

Keila Isaac-OlivÃ©

List of Publications by Year in descending order

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58
papers

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citations

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docs citations

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times ranked

1065
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#	ARTICLE	IF	CITATIONS
1	Multifunctional targeted therapy system based on ^{99m} Tc/ ¹⁷⁷ Lu-labeled gold nanoparticles- ⁶⁷ Tat(49-57)-Lys ³ -bombesin internalized in nuclei of prostate cancer cells. Journal of Labelled Compounds and Radiopharmaceuticals, 2013, 56, 663-671.	0.5	73
2	Preparation and in vitro evaluation of radiolabeled HA-PLGA nanoparticles as novel MTX delivery system for local treatment of rheumatoid arthritis. Materials Science and Engineering C, 2019, 103, 109766.	3.8	63
3	¹⁷⁷ Lu-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
4	Fluorescent, Plasmonic, and Radiotherapeutic Properties of the ¹⁷⁷ Lu- ⁶⁷ Ca-Dendrimer-AuNP- ⁶⁷ Ca-Folate- ⁶⁷ Ca-Bombesin Nanoprobe Located Inside Cancer Cells. Molecular Imaging, 2017, 16, 153601211770476.	0.7	39
5	Diagnostic performance of regional DTI-derived tensor metrics in glioblastoma multiforme: simultaneous evaluation of p, q, L, Cl, Cp, Cs, RA, RD, AD, mean diffusivity and fractional anisotropy. European Radiology, 2013, 23, 1112-1121.	2.3	35
6	¹⁷⁷ Lu-labeled monomeric, dimeric and multimeric RGD peptides for the therapy of tumors expressing $\alpha_5\beta_1$ integrins. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55, 140-148.	0.5	31
7	Radiolabeled liposomes and lipoproteins as lipidic nanoparticles for imaging and therapy. Chemistry and Physics of Lipids, 2020, 230, 104934.	1.5	27
8	Synthesis and evaluation of Lys 1 (¹²⁵ I-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
9	PIXE analysis of Tillandsia usneoides for air pollution studies at an industrial zone in Central Mexico. Microchemical Journal, 2010, 96, 386-390.	2.3	23
10	Fractionation analysis of iodine in bovine milk by preconcentration neutron activation analysis. Talanta, 2008, 77, 827-832.	2.9	22
11	Determination of trace metals in cow's milk from waste water irrigated areas in Central Mexico by chemical treatment coupled to PIXE. Microchemical Journal, 2009, 91, 9-12.	2.3	22
12	Synthesis and preclinical evaluation of the ¹⁷⁷ Lu-DOTA-PSMA(inhibitor)-Lys3-bombesin heterodimer designed as a radiotheranostic probe for prostate cancer. Nuclear Medicine Communications, 2019, 40, 278-286.	0.5	19
13	Production of large quantities of ⁹⁰ Y by ion-exchange chromatography using an organic resin and a chelating agent. Nuclear Medicine and Biology, 2010, 37, 935-942.	0.3	18
14	[^{99m} Tc-HYNIC-N-dodecylamide]: a new hydrophobic tracer for labelling reconstituted high-density lipoproteins (rHDL) for radioimaging. Nanoscale, 2019, 11, 541-551.	2.8	18
15	Synthesis and preclinical evaluation of the ^{99m} Tc-/ ¹⁷⁷ Lu-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
16	Radiosensitization of cervical cancer cells with epigenetic drugs hydralazine and valproate. European Journal of Gynaecological Oncology (discontinued), 2014, 35, 140-2.	0.3	16
17	Studies of total, organic and inorganic iodine in Canadian bovine milk samples with varying milk fat content using ion-exchange chromatography and neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 2012, 294, 479-486.	0.7	14
18	Improved radiopharmaceutical based on ^{99m} Tc-Bombesin- ⁶⁷ Ca-folate for breast tumour imaging. Nuclear Medicine Communications, 2016, 37, 377-386.	0.5	14

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19	Study of the Optical Properties of Functionalized Gold Nanoparticles in Different Tissues and Their Correlation with the Temperature Increase. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	1.5	14
20	In vitro and in vivo synergistic effect of radiotherapy and plasmonic photothermal therapy on the viability of cancer cells using ^{177}Lu -Au-NLS-RGD-Aptamer nanoparticles under laser irradiation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1913-1921.	0.7	14
21	An adapted purification procedure to improve the quality of ^{90}Y for clinical use. <i>Radiochimica Acta</i> , 2009, 97, 739-746.	0.5	12
22	Molecular Identification of <i>Mycobacterium</i> Species of Public Health and Veterinary Importance from Cattle in the South State of MÃ©xico. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2017, 2017, 1-7.	0.7	12
23	Fractionation analysis of trace metals in humic substances of soils irrigated with wastewater in Central Mexico by particle induced X-ray emission. <i>Microchemical Journal</i> , 2009, 91, 129-132.	2.3	11
24	Atmospheric elemental concentration determined by Particle-Induced X-ray Emission at Tlaxcoapan in central Mexico, and its relation to Tula industrial-corridor emissions. <i>Microchemical Journal</i> , 2010, 94, 48-52.	2.3	11
25	<i>Tillandsia usneoides</i> L, a biomonitor in the determination of Ce, La and Sm by neutron activation analysis in an industrial corridor in Central Mexico. <i>Applied Radiation and Isotopes</i> , 2012, 70, 589-594.	0.7	11
26	Drug Delivery Systems-Based Dendrimers and Polymer Micelles for Nuclear Diagnosis and Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2000362.	2.1	11
27	Title is missing!. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002, 253, 101-106.	0.7	10
28	Preparation and in vitro evaluation of ^{177}Lu -iPSMA-RGD as a new heterobivalent radiopharmaceutical. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2201-2207.	0.7	10
29	In vitro irradiation of doxorubicin with ^{18}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
30	Synthesis and in vitro evaluation of an antiangiogenic cancer-specific dual-targeting ^{177}Lu -Au-nanoradiopharmaceutical. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1337-1345.	0.7	8
31	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
32	Estimation of anthropogenic organo-chlorine, bromine and iodine compounds in apolar lipid fractions of bovine milk by solid-phase extraction and neutron activation analysis (SPE- ^{252}Cf -NAA). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 247-257.	0.7	7
33	Theoretical and experimental characterization of emission and transmission spectra of Cerenkov radiation generated by ^{177}Lu in tissue. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	7
34	A Multimodal Theranostic System Prepared from High-Density Lipoprotein Carrier of Doxorubicin and ^{177}Lu . <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 2125-2141.	0.5	6
35	Expanded uncertainties of preconcentration neutron activation measurements of extractable organo-chlorine, bromine and iodine compounds in bovine milk lipids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 1213-1224.	0.7	5
36	Comparative Effect Between Laser and Radiofrequency Heating of RGD-Gold Nanospheres on MCF7 Cell Viability. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9840-9848.	0.9	5

