liver Metastases: Safety and Oncological Efficacy. Cancers, 2022, 14, 727.	3.7	4
86	Parathyromatosis: a challenging cause of recurrent primary hyperparathyroidism. QJM - Monthly Journal of the Association of Physicians, 2022, 115, 235-236.	0.5	4
87	Aortitis: A new feature of Schnitzler syndrome. JAAD Case Reports, 2017, 3, 454-456.	0.8	3
88	Limited role of carbidopa-assisted 18F-FDOPA PET/CT in patients with sporadic non-functional gastroduodenal neuroendocrine neoplasms. Annals of Nuclear Medicine, 2019, 33, 697-707.	2.2	3
89	PET/CMR. JACC: Cardiovascular Imaging, 2020, 13, 1270-1275.	5.3	3
90	Imaging of Small Intestine Neuroendocrine Neoplasms: Is SSTR PET the Holy Grail?. Journal of Nuclear Medicine, 2021, 62, 1347-1348.	5.0	3

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91	Potential Cardiac Amyloid PET/CT Imaging Targets for Differentiating Immunoglobulin Light Chain From Transthyretin Amyloidosis. Current Cardiology Reports, 2021, 23, 76.	2.9	3
92	Does the association of 18F-FDG uptake intensity and lesion topography reveal histological phenotype and tumor differentiation in esophageal cancer?. Hellenic Journal of Nuclear Medicine, 2011, 14, 239-42.	0.3	3
93	In Vivo and In Vitro Evidence of Somatostatin Receptors Expression in a Dedifferentiated Retroperitoneal Liposarcoma. Clinical Nuclear Medicine, 2014, 39, 892-893.	1.3	2
94	Multimodality Diagnosis Approach of Cardiac Aspergillosis. Echocardiography, 2016, 33, 663-665.	0.9	2
95	Small Bowel Carcinoid. Clinical Nuclear Medicine, 2016, 41, 944-945.	1.3	2
96	Synchronous bilateral pheochromocytomas and bilobar medullary thyroid carcinoma revealed by 18F-FDOPA PET/CT in a MEN-2A asymptomatic patient. Endocrine, 2019, 66, 691-692.	2.3	2
97	Middle-segment preserving pancreatectomy for multifocal neuroendocrine pancreatic tumors. Surgical Oncology, 2020, 35, 466-467.	1.6	2
98	Laparoscopic resection of familial interaortocaval paraganglioma. Surgical Oncology, 2020, 33, 143-144.	1.6	2
99	18F-Florbetaben and PET/CT Holds Promise for the Identification and Differentiation Among Cardiac Amyloidosis Entities. JACC: Cardiovascular Imaging, 2021, 14, 256-258.	5.3	2
100	Dual-Time-Point 18F-Fluorocholine PET/CT Improves Characterization of Thyroid Nodules in Patients Referred for Primary Hyperparathyroidism. Clinical Nuclear Medicine, 2021, Publish Ahead of Print, 965-970.	1.3	2
101	Identification and characterization of cardiac sarcoidosis with positron emission tomography. European Journal of Clinical Investigation, 2022, 52, e13722.	3.4	2
102	In-111 DTPA-D-Phe1-Octreotide SPECT in a Rare Case of Anorectal Small-Cell Undifferentiated Neuroendocrine Carcinoma. Clinical Nuclear Medicine, 2006, 31, 652-654.	1.3	1
103	Terminal lleum Neuroendocrine Incidentaloma in a Patient With Sporadic Medullary Thyroid Carcinoma. Clinical Nuclear Medicine, 2012, 37, e206-e208.	1.3	1
104	Head-to-head comparison between SRS, 18F-FDG and 18F-FDOPA PET/CT in a patient with recurrent SDHC-related jugular paraganglioma. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1662-1663.	6.4	1
105	Preoperative Imaging with 18F-FDOPA PET/CT for Small Bowel Neuroendocrine Tumors. Journal of Gastrointestinal Surgery, 2018, 22, 1992-1994.	1.7	1
106	Cardiac metastasis from medullary thyroid carcinoma: insights from multimodal molecular imaging and magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2020, 21, 231-232.	1.2	1
107	Dual-Time-Point 18F-Fluorocholine PET/CT Improves Characterization of Thyroid Nodules in Patients Referred for Primary Hyperparathyroidism. Clinical Nuclear Medicine, 2022, Publish Ahead of Print, .	1.3	1
108	Cutting-Edge Imaging of Cardiac Metastases from Neuroendocrine Tumors: Lesson from a Case Series. Diagnostics, 2022, 12, 1182.	2.6	1

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109	[18F]Fluoro-2-Deoxy-D-Glucose Positron Emission Tomography/Computed Tomography for Early Evaluation of Treatment Efficacy in Advanced Non-Hodgkin Lymphoma of Uterine Corpus: A Case Report. Clinical Lymphoma and Myeloma, 2007, 7, 421-424.	1.4	0
110	Space-domain non-iterative approach for SPECT/CT systems considering attenuation and space-variant detector response. Computerized Medical Imaging and Graphics, 2007, 31, 492-501.	5.8	0
111	O -(2- 18 F-fluoroethyl)- l -tyrosine (18 F-FET) uptake in insulinoma: first results from a xenograft mouse model and from human. Nuclear Medicine and Biology, 2017, 53, 21-28.	0.6	0
112	Nuclear Medicine Imaging., 2020,, 685-694.		0
113	Ovarian metastases of ileal neuroendocrine tumor. Surgery, 2021, 169, e7-e8.	1.9	0
114	PET imaging in invasive fungal infection. , 2021, , .		0
115	PET in medullary thyroid carcinoma. , 2021, , .		0
116	18F-FDOPA PET/CT for Treatment Response Assessment. , 2021, , 471-479.		0
117	Impact of pelvic dynamic acquisition on final reading of 18 Fâ€Fluorocholine positron emission tomography in patients with prostate adenocarcinoma: True need or unnecessary burden?. Journal of Medical Imaging and Radiation Oncology, 2021, , .	1.8	0
118	B Cell Lymphoma in an Intrapancreatic Accessory Spleen. Journal of Gastrointestinal Surgery, 2022, 26, 261-262.	1.7	0