

Luigi Aloj

List of Publications by Year in descending order

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76
papers

2,031
citations

236925

25
h-index

265206

42
g-index

76
all docs

76
docs citations

76
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach to a patient with primary hyperparathyroidism and a suspected ectopic parathyroid adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	3.6	4
2	Localization of TSH-secreting pituitary adenoma using 11C-methionine image subtraction. <i>EJNMMI Research</i> , 2022, 12, 26.	2.5	4
3	The emerging role of cell surface receptor and protein binding radiopharmaceuticals in cancer diagnostics and therapy. <i>Nuclear Medicine and Biology</i> , 2021, 92, 53-64.	0.6	5
4	Quantifying the survival benefit of completing all the six cycles of radium-223 therapy in patients with castrate-resistant prostate cancer with predominant bone metastases. <i>World Journal of Nuclear Medicine</i> , 2021, 20, 139.	0.5	3
5	The role of [⁶⁸ Ga]Ga-DOTATATE PET/CT in wild-type KIT/PDGFRα gastrointestinal stromal tumours (GIST). <i>EJNMMI Research</i> , 2021, 11, 5.	2.5	4
6	3D printing 18F radioactive phantoms for PET imaging. <i>EJNMMI Physics</i> , 2021, 8, 38.	2.7	9
7	Effect of Bevacizumab in Combination With Standard Oxaliplatin-Based Regimens in Patients With Metastatic Colorectal Cancer. <i>JAMA Network Open</i> , 2021, 4, e2118475.	5.9	16
8	Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis. <i>European Heart Journal Open</i> , 2021, 1, oeab019.	2.3	15
9	In Vivo Cell Tracking Using PET: Opportunities and Challenges for Clinical Translation in Oncology. <i>Cancers</i> , 2021, 13, 4042.	3.7	11
10	Imaging and treatment of brain tumors through molecular targeting: Recent clinical advances. <i>European Journal of Radiology</i> , 2021, 142, 109842.	2.6	15
11	Multiparametric MRI of early tumor response to immune checkpoint blockade in metastatic melanoma. , 2021, 9, e003125.		13
12	Intravital Imaging of Adoptive T-Cell Morphology, Mobility and Trafficking Following Immune Checkpoint Inhibition in a Mouse Melanoma Model. <i>Frontiers in Immunology</i> , 2020, 11, 1514.	4.8	23
13	Novel Approach to Imaging Active Takayasu Arteritis Using Somatostatin Receptor Positron Emission Tomography/Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010389.	2.6	18
14	Detection limit of 89Zr-labeled T cells for cellular tracking: an in vitro imaging approach using clinical PET/CT and PET/MRI. <i>EJNMMI Research</i> , 2020, 10, 82.	2.5	9
15	¹⁸ F-FDG PET/CT Is an Early Predictor of Pathologic Tumor Response and Survival After Preoperative Radiochemotherapy with Bevacizumab in High-Risk Locally Advanced Rectal Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1560-1568.	5.0	18
16	Sequential PET/CT with [¹⁸ F]-FDG Predicts Pathological Tumor Response to Preoperative Short Course Radiotherapy with Delayed Surgery in Patients with Locally Advanced Rectal Cancer Using Logistic Regression Analysis. <i>PLoS ONE</i> , 2017, 12, e0169462.	2.5	10
17	Standardized Index of Shape (DCE-MRI) and Standardized Uptake Value (PET/CT): Two quantitative approaches to discriminate chemo-radiotherapy locally advanced rectal cancer responders under a functional profile. <i>Oncotarget</i> , 2017, 8, 8143-8153.	1.8	46
18	Evaluation of Tumor Response after Short-Course Radiotherapy and Delayed Surgery for Rectal Cancer. <i>PLoS ONE</i> , 2016, 11, e0160732.	2.5	19

