

# Enrique Morales-Avila

## List of Publications by Year in descending order

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52  
papers

1,076  
citations

430754

18  
h-index

434063

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimeric System of <sup>99m</sup> Tc-Labeled Gold Nanoparticles Conjugated to c[RGDfK(C)] for Molecular Imaging of Tumor $\alpha$ (v) $\beta$ 3 Expression. <i>Bioconjugate Chemistry</i> , 2011, 22, 913-922.	1.8	114
2	Molecular Targeting Radiotherapy with Cyclo-RGDfK(C) Peptides Conjugated to <sup>177</sup> Lu-Labeled Gold Nanoparticles in Tumor-Bearing Mice. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 393-404.	0.5	95
3	<sup>99m</sup> Tc-labelled gold nanoparticles capped with HYNIC-peptide/mannose for sentinel lymph node detection. <i>Nuclear Medicine and Biology</i> , 2011, 38, 1-11.	0.3	79
4	Preparation and in vitro evaluation of radiolabeled HA-PLGA nanoparticles as novel MTX delivery system for local treatment of rheumatoid arthritis. <i>Materials Science and Engineering C</i> , 2019, 103, 109766.	3.8	63
5	Lys3-Bombesin Conjugated to <sup>99m</sup> Tc-Labelled Gold Nanoparticles for <i>In Vivo</i> Gastrin Releasing Peptide-Receptor Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 375-384.	0.5	47
6	Biodegradable poly(D,L-lactide-co-glycolide)/poly(L- $\beta$ -glutamic acid) nanoparticles conjugated to folic acid for targeted delivery of doxorubicin. <i>Materials Science and Engineering C</i> , 2017, 76, 743-751.	3.8	43
7	<sup>177</sup> Lu-Bombesin-PLGA (paclitaxel): A targeted controlled-release nanomedicine for bimodal therapy of breast cancer. <i>Materials Science and Engineering C</i> , 2019, 105, 110043.	3.8	42
8	Multifunctional Radiolabeled Nanoparticles for Targeted Therapy. <i>Current Medicinal Chemistry</i> , 2013, 21, 124-138.	1.2	41
9	<sup>177</sup> 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
10	Antibacterial Efficacy of Gold and Silver Nanoparticles Functionalized with the Ubiquicidin (29 $\alpha$ 41) Antimicrobial Peptide. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	1.5	37
11	<sup>177</sup> Lu-labeled monomeric, dimeric and multimeric RGD peptides for the therapy of tumors expressing $\alpha$ (v) $\beta$ 3 integrins. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 140-148.	0.5	31
12	Radiolabelled nanoparticles: novel classification of radiopharmaceuticals for molecular imaging of cancer. <i>Journal of Drug Targeting</i> , 2016, 24, 91-101.	2.1	30
13	Recent advances in ultrasound-triggered drug delivery through lipid-based nanomaterials. <i>Drug Discovery Today</i> , 2020, 25, 2182-2200.	3.2	30
14	Polymer-Based Drug Delivery Systems, Development and Pre-Clinical Status. <i>Current Pharmaceutical Design</i> , 2016, 22, 2886-2903.	0.9	30
15	Kit for preparation of multimeric receptor-specific <sup>99m</sup> Tc-radiopharmaceuticals based on gold nanoparticles. <i>Nuclear Medicine Communications</i> , 2011, 32, 1095-1104.	0.5	29
16	Synthesis and Evaluation of <sup>177</sup> Lu-DOTA-DN(PTX)-BN for Selective and Concomitant Radio and Drug <sup>®</sup> Therapeutic Effect on Breast Cancer Cells. <i>Polymers</i> , 2019, 11, 1572.	2.0	27
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	Synthesis and preclinical evaluation of the <sup>177</sup> Lu-DOTA-PSMA(inhibitor)-Lys3-bombesin heterodimer designed as a radiotheranostic probe for prostate cancer. <i>Nuclear Medicine Communications</i> , 2019, 40, 278-286.	0.5	19

