

Blanca E Ocampo-García

List of Publications by Year in descending order

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72
papers

1,538
citations

257450

24
h-index

345221

36
g-index

73
all docs

73
docs citations

73
times ranked

1835
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimeric System of ^{99m} Tc-Labeled Gold Nanoparticles Conjugated to c[RGDfK(C)] for Molecular Imaging of Tumor $\alpha_5\beta_1$ Expression. <i>Bioconjugate Chemistry</i> , 2011, 22, 913-922.	3.6	114
2	Molecular Targeting Radiotherapy with Cyclo-RGDfK(C) Peptides Conjugated to ¹⁷⁷ Lu-Labeled Gold Nanoparticles in Tumor-Bearing Mice. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 393-404.	1.1	95
3	^{99m} Tc-labelled gold nanoparticles capped with HYNIC-peptide/mannose for sentinel lymph node detection. <i>Nuclear Medicine and Biology</i> , 2011, 38, 1-11.	0.6	79
4	Multifunctional targeted therapy system based on ^{99m} Tc/ ¹⁷⁷ Lu-labeled gold nanoparticles- $\alpha_5\beta_1$ -Lys ³ -bombesin internalized in nuclei of prostate cancer cells. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 663-671.	1.0	73
5	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.	7.3	63
6	Clinical translation of a PSMA inhibitor for ^{99m} Tc-based SPECT. <i>Nuclear Medicine and Biology</i> , 2017, 48, 36-44.	0.6	52
7	Gold nanoparticles conjugated to [Tyr ³]Octreotide peptide. <i>Biophysical Chemistry</i> , 2008, 138, 83-90.	2.8	50
8	Lys ³ -Bombesin Conjugated to ^{99m} Tc-Labeled Gold Nanoparticles for <i>In Vivo</i> Gastrin Releasing Peptide-Receptor Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 375-384.	1.1	47
9	Hydrogels based on poly(ethylene glycol) as scaffolds for tissue engineering application: biocompatibility assessment and effect of the sterilization process. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 176.	3.6	44
10	Biodegradable poly(D,L-lactide-co-glycolide)/poly(L- ¹³ glutamic acid) nanoparticles conjugated to folic acid for targeted delivery of doxorubicin. <i>Materials Science and Engineering C</i> , 2017, 76, 743-751.	7.3	43
11	¹⁷⁷ 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.	7.3	42
12	Multifunctional Radiolabeled Nanoparticles for Targeted Therapy. <i>Current Medicinal Chemistry</i> , 2013, 21, 124-138.	2.4	41
13	¹⁷⁷ 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.	2.7	40
14	Fluorescent, Plasmonic, and Radiotherapeutic Properties of the ¹⁷⁷ Lu-Dendrimer-AuNP-Folate-Bombesin Nanoprobe Located Inside Cancer Cells. <i>Molecular Imaging</i> , 2017, 16, 153601211770476.	1.4	39
15	Antibacterial Efficacy of Gold and Silver Nanoparticles Functionalized with the Ubiquicidin (29 ⁴¹) Antimicrobial Peptide. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	2.7	37
16	¹⁷⁷ Lu-labeled monomeric, dimeric and multimeric RGD peptides for the therapy of tumors expressing $\alpha_5\beta_1$ integrins. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 140-148.	1.0	31
17	Kit for preparation of multimeric receptor-specific ^{99m} Tc-radiopharmaceuticals based on gold nanoparticles. <i>Nuclear Medicine Communications</i> , 2011, 32, 1095-1104.	1.1	29
18	Laser Heating of Gold Nanospheres Functionalized with Octreotide: <i>In Vitro</i> Effect on HeLa Cell Viability. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 17-22.	2.0	28