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19	A randomized phase 3 study on the optimization of the combination of bevacizumab with FOLFOX/OXXEL in the treatment of patients with metastatic colorectal cancer-OBELICS (Optimization) Tj ETQq1 1 02784314 rgt /Over	2.7	41
20	Pre-clinical evaluation of eight DOTA coupled gastrin-releasing peptide receptor (GRP-R) ligands for in vivo targeting of receptor-expressing tumors. EJNMMI Research, 2016, 6, 17.	2.5	22
21	Role of Positron Emission Tomography/Computed Tomography. Updates in Surgery Series, 2016, , 39-48.	0.1	0
22	Role of 68Ga-DOTATATE PET/CT in patients with multiple endocrine neoplasia type 1 (MEN1). Endocrine, 2016, 52, 488-494.	2.3	47
23	Influence of a novel, versatile bifunctional chelator on theranostic properties of a minigastrin analogue. EJNMMI Research, 2015, 5, 74.	2.5	28
24	A perspective on the current treatment strategies for locally advanced rectal cancer. International Journal of Biochemistry and Cell Biology, 2015, 65, 192-196.	2.8	3
25	Critical role of bevacizumab scheduling in combination with pre-surgical chemo-radiotherapy in MRI-defined high-risk locally advanced rectal cancer: results of the branch trial. Oncotarget, 2015, 6, 30394-30407.	1.8	44
26	Receptor binding peptides for target-selective delivery of nanoparticles encapsulated drugs. International Journal of Nanomedicine, 2014, 9, 1537.	6.7	53
27	Phase 1/2 study of valproic acid and short-course radiotherapy plus capecitabine as preoperative treatment in low-moderate risk rectal cancer-V-shoRT-R3 (Valproic acid - short RadioTherapy - rectum) Tj ETQq1 1 02784314 rgt /Over	2.7	41
28	The Glucocorticoid Analog Dexamethasone Alters the Expression and the Distribution of Dopamine Receptors and Enkephalin within Cortico- Subcortical Regions. Current Molecular Pharmacology, 2014, 6, 149-155.	1.5	8
29	Radioimmunotherapy with Tenarad, a 131I-labelled antibody fragment targeting the extra-domain A1 of tenascin-C, in patients with refractory Hodgkin's lymphoma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 867-877.	6.4	40
30	A phase II study of dose-dense and dose-intense ABVD (ABVD) without consolidation radiotherapy in patients with advanced Hodgkin lymphoma. British Journal of Haematology, 2014, 166, 118-129.	2.5	8
31	Surgical Management of Sentinel Lymph Node Biopsy Outside Major Nodal Basin in Patients with Cutaneous Melanoma. Annals of Surgical Oncology, 2014, 21, 300-305.	1.5	12
32	Early PET/CT Scan Is More Effective Than RECIST in Predicting Outcome of Patients with Liver Metastases from Colorectal Cancer Treated with Preoperative Chemotherapy Plus Bevacizumab. Journal of Nuclear Medicine, 2013, 54, 2062-2069.	5.0	51
33	Bombesin peptide antagonist for target-selective delivery of liposomal doxorubicin on cancer cells. Journal of Drug Targeting, 2013, 21, 240-249.	4.4	31
34	Multidisciplinary Approach to Rectal Cancer: Are we Ready for Selective Treatment Strategies?. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 852-860.	1.7	14
35	Early PET/CT scan compared with RECIST to predict long-term outcome of patients with liver metastases from colorectal cancer treated with preoperative chemotherapy plus bevacizumab.. Journal of Clinical Oncology, 2013, 31, 11008-11008.	1.6	0
36	Differential Adaptive Changes in Dopaminergic System by Acute vs. Subchronic Ketamine: Relevance for Psychosis Pathophysiology and Treatment. Current Signal Transduction Therapy, 2013, 8, 119-128.	0.5	0