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37	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
38	Metal/protein ratio determination in the <i>Rhodobacter capsulatus</i> cytoplasmic pyrophosphatase enzyme by particle induced X-ray emission. <i>Journal of Microbiological Methods</i> , 2011, 84, 272-277.	0.7	4
39	Ionic liquids as passive monitors of an atmosphere rich in mercury. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3032-3036.	0.6	4
40	BÃŠSQUEDA DE CAPACIDAD PRODUCTORA DE BIOSURFACTANTES EN ACTINOBACTERIAS HALOALCALÃ“FILAS Y HALOALCALOTOLERANTES. <i>Revista Internacional De Contaminacion Ambiental</i> , 2017, 33, 529-539.	0.1	4
41	Evaluation of doxorubicin-induced early multi-organ toxicity in male CD1 mice by biodistribution of ¹⁸ F-FDG and ⁶⁷ Ga-citrate. Pilot study. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 546-558.	1.3	4
42	Preclinical evaluation of early multi-organ toxicity induced by liposomal doxorubicin using ⁶⁷ Ga-citrate. <i>Nanotoxicology</i> , 2022, 16, 247-264.	1.6	4
43	Microorganisms and spatial distribution of the sinkholes of the Yucatan Peninsula, underestimated biotechnological potential?. <i>Water and Environment Journal</i> , 2020, 34, 41-49.	1.0	3
44	ESTUDIO EXPLORATORIO SOBRE LA ASOCIACIÃ“N DE METALES PESADOS Y LA NEFROPATÃ“A DE ETIOLOGÃ“A DESCONOCIDA EN EL PONIENTE DEL ESTADO DE MÃ‰XICO. <i>Revista Internacional De Contaminacion Ambiental</i> , 2018, 34, 555-564.	0.1	3
45	Haloalkalitolerant Actinobacteria with capacity for anthracene degradation isolated from soils close to areas with oil activity in the State of Veracruz, Mexico. <i>International Microbiology</i> , 2016, 19, 15-26.	1.1	3
46	Photoactivation of Chemotherapeutic Agents with Cerenkov Radiation for Chemo-Photodynamic Therapy. <i>ACS Omega</i> , 2022, 7, 23591-23604.	1.6	3
47	Trace metals in the seagrass <i>Thalassia testudinum</i> from the Mexican Caribbean coast. <i>X-Ray Spectrometry</i> , 2008, 37, 103-106.	0.9	2
48	Multianalytical characterization of a blue pigment used in art-crafts from Central Mexico. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 1411-1415.	0.6	2
49	Determination of the Residual Anthracene Concentration in Cultures of Haloalkalitolerant Actinomycetes by Excitation Fluorescence, Emission Fluorescence, and Synchronous Fluorescence: Comparative Study. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-10.	0.7	2
50	Detection of Pharmaceuticals in the Environment. <i>Handbook of Environmental Chemistry</i> , 2017, , 57-74.	0.2	2
51	Targeted photodynamic therapy using reconstituted high-density lipoproteins as rhodamine transporters. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 37, 102630.	1.3	2
52	Evaluation of TiO ₂ nanomaterials as potential sorbents for ⁹⁹ Mo/ ^{99m} Tc generator. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
53	Vision-based radiochromic film densitometer: setup and uncertainty analysis for its potential clinical usage. <i>Journal of Instrumentation</i> , 2021, 16, P05006.	0.5	1
54	Determination of experimental Cherenkov spectrum (200â€“1050â€“nm) of ¹⁸ F and its implications on optical dosimetry: murine model. <i>Radiation Effects and Defects in Solids</i> , 2022, 177, 869-879.	0.4	1

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55	Preliminary Analysis of the Social and Scientific Impact of the UAEM-ININ M.Sc. and D.Sc. Graduate Programme in Medical Physics. , 2010, , .		0
56	Quantification of Non-steroidal Anti-inflammatory Drug in Water. Handbook of Environmental Chemistry, 2020, , 83-103.	0.2	0
57	Biological Technologies Used for the Removal of Nonsteroidal Anti-inflammatory Drugs. Handbook of Environmental Chemistry, 2020, , 303-320.	0.2	0
58	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