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19	99mTc-labeled PSMA inhibitor: Biokinetics and radiation dosimetry in healthy subjects and imaging of prostate cancer tumors in patients. <i>Nuclear Medicine and Biology</i> , 2017, 52, 1-6.	0.6	28
20	Theranostic Radiopharmaceuticals Based on Gold Nanoparticles Labeled with ^{177}Lu and Conjugated to Peptides. <i>Current Radiopharmaceuticals</i> , 2015, 8, 150-159.	0.8	28
21	Synthesis and Evaluation of ^{177}Lu -DOTA-DN(PTX)-BN for Selective and Concomitant Radio and Drug Therapeutic Effect on Breast Cancer Cells. <i>Polymers</i> , 2019, 11, 1572.	4.5	27
22	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. <i>Applied Radiation and Isotopes</i> , 2016, 107, 214-219.	1.5	26
23	Development of Specific Radiopharmaceuticals for Infection Imaging by Targeting Infectious Micro-organisms. <i>Current Pharmaceutical Design</i> , 2012, 18, 1098-1106.	1.9	25
24	Two Novel Nanosized Radiolabeled Analogues of Somatostatin for Neuroendocrine Tumor Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4159-4169.	0.9	24
25	Kit preparation and biokinetics in women of $^{99\text{mTc}}$ -EDDA/HYNIC-E-[c(RGDfK)] ₂ for breast cancer imaging. <i>Nuclear Medicine Communications</i> , 2014, 35, 423-432.	1.1	23
26	Preparation and preclinical evaluation of ^{68}Ga -iPSMA-BN as a potential heterodimeric radiotracer for PET-imaging of prostate cancer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 2097-2105.	1.5	19
27	Synthesis and preclinical evaluation of the ^{177}Lu -DOTA-PSMA(inhibitor)-Lys3-bombesin heterodimer designed as a radiotheranostic probe for prostate cancer. <i>Nuclear Medicine Communications</i> , 2019, 40, 278-286.	1.1	19
28	[$^{99\text{mTc}}$ -HYNIC-N-dodecylamide]: a new hydrophobic tracer for labelling reconstituted high-density lipoproteins (rHDL) for radioimaging. <i>Nanoscale</i> , 2019, 11, 541-551.	5.6	18
29	Synthesis and preclinical evaluation of the $^{99\text{mTc}}$ -/ ^{177}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.	1.5	16
30	Design, Synthesis and Preclinical Assessment of $^{99\text{mTc}}$ -iFAP for In Vivo Fibroblast Activation Protein (FAP) Imaging. <i>Molecules</i> , 2022, 27, 264.	3.8	16
31	^{177}Lu -DOTA-HYNIC-Lys(Nal)-Urea-Glu: Biokinetics, Dosimetry, and Evaluation in Patients with Advanced Prostate Cancer. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	15
32	Multifunctional Targeted Radiotherapy System for Induced Tumours Expressing Gastrin-releasing Peptide Receptors. <i>Current Nanoscience</i> , 2012, 8, 193-201.	1.2	14
33	Engineered Multifunctional RGD-Gold Nanoparticles for the Detection of Tumour-Specific ^{125}I Expression: Chemical Characterisation and Ecotoxicological Risk Assessment. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 991-999.	1.1	14
34	Improved radiopharmaceutical based on $^{99\text{mTc}}$ -Bombesin-folate for breast tumour imaging. <i>Nuclear Medicine Communications</i> , 2016, 37, 377-386.	1.1	14
35	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.	1.5	14
36	Click chemistry for [$^{99\text{mTc}}$ (CO) ₃] labeling of Lys3-bombesin. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2274-2278.	1.5	13

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37	Design and biological evaluation of ^{99m}Tc -N2S2-Tat(49 α 57)-c(RGDyK): A hybrid radiopharmaceutical for tumors expressing $\alpha_5\beta_1$ integrins. <i>Nuclear Medicine and Biology</i> , 2013, 40, 481-487.	0.6	13
38	^{177}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.	1.5	13
39	Synthesis, chemical and biochemical characterization of Lu_2O_3 -iPSMA nanoparticles activated by neutron irradiation. <i>Materials Science and Engineering C</i> , 2020, 117, 111335.	7.3	12
40	Development of ^{177}Lu -scFvD2B as a Potential Immunotheranostic Agent for Tumors Overexpressing the Prostate Specific Membrane Antigen. <i>Scientific Reports</i> , 2020, 10, 9313.	3.3	11
41	Drug Delivery Systems Based Dendrimers and Polymer Micelles for Nuclear Diagnosis and Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2000362.	4.1	11
42	Development of ^{177}Lu -DN(C19)-CXCR4 Ligand Nanosystem for Combinatorial Therapy in Pancreatic Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 263-278.	1.1	11
43	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.	1.5	10
44	^{68}Ga -iPSMA-Lys3-Bombesin: Biokinetics, dosimetry and first patient PET/CT imaging. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 54-60.	0.6	10
45	Nanoradiopharmaceuticals Based on Alpha Emitters: Recent Developments for Medical Applications. <i>Pharmaceutics</i> , 2021, 13, 1123.	4.5	10
46	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.	1.1	10
47	Cyclization of RGD peptide sequences via the macrocyclic chelator DOTA for integrin imaging. <i>Dalton Transactions</i> , 2012, 41, 14051.	3.3	9
48	Hybrid (2D/3D) Dosimetry of Radiolabeled Gold Nanoparticles for Sentinel Lymph Node Detection in Patients with Breast Cancer. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-7.	0.8	9
49	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.	1.5	8
50	Multimeric System of RGD-Grafted PMMA-Nanoparticles as a Targeted Drug- Delivery System for Paclitaxel. <i>Current Pharmaceutical Design</i> , 2017, 23, 3415-3422.	1.9	8
51	^{99m}Tc -CXCR4-L for Imaging of the Chemokine-4 Receptor Associated with Brain Tumor Invasiveness: Biokinetics, Radiation Dosimetry, and Proof of Concept in Humans. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-10.	0.8	8
52	Electron transfer reactions in rhodamine: Potential use in photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 409, 113131.	3.9	8
53	Targeted Endoradiotherapy with Lu_2O_3 -iPSMA/iFAP Nanoparticles Activated by Neutron Irradiation: Preclinical Evaluation and First Patient Image. <i>Pharmaceutics</i> , 2022, 14, 720.	4.5	8
54	Controlled-Release Nanosystems with a Dual Function of Targeted Therapy and Radiotherapy in Colorectal Cancer. <i>Pharmaceutics</i> , 2022, 14, 1095.	4.5	7