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37	Effects of a human compact anti-ErbB2 antibody on prostate cancer. <i>Oncology Reports</i> , 2012, 28, 297-302.	2.6	3
38	Early FDG PET response assessment of preoperative radiochemotherapy in locally advanced rectal cancer: correlation with long-term outcome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1848-1857.	6.4	53
39	Peptide-modified liposomes for selective targeting of bombesin receptors overexpressed by cancer cells: a potential theranostic agent. <i>International Journal of Nanomedicine</i> , 2012, 7, 2007.	6.7	37
40	Use of neoadjuvant electrochemotherapy to treat a large metastatic lesion of the cheek in a patient with melanoma. <i>Journal of Translational Medicine</i> , 2012, 10, 131.	4.4	30
41	The expression of genes involved in glucose metabolism is affected by Nâ€methylâ€Dâ€aspartate receptor antagonism: A putative link between metabolism and an animal model of psychosis. <i>Journal of Neuroscience Research</i> , 2012, 90, 1756-1767.	2.9	7
42	Abstract LB-219: Neoadjuvant multidisciplinary phase II study (BRANCH) of an early bevacizumab schedule plus chemo-radiation therapy in rectal cancer: efficacy, safety, and biomarkers.. , 2012, , .		1
43	Noninvasive Repetitive Imaging of Somatostatin Receptor 2 Gene Transfer with Positron Emission Tomography. <i>Human Gene Therapy</i> , 2011, 22, 189-196.	2.7	23
44	Evaluation of a CdTe semiconductor based compact gamma camera for sentinel lymph node imaging. <i>Medical Physics</i> , 2011, 38, 1547-1560.	3.0	24
45	Efficacy and safety of the third-generation chloroethylnitrosourea fotemustine for the treatment of chemorefractory T-cell lymphomas. <i>European Journal of Haematology</i> , 2011, 87, 547-553.	2.2	2
46	Comparative biodistribution of 12 ¹¹¹ In-labelled gastrin/CCK2 receptor-targeting peptides. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1410-1416.	6.4	88
47	Comparison of the binding and internalization properties of 12 DOTA-coupled and ¹¹¹ In-labelled CCK2/gastrin receptor binding peptides: a collaborative project under COST Action BM0607. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1417-1425.	6.4	63
48	Evaluation of CCK2 receptor binding ligands: the inheritance of Thomas Behr. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 1407-1409.	6.4	2
49	Gastrin and cholecystokinin peptideâ€based radiopharmaceuticals: an <i>in vivo</i> and <i>in vitro</i> comparison. <i>Journal of Peptide Science</i> , 2011, 17, 405-412.	1.4	14
50	Peptide modified nanocarriers for selective targeting of bombesin receptors. <i>Molecular BioSystems</i> , 2010, 6, 878.	2.9	35
51	Different Serum Enzyme Levels Are Required to Rescue the Various Systemic Features of the Mucopolysaccharidoses. <i>Human Gene Therapy</i> , 2010, 21, 555-569.	2.7	24
52	Supramolecular aggregates containing lipophilic Gd(III) complexes as contrast agents in MRI. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2193-2213.	18.8	124
53	Peptideâ€Containing Aggregates as Selective Nanocarriers for Therapeutics. <i>ChemMedChem</i> , 2008, 3, 594-602.	3.2	28
54	Biophysical and biochemical characterization of a liposarcomaâ€derived recombinant MnSOD protein acting as an anticancer agent. <i>International Journal of Cancer</i> , 2008, 123, 2684-2695.	5.1	23

