Liliana Aranda-Lara

List of Publications by Year
in descending order

30 papers	275 citations	1039880 9 h-index	940416 16 g-index
30 all docs	30 docs citations	30 times ranked	341 citing authors

#	Article	IF	Citations
1	¹⁷⁷Lu-Dendrimer Conjugated to Folate and Bombesin with Gold Nanoparticles in the Dendritic Cavity: A Potential Theranostic Radiopharmaceutical. Journal of Nanomaterials, 2016, 2016, 1-11.	1.5	40
2	Recent advances in ultrasound-triggered drug delivery through lipid-based nanomaterials. Drug Discovery Today, 2020, 25, 2182-2200.	3.2	30
3	Radiolabeled liposomes and lipoproteins as lipidic nanoparticles for imaging and therapy. Chemistry and Physics of Lipids, 2020, 230, 104934.	1.5	27
4	Synthesis and evaluation of Lys 1 (Î±,Î³-Folate)Lys 3 (177 Lu-DOTA)-Bombesin(1-14) as a potential theranostic radiopharmaceutical for breast cancer. Applied Radiation and Isotopes, 2016, 107, 214-219.	0.7	26
5	[99mTc-HYNIC-N-dodecylamide]: a new hydrophobic tracer for labelling reconstituted high-density lipoproteins (rHDL) for radioimaging. Nanoscale, 2019, 11, 541-551.	2.8	18
6	Synthesis and preclinical evaluation of the 99mTc-/177Lu-CXCR4-L theranostic pair for in vivo chemokine-4 receptor-specific targeting. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 21-32.	0.7	16
7	Improved radiopharmaceutical based on 99mTc-Bombesinâ€“folate for breast tumour imaging. Nuclear Medicine Communications, 2016, 37, 377-386.	0.5	14
8	Assessment of the radiation absorbed dose produced by 177Lu-iPSMA, 225Ac-iPSMA and 223RaCl2 to prostate cancer cell nuclei in a bone microenvironment model. Applied Radiation and Isotopes, 2019, 146, 66-71.	0.7	12
9	Drug Delivery Systemsâ€Based Dendrimers and Polymer Micelles for Nuclear Diagnosis and Therapy. Macromolecular Bioscience, 2021, 21, e2000362.	2.1	11
10	Development of ¹⁷⁷Lu-DN(C19)-CXCR4 Ligand Nanosystem for Combinatorial Therapy in Pancreatic Cancer. Journal of Biomedical Nanotechnology, 2021, 17, 263-278.	0.5	11
11	In vitro irradiation of doxorubicin with 18F-FDG Cerenkov radiation and its potential application as a theragnostic system.. Journal of Photochemistry and Photobiology B: Biology, 2020, 210, 111961.	1.7	10
12	Electron transfer reactions in rhodamine: Potential use in photodynamic therapy. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 409, 113131.	2.0	8
13	A freeze-dried kit formulation for the preparation of Lys 27 (99m Tc-EDDA/HYNIC)-Exendin(9-39)/ 99m Tc-EDDA/HYNIC-Tyr 3 -Octreotide to detect benign and malignant insulinomas. Nuclear Medicine and Biology, 2015, 42, 911-916.	0.3	6
14	A new Monte Carlo code for light transport in biological tissue. Medical and Biological Engineering and Computing, 2018, 56, 649-655.	1.6	6
15	A Multimodal Theranostic System Prepared from High-Density Lipoprotein Carrier of Doxorubicin and ¹⁷⁷Lu. Journal of Biomedical Nanotechnology, 2021, 17, 2125-2141.	0.5	6
16	225Ac-rHDL Nanoparticles: A Potential Agent for Targeted Alpha-Particle Therapy of Tumors Overexpressing SR-BI Proteins. Molecules, 2022, 27, 2156.	1.7	5
17	Effect of 177Lu-iPSMA on viability and DNA damage of human glioma cells subjected to hypoxia-mimetic conditions. Applied Radiation and Isotopes, 2019, 146, 24-28.	0.7	4
18	Evaluation of doxorubicin-induced early multi-organ toxicity in male CD1 mice by biodistribution of¹⁸F-FDG and⁶⁷Ga-citrate. Pilot study. Toxicology Mechanisms and Methods, 2021, 31, 546-558.	1.3	4

#	Article	IF	Citations
19	Preclinical evaluation of early multi-organ toxicity induced by liposomal doxorubicin using ⁶⁷Ga-citrate. Nanotoxicology, 2022, 16, 247-264.	1.6	4
20	Multimodal molecular 3D imaging for the tumoral volumetric distribution assessment of folate-based biosensors. Medical and Biological Engineering and Computing, 2018, 56, 1135-1148.	1.6	3
21	Comparison between 177Lu-iPSMA and 225Ac-iPSMA dosimetry at a cellular level in an animal bone metastasis model. Applied Radiation and Isotopes, 2021, 176, 109898.	0.7	3
22	Photoactivation of Chemotherapeutic Agents with Cerenkov Radiation for Chemo-Photodynamic Therapy. ACS Omega, 2022, 7, 23591-23604.	1.6	3
23	Differences in the S value between male and female murine model for diagnostic, therapeutic and theragnostic radionuclides. Applied Radiation and Isotopes, 2019, 146, 61-65.	0.7	2
24	Preparation and Dosimetry Assessment of ¹⁶⁶Dy₂O₃/¹⁶⁶Ho₂O₃-iPSMA Nanoparticles for Targeted Hepatocarcinoma Radiotherapy. Journal of Nanoscience and Nanotechnology, 2021, 21, 5449-5458.	0.9	2
25	Targeted photodynamic therapy using reconstituted high-density lipoproteins as rhodamine transporters. Photodiagnosis and Photodynamic Therapy, 2021, 37, 102630.	1.3	2
26	Effects of chronic immobilization stress on biokinetics and dosimetry of 67Ga in a murine model. Radiation and Environmental Biophysics, 2020, 59, 257-263.	0.6	1
27	Determination of experimental Cherenkov spectrum (200â€“1050â€‰nm) of ¹⁸F and its implications on optical dosimetry: murine model. Radiation Effects and Defects in Solids, 2022, 177, 869-879.	0.4	1
28	New track-structure Monte Carlo code for 4D ionizing photon transport. Radiation Effects and Defects in Solids, 2018, 173, 567-577.	0.4	0
29	Quantification of Non-steroidal Anti-inflammatory Drug in Water. Handbook of Environmental Chemistry, 2020, , 83-103.	0.2	0
30	Professional and academic follow up of 100+ graduates of the UAEMex-ININ masters and doctorate program in medical physics in Mexico. AIP Conference Proceedings, 2021, , .	0.3	0