André LuÃ-s Branco De Barros

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thermosensitive liposomes containing cisplatin functionalized by hyaluronic acid: preparation and physicochemical characterization. Journal of Nanoparticle Research, 2022, 24, .	1.9	3
2	PEGylated versus Non-PEGylated pH-Sensitive Liposomes: New Insights from a Comparative Antitumor Activity Study. Pharmaceutics, 2022, 14, 272.	4.5	16
3	Recent advances and limitations in the application of kahalalides for the control of cancer. Biomedicine and Pharmacotherapy, 2022, 148, 112676.	5.6	6
4	Detection of SARS-CoV-2 virus via dynamic light scattering using antibody-gold nanoparticle bioconjugates against viral spike protein. Talanta, 2022, 243, 123355.	5.5	16
5	The Use of Polymer Blends in the Treatment of Ocular Diseases. Pharmaceutics, 2022, 14, 1431.	4.5	9
6	Enhanced antitumor efficacy of lapachol-loaded nanoemulsion in breast cancer tumor model. Biomedicine and Pharmacotherapy, 2021, 133, 110936.	5.6	26
7	Intake of Lactobacillus delbrueckii (pExu:hsp65) Prevents the Inflammation and the Disorganization of the Intestinal Mucosa in a Mouse Model of Mucositis. Microorganisms, 2021, 9, 107.	3.6	18
8	Efficacy of nanoemulsion with Pterodon emarginatus Vogel oleoresin for topical treatment of cutaneous leishmaniasis. Biomedicine and Pharmacotherapy, 2021, 134, 111109.	5.6	21
9	Mechanistic insights into the intracellular release of doxorubicin from pH-sensitive liposomes. Biomedicine and Pharmacotherapy, 2021, 134, 110952.	5.6	15
10	Doxorubicin-loaded pH-sensitive micelles: A promising alternative to enhance antitumor activity and reduce toxicity. Biomedicine and Pharmacotherapy, 2021, 134, 111076.	5.6	22
11	Investigation of the antitumor activity and toxicity of cisplatin loaded pH-sensitive-pegylated liposomes in a triple negative breast cancer animal model. Journal of Drug Delivery Science and Technology, 2021, 62, 102400.	3.0	4
12	Ferri–Liposomes: Preformulation and Selective Cytotoxicity against A549 Lung Cancer Cells. Pharmaceutics, 2021, 13, 712.	4.5	12
13	[99mTc]Tc-Phosphate-buffer system as a potential tracer for bone imaging. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1119-1124.	1.5	2
14	Will curcumin nanosystems be the next promising antiviral alternatives in COVID-19 treatment trials?. Biomedicine and Pharmacotherapy, 2021, 139, 111578.	5.6	41
15	The potential use of simvastatin for cancer treatment: A review. Biomedicine and Pharmacotherapy, 2021, 141, 111858.	5.6	48
16	Preparation and characterization of gadolinium-based thermosensitive liposomes: A potential nanosystem for selective drug delivery to cancer cells. Journal of Drug Delivery Science and Technology, 2021, 65, 102686.	3.0	5
17	Recent progress in micro and nano-encapsulation of bioactive derivatives of the Brazilian genus Pterodon. Biomedicine and Pharmacotherapy, 2021, 143, 112137.	5.6	11
18	pH-responsive and folate-coated liposomes encapsulating irinotecan as an alternative to improve efficacy of colorectal cancer treatment. Biomedicine and Pharmacotherapy, 2021, 144, 112317.	5.6	22

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19	Preclinical toxicological study of long-circulating and fusogenic liposomes co-encapsulating paclitaxel and doxorubicin in synergic ratio. Biomedicine and Pharmacotherapy, 2021, 144, 112307.	5.6	7
20	Zebrafish as a model to study inflammation: A tool for drug discovery. Biomedicine and Pharmacotherapy, 2021, 144, 112310.	5.6	21
21	pH-sensitive doxorubicin-tocopherol succinate prodrug encapsulated in docosahexaenoic acid-based nanostructured lipid carriers: An effective strategy to improve pharmacokinetics and reduce toxic effects. Biomedicine and Pharmacotherapy, 2021, 144, 112373.	5.6	8
22	Polymeric nanoblends compatibilization: a strategic design to enhance the effectiveness of nanocarriers for biomedical applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 567-579.	3.4	3
23	Mesoporous SBA-16 silica nanoparticles as a potential vaccine adjuvant against Paracoccidioides brasiliensis. Microporous and Mesoporous Materials, 2020, 291, 109676.	4.4	13
24	Alpha-tocopheryl succinate improves encapsulation, pH-sensitivity, antitumor activity and reduces toxicity of doxorubicin-loaded liposomes. European Journal of Pharmaceutical Sciences, 2020, 144, 105205.	4.0	22
25	Physical and biological effects of paclitaxel encapsulation on disteraroylphosphatidylethanolamine-polyethyleneglycol polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110760.	5.0	5
26	Ag2WO4 nanoparticles radiolabeled with technetium-99m: a potential new tool for tumor identification and uptake. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 51-59.	1.5	8
27	Boron nitride nanotube-CREKA peptide as an effective target system to metastatic breast cancer. Journal of Pharmaceutical Investigation, 2020, 50, 469-480.	5.3	9
28	Potential of mucoadhesive nanocapsules in drug release and toxicology in zebrafish. PLoS ONE, 2020, 15, e0238823.	2.5	11
29	Encapsulating paclitaxel in polymeric nanomicelles increases antitumor activity and prevents peripheral neuropathy. Biomedicine and Pharmacotherapy, 2020, 132, 110864.	5.6	4
30	Co-delivery of doxorubicin, docosahexaenoic acid, and α-tocopherol succinate by nanostructured lipid carriers has a synergistic effect to enhance antitumor activity and reduce toxicity. Biomedicine and Pharmacotherapy, 2020, 132, 110876.	5.6	44
31	Evaluation of the specific uptake of radiolabeled Staphylococcus aureus aptamers in the infectious foci. Applied Radiation and Isotopes, 2020, 158, 109047.	1.5	0
32	Preclinical Gold Complexes as Oral Drug Candidates to Treat Leishmaniasis Are Potent Trypanothione Reductase Inhibitors. ACS Infectious Diseases, 2020, 6, 1121-1139.	3.8	36
33	Responsive polymer conjugates for drug delivery applications: recent advances in bioconjugation methodologies. Journal of Drug Targeting, 2019, 27, 355-366.	4.4	15
34	Folate-coated, long-circulating and pH-sensitive liposomes enhance doxorubicin antitumor effect in a breast cancer animal model