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55	In vivo and in vitro characterization of CCK8 bearing a histidine-based chelator labeled with ^{99m}Tc -tricarbonyl. <i>Biopolymers</i> , 2008, 90, 707-712.	2.4	14
56	Synthesis and biological evaluation of cyclic and branched peptide analogues as ligands for cholecystokinin type 1 receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5845-5853.	3.0	6
57	The $[\text{Tc}(\text{N})(\text{PNP})]^{2+}$ metal fragment labeled cholecystokinin-8 (CCK8) peptide for CCK-2 receptors imaging: in vitro and in vivo studies. <i>Journal of Peptide Science</i> , 2007, 13, 211-219.	1.4	16
58	Anthranilic Acid Based CCK1 Receptor Antagonists and CCK-8 Have a Common Step in Their α -Receptor Desmodynamic Processes. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2456-2462.	6.4	11
59	Conformationally Constrained CCK8 Analogues Obtained from a Rationally Designed Peptide Library as Ligands for Cholecystokinin Type A Receptor. <i>ChemMedChem</i> , 2006, 1, 997-1006.	3.2	10
60	^{18}F -FDG PET is an early predictor of pathologic tumor response to preoperative radiochemotherapy in locally advanced rectal cancer. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1241-8.	5.0	157
61	Bcl-2 overexpression prevents ^{99m}Tc -MIBI uptake in breast cancer cell lines. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 521-527.	6.4	23
62	Peptide-chelating agent conjugate for selective targeting of somatostatin receptor type 1: Synthesis and characterization. <i>Biopolymers</i> , 2004, 76, 527-534.	2.4	0
63	Criteria for the Design and Biological Characterization of Radiolabeled Peptide-Based Pharmaceuticals. <i>BioDrugs</i> , 2004, 18, 279-295.	4.6	18
64	In vitro and in vivo evaluation of ^{111}In -DTPA-Glu-G-CCK8 for cholecystokinin-B receptor imaging. <i>Journal of Nuclear Medicine</i> , 2004, 45, 485-94.	5.0	70
65	Inhibition of early ^{99m}Tc -MIBI uptake by Bcl-2 anti-apoptotic protein overexpression in untreated breast carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 879-887.	6.4	30
66	A Cyclic CCK8 Analogue Selective for the Cholecystokinin Type A Receptor: Design, Synthesis, NMR Structure and Binding Measurements. <i>ChemBioChem</i> , 2003, 4, 1176-1187.	2.6	14
67	Comparison of an ^{18}F Labeled Derivative of Vasoactive Intestinal Peptide and 2-Deoxy-2- ^{18}F Fluoro-D-Glucose in Nude Mice Bearing Breast Cancer Xenografts. <i>Molecular Imaging and Biology</i> , 2002, 4, 369-379.	2.6	18
68	Acute administration of antipsychotics modulates Homer striatal gene expression differentially. <i>Molecular Brain Research</i> , 2002, 98, 124-129.	2.3	47
69	Dynamic coupling of ^{99m}Tc -MIBI efflux and apoptotic pathway activation in untreated breast cancer patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 809-814.	6.4	16
70	The Role of ^{18}F -FDG-PET in the Local/Regional Evaluation of Women with Breast Cancer. <i>Breast Cancer Research and Treatment</i> , 2002, 75, 135-146.	2.5	78
71	Cellular Release of ^{18}F 2-Fluoro-2-deoxyglucose as a Function of the Glucose-6-phosphatase Enzyme System. <i>Journal of Biological Chemistry</i> , 2000, 275, 18489-18494.	3.4	68
72	White matter lesion detection in multiple sclerosis: improved interobserver concordance with multispectral MRI display. <i>Journal of Neurology</i> , 1997, 244, 586-590.	3.6	9

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73	Functional characterization of brain tumors: An overview of the potential clinical value. Nuclear Medicine and Biology, 1996, 23, 699-715.	0.6	21
74	Preliminary results for positron emission mammography: real-time functional breast imaging in a conventional mammography gantry. European Journal of Nuclear Medicine and Molecular Imaging, 1996, 23, 804-806.	2.1	87
75	Decreased cerebral glucose metabolism in patients with brain tumors: an effect of corticosteroids. Journal of Neurosurgery, 1995, 83, 657-664.	1.6	62
76	Polarized secretion of plasminogen activators by epithelial cell monolayers. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1175, 1-6.	4.1	17