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19	Biomarkers of Cytotoxic, Genotoxic and Apoptotic Effects in <i>Cyprinus carpio</i> Exposed to Complex Mixture of Contaminants from Hospital Effluents. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 326-332.	1.3	16
20	Design, Synthesis and Preclinical Assessment of <sup>99m</sup> Tc-iFAP for In Vivo Fibroblast Activation Protein (FAP) Imaging. <i>Molecules</i> , 2022, 27, 264.	1.7	16
21	Deregulated microRNAs and Adiponectin in Postmenopausal Women with Breast Cancer. <i>Gynecologic and Obstetric Investigation</i> , 2019, 84, 369-377.	0.7	15
22	Engineered Multifunctional RGD-Gold Nanoparticles for the Detection of Tumour-Specific <math>^{67}Zn^{2+}</math> Expression: Chemical Characterisation and Ecotoxicological Risk Assessment. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 991-999.	0.5	14
23	In vitro and in vivo synergistic effect of radiotherapy and plasmonic photothermal therapy on the viability of cancer cells using <sup>177</sup> Lu- <sup>64</sup> Au-NLS-RGD-Aptamer nanoparticles under laser irradiation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1913-1921.	0.7	14
24	New Insights into Adipokines in Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6279.	1.8	14
25	<sup>177</sup> Lu-DOTA-HYNIC-Lys(Nal)-Urea-Glu: synthesis and assessment of the ability to target the prostate specific membrane antigen. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 2059-2066.	0.7	13
26	Synthesis, chemical and biochemical characterization of Lu <sub>2</sub> O <sub>3</sub> -iPSMA nanoparticles activated by neutron irradiation. <i>Materials Science and Engineering C</i> , 2020, 117, 111335.	3.8	12
27	Drug Delivery Systems-Based Dendrimers and Polymer Micelles for Nuclear Diagnosis and Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2000362.	2.1	11
28	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
29	Radiolabeled Nanoparticles for Molecular Imaging. , 0, , .		10
30	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
31	Nanoradiopharmaceuticals Based on Alpha Emitters: Recent Developments for Medical Applications. <i>Pharmaceutics</i> , 2021, 13, 1123.	2.0	10
32	Synthesis and Biochemical Evaluation of Samarium-153 Oxide Nanoparticles Functionalized with iPSMA-Bombesin Heterodimeric Peptide. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 689-701.	0.5	10
33	Omentin-1 and its relationship with inflammatory factors in maternal plasma and visceral adipose tissue of women with gestational diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 453-462.	1.8	9
34	Synthesis and in vitro evaluation of an antiangiogenic cancer-specific dual-targeting <sup>177</sup> Lu-Au-nanoradiopharmaceutical. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1337-1345.	0.7	8
35	Multimeric System of RGD-Grafted PMMA-Nanoparticles as a Targeted Drug- Delivery System for Paclitaxel. <i>Current Pharmaceutical Design</i> , 2017, 23, 3415-3422.	0.9	8
36	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

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37	Synthesis and physicochemical characterization of Lu and Sm sesquioxide nanoparticles by precipitation-calcination and pulsed laser ablation in liquids. <i>Materials Chemistry and Physics</i> , 2022, 275, 125229.	2.0	7
38	Preparation and Characterization of a Tumor-Targeting Dual-Image System Based on Iron Oxide Nanoparticles Functionalized with Folic Acid and Rhodamine. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-11.	1.5	6
39	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
40	Physicochemical behaviour of a dinuclear uranyl complex formed with an octaphosphinoylated para-tert-butylcalix[8]arene. Spectroscopic studies in solution and in the solid state. <i>Polyhedron</i> , 2017, 123, 75-89.	1.0	4
41	Induction of the SOS response of <i>Escherichia coli</i> in repair-defective strains by several genotoxic agents. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 854-855, 503196.	0.9	4
42	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
43	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
44	Photoactivation of Chemotherapeutic Agents with Cerenkov Radiation for Chemo-Photodynamic Therapy. <i>ACS Omega</i> , 2022, 7, 23591-23604.	1.6	3
45	Radiosensitization of Murine Normoblasts <i>In Vivo</i> by Bromodeoxyuridine to the Genotoxicity and Cytotoxicity of the Bone-Seeking Radiopharmaceutical <sup>153</sup> Sm-EDTMP. <i>Radiation Research</i> , 2010, 173, 386-391.	0.7	2
46	Targeted photodynamic therapy using reconstituted high-density lipoproteins as rhodamine transporters. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 37, 102630.	1.3	2
47	Evaluation of the effect of 1,3-bis-(4-phenyl-[1,2,3] triazole-1-yl)2-propanol in comparison with metronidazole in an in vitro culture of Blastocystis in samples of patients with irritable bowel syndrome. <i>Journal of Parasitic Diseases</i> , 2019, 43, 506-512.	0.4	1
48	Preparation and Evaluation of a Food Additive Based on Polymeric Nanoparticles for Controlled Delivery of Antioxidant Extracts. <i>Current Nutrition and Food Science</i> , 2016, 12, 113-120.	0.3	1
49	Biokinetics of [ <sup>99m</sup> Tc]-labeled gold nanoparticles conjugated to mannose for specific sentinel node detection. , 2010, , .		0
50	Preparation of Heterobivalent and Multivalent Radiopharmaceuticals to Target Tumors Over-Expressing Integrins. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 69-92.	0.1	0
51	Dual-Targeted Therapy and Molecular Imaging with Radiolabeled Nanoparticles. <i>Ecoproduction</i> , 2019, , 201-219.	0.8	0
52	Quantification of Non-steroidal Anti-inflammatory Drug in Water. <i>Handbook of Environmental Chemistry</i> , 2020, , 83-103.	0.2	0