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55	[^{99m} Tc]Tc-iFAP/SPECT Tumor Stroma Imaging: Acquisition and Analysis of Clinical Images in Six Different Cancer Entities. <i>Pharmaceuticals</i> , 2022, 15, 729.	3.8	7
56	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. <i>Nuclear Medicine and Biology</i> , 2015, 42, 911-916.	0.6	6
57	Tumoral fibrosis effect on the radiation absorbed dose of ¹⁷⁷ Lu- ¹²⁵ I-Tyr3-octreotate and ¹⁷⁷ Lu- ¹²⁵ I-Tyr3-octreotate conjugated to gold nanoparticles. <i>Applied Radiation and Isotopes</i> , 2015, 100, 96-100.	1.5	6
58	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.	2.7	6
59	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
60	Radiolabeled Protein-inhibitor Peptides with Rapid Clinical Translation towards Imaging and Therapy. <i>Current Medicinal Chemistry</i> , 2020, 27, 7032-7047.	2.4	5
61	²²⁵ Ac-rHDL Nanoparticles: A Potential Agent for Targeted Alpha-Particle Therapy of Tumors Overexpressing SR-BI Proteins. <i>Molecules</i> , 2022, 27, 2156.	3.8	5
62	Physicochemical behaviour of a dinuclear uranyl complex formed with an octaphosphinoylated para-tert-butylcalix[8]arene. <i>Spectroscopic studies in solution and in the solid state. Polyhedron</i> , 2017, 123, 75-89.	2.2	4
63	^{99m} Tc-exendin(9-39)/octreotide. <i>Nuclear Medicine Communications</i> , 2017, 38, 912-918.	1.1	4
64	Preclinical dosimetric studies of ¹⁷⁷ Lu- ¹²⁵ I-FvD2B and comparison with ¹⁷⁷ Lu- ¹²⁵ I-PSMA-617 and ¹⁷⁷ Lu- ¹²⁵ I-PSMA endoradiotherapeutic agents. <i>Medical Physics</i> , 2021, 48, 4064-4074.	3.0	3
65	[^{99m} Tc]Tc-iFAP Radioligand for SPECT/CT Imaging of the Tumor Microenvironment: Kinetics, Radiation Dosimetry, and Imaging in Patients. <i>Pharmaceuticals</i> , 2022, 15, 590.	3.8	3
66	Preclinical Biokinetic Modelling of Tc- ^{99m} Radiopharmaceuticals Obtained from Semi-Automatic Image Processing. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 887-898.	1.8	2
67	Preparation and Dosimetry Assessment of ¹⁶⁶ Dy ₂ O ₃ / ¹⁶⁶ Ho ₂ O ₃ -iPSMA Nanoparticles for Targeted Hepatocarcinoma Radiotherapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5449-5458.	0.9	2
68	Targeted photodynamic therapy using reconstituted high-density lipoproteins as rhodamine transporters. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 37, 102630.	2.6	2
69	IAEA Contribution to Nanosized Targeted Radiopharmaceuticals for Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 1060.	4.5	2
70	Biokinetics of [^{99m} Tc]-labeled gold nanoparticles conjugated to mannose for specific sentinel node detection. , 2010, , .		0
71	Preparation of Heterobivalent and Multivalent Radiopharmaceuticals to Target Tumors Over-Expressing Integrins. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 69-92.	0.2	0
72	Dual-Targeted Therapy and Molecular Imaging with Radiolabeled Nanoparticles. <i>Ecoproduction</i> , 2019, , 201-219.	0.8	0