

# Liliana Aranda-Lara

## List of Publications by Year in descending order

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Version: 2024-02-01

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	225Ac-rHDL Nanoparticles: A Potential Agent for Targeted Alpha-Particle Therapy of Tumors Overexpressing SR-BI Proteins. <i>Molecules</i> , 2022, 27, 2156.	1.7	5
2	Preclinical evaluation of early multi-organ toxicity induced by liposomal doxorubicin using <sup>67</sup> Ga-citrate. <i>Nanotoxicology</i> , 2022, 16, 247-264.	1.6	4
3	Determination of experimental Cherenkov spectrum (200–1050 nm) of <sup>18</sup> F and its implications on optical dosimetry: murine model. <i>Radiation Effects and Defects in Solids</i> , 2022, 177, 869-879.	0.4	1
4	Photoactivation of Chemotherapeutic Agents with Cerenkov Radiation for Chemo-Photodynamic Therapy. <i>ACS Omega</i> , 2022, 7, 23591-23604.	1.6	3
5	Drug Delivery Systems-Based Dendrimers and Polymer Micelles for Nuclear Diagnosis and Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2000362.	2.1	11
6	Development of <sup>177</sup> Lu-DN(C19)-CXCR4 Ligand Nanosystem for Combinatorial Therapy in Pancreatic Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 263-278.	0.5	11
7	Electron transfer reactions in rhodamine: Potential use in photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 409, 113131.	2.0	8
8	Evaluation of doxorubicin-induced early multi-organ toxicity in male CD1 mice by biodistribution of <sup>18</sup> F-FDG and <sup>67</sup> Ga-citrate. Pilot study. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 546-558.	1.3	4
9	Comparison between <sup>177</sup> Lu-iPSMA and <sup>225</sup> Ac-iPSMA dosimetry at a cellular level in an animal bone metastasis model. <i>Applied Radiation and Isotopes</i> , 2021, 176, 109898.	0.7	3
10	Preparation and Dosimetry Assessment of <sup>166</sup> Dy <sub>2</sub> O <sub>3</sub> / <sup>166</sup> Ho <sub>2</sub> O <sub>3</sub> -iPSMA Nanoparticles for Targeted Hepatocarcinoma Radiotherapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5449-5458.	0.9	2
11	Professional and academic follow up of 100+ graduates of the UAEMex-ININ masters and doctorate program in medical physics in Mexico. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
12	Targeted photodynamic therapy using reconstituted high-density lipoproteins as rhodamine transporters. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 37, 102630.	1.3	2
13	A Multimodal Theranostic System Prepared from High-Density Lipoprotein Carrier of Doxorubicin and <sup>177</sup> Lu. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 2125-2141.	0.5	6
14	Recent advances in ultrasound-triggered drug delivery through lipid-based nanomaterials. <i>Drug Discovery Today</i> , 2020, 25, 2182-2200.	3.2	30
15	In vitro irradiation of doxorubicin with <sup>18</sup> F-FDG Cerenkov radiation and its potential application as a theragnostic system.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111961.	1.7	10
16	Quantification of Non-steroidal Anti-inflammatory Drug in Water. <i>Handbook of Environmental Chemistry</i> , 2020, , 83-103.	0.2	0
17	Radiolabeled liposomes and lipoproteins as lipidic nanoparticles for imaging and therapy. <i>Chemistry and Physics of Lipids</i> , 2020, 230, 104934.	1.5	27
18	Effects of chronic immobilization stress on biokinetics and dosimetry of <sup>67</sup> Ga in a murine model. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 257-263.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Synthesis and preclinical evaluation of the $^{99m}\text{Tc}$ -/ $^{177}\text{Lu}$ -CXCR4-L theranostic pair for in vivo chemokine-4 receptor-specific targeting. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 21-32.	0.7	16
20	[ $^{99m}\text{Tc}$ -HYNIC-N-dodecylamide]: a new hydrophobic tracer for labelling reconstituted high-density lipoproteins (rHDL) for radioimaging. <i>Nanoscale</i> , 2019, 11, 541-551.	2.8	18
21	Assessment of the radiation absorbed dose produced by $^{177}\text{Lu}$ -iPSMA, $^{225}\text{Ac}$ -iPSMA and $^{223}\text{RaCl}_2$ to prostate cancer cell nuclei in a bone microenvironment model. <i>Applied Radiation and Isotopes</i> , 2019, 146, 66-71.	0.7	12
22	Differences in the S value between male and female murine model for diagnostic, therapeutic and theragnostic radionuclides. <i>Applied Radiation and Isotopes</i> , 2019, 146, 61-65.	0.7	2
23	Effect of $^{177}\text{Lu}$ -iPSMA on viability and DNA damage of human glioma cells subjected to hypoxia-mimetic conditions. <i>Applied Radiation and Isotopes</i> , 2019, 146, 24-28.	0.7	4
24	Multimodal molecular 3D imaging for the tumoral volumetric distribution assessment of folate-based biosensors. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1135-1148.	1.6	3
25	New track-structure Monte Carlo code for 4D ionizing photon transport. <i>Radiation Effects and Defects in Solids</i> , 2018, 173, 567-577.	0.4	0
26	A new Monte Carlo code for light transport in biological tissue. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 649-655.	1.6	6
27	$^{177}\text{Lu}$ -Dendrimer Conjugated to Folate and Bombesin with Gold Nanoparticles in the Dendritic Cavity: A Potential Theranostic Radiopharmaceutical. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-11.	1.5	40
28	Improved radiopharmaceutical based on $^{99m}\text{Tc}$ -Bombesin- $\alpha$ -folate for breast tumour imaging. <i>Nuclear Medicine Communications</i> , 2016, 37, 377-386.	0.5	14
29	Synthesis and evaluation of Lys 1 ( $^{131}\text{I}$ -Folate)Lys 3 ( $^{177}\text{Lu}$ -DOTA)-Bombesin(1-14) as a potential theranostic radiopharmaceutical for breast cancer. <i>Applied Radiation and Isotopes</i> , 2016, 107, 214-219.	0.7	26
30	A freeze-dried kit formulation for the preparation of Lys 27 ( $^{99m}\text{Tc}$ -EDDA/HYNIC)-Exendin(9-39)/ $^{99m}\text{Tc}$ -EDDA/HYNIC-Tyr 3 -Octreotide to detect benign and malignant insulinomas. <i>Nuclear Medicine and Biology</i> , 2015, 42, 911-916.	0.3	6