Alejandro Amor-Coarasa

List of Publications by Year
in descending order

27 papers	734 citations	687363 13 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	971 citing authors

#	Article	IF	Citations
1	Synthesis and Evaluation of 11C-Labeled Triazolones as Probes for Imaging Fatty Acid Synthase Expression by Positron Emission Tomography. Molecules, 2022, 27, 1552.	3.8	0
2	A suitable time point for quantifying the radiochemical purity of 225Ac-labeled radiopharmaceuticals. EJNMMI Radiopharmacy and Chemistry, 2021, 6, 38.	3.9	15
3	Otto: a 4.04â€‰GBq (109â€‰mCi) 68Ge/68Ga generator, first of its kind - extended quality control and performance evaluation in the clinical production of [68Ga]Ga-PSMA-11. EJNMMI Radiopharmacy and Chemistry, 2020, 5, 5.	3.9	9
4	Preclinical Evaluation of a High-Affinity Sarcophagine-Containing PSMA Ligand for ⁶⁴Cu/⁶⁷Cu-Based Theranostics in Prostate Cancer. Molecular Pharmaceutics, 2020, 17, 1954-1962.	4.6	28
5	3D-printed automation for optimized PET radiochemistry. Science Advances, 2019, 5, eaax4762.	10.3	6
6	[18F]Fluoroethyltriazolyl Monocyclam Derivatives as Imaging Probes for the Chemokine Receptor CXCR4. Molecules, 2019, 24, 1612.	3.8	8
7	Albumin-Binding PSMA Ligands: Implications for Expanding the Therapeutic Window. Journal of Nuclear Medicine, 2019, 60, 656-663.	5.0	48
8	A Single Dose of ²²⁵Ac-RPS-074 Induces a Complete Tumor Response in an LNCaP Xenograft Model. Journal of Nuclear Medicine, 2019, 60, 649-655.	5.0	55
9	Trifunctional PSMA-targeting constructs for prostate cancer with unprecedented localization to LNCaP tumors. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1841-1851.	6.4	56
10	[18F]RPS-544: A PET tracer for imaging the chemokine receptor CXCR4. Nuclear Medicine and Biology, 2018, 60, 37-44.	0.6	13
11	66Ga: A Novelty or a Valuable Preclinical Screening Tool for the Design of Targeted Radiopharmaceuticals?. Molecules, 2018, 23, 2575.	3.8	9
12	4-N-Alkanoyl and 4-N-alkyl gemcitabine analogues with NOTA chelators for 68-gallium labelling. Bioorganic and Medicinal Chemistry, 2018, 26, 5624-5630.	3.0	2
13	Impact of elution impurities on DOTA and NOTA labeling with two commercial 68Ge/68Ga generators. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1485-1490.	1.5	2
14	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. Journal of Nuclear Medicine, 2017, 58, 1442-1449.	5.0	61
15	An Eighteenâ€Membered Macrocyclic Ligand for Actiniumâ€225 Targeted Alpha Therapy. Angewandte Chemie, 2017, 129, 14904-14909.	2.0	9
16	An Eighteenâ€Membered Macrocyclic Ligand for Actiniumâ€225 Targeted Alpha Therapy. Angewandte Chemie - International Edition, 2017, 56, 14712-14717.	13.8	163
17	Continuation of comprehensive quality control of the itG 68 Ge/ 68 Ga generator and production of 68 Ga-DOTATOC and 68 Ga-PSMA-HBED-CC for clinical research studies. Nuclear Medicine and Biology, 2017, 53, 37-39.	0.6	8
18	Synthesis and pre-clinical evaluation of a new class of high-affinity 18F-labeled PSMA ligands for detection of prostate cancer by PET imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 647-661.	6.4	44

#	Article	IF	Citations
19	Assessment of PSMA targeting ligands bearing novel chelates with application to theranostics: Stability and complexation kinetics of 68 Ga 3+ , 111 In 3+ , 177 Lu 3+ and 225 Ac 3+. Nuclear Medicine and Biology, 2017, 55, 38-46.	0.6	27
20	Comprehensive Quality Control of the ITG ⁶⁸Ge/⁶⁸Ga Generator and Synthesis of ⁶⁸Ga-DOTATOC and ⁶⁸Ga-PSMA-HBED-CC for Clinical Imaging. Journal of Nuclear Medicine, 2016, 57, 1402-1405.	5.0	41
21	Longitudinal PET imaging demonstrates biphasic CAR T cell responses in survivors. JCI Insight, 2016, 1, e90064.	5.0	70
22	Synthesis of [11C]palmitic acid for PET imaging using a single molecular sieve 13X cartridge for reagent trapping, radiolabeling and selective purification. Nuclear Medicine and Biology, 2015, 42, 685-690.	0.6	7
23	90Y-DOTA-CHS Microspheres for Live Radiomicrosphere Therapy: Preliminary In Vivo Lung Radiochemical Stability Studies. Journal of Radiotherapy, 2014, 2014, 1-6.	0.2	5
24	Lyophilized Kit for the Preparation of the PET Perfusion Agent [⁶⁸Ga]-MAA. International Journal of Molecular Imaging, 2014, 2014, 1-7.	1.3	18
25	99mTc-MAA vs. 68Ga-MAA as Perfusion Agents. , 2013, , .		2
26	Spectroscopic, radiochemical, and theoretical studies of the Ga³⁺â€Nâ€²â€²hydroxyethyl piperazineâ€Nâ€²â€²ethanesulfonic acid (HEPES buffer) system: evidence for the formation of Ga³⁺â€•HEPES complexes in ⁶⁸â€‰Ga labeling reactions. Contrast Media and Molecular Imaging, 2013, 8, 265-273.	0.8	21
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mrow><mml:mtext>Ga</mml:mtext></mml:mrow><mml:mrow><mml:mn mathvariant="normal">68</mml:mn></mml:mrow></mml:mrow></mml:math>-NOTA-CHSg and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M2"><mml:mrow><mml:mrow><mml:mtext>T</mml:mtext><mml:mtext>c</mml:mtext></mml:mrow><mml:mrow><mml:mn mathvariant="normal">99</mml:mn><mml:mtext>m</mml:mtext></mml:mrow></mml:mrow></mml:math>-CHSg	1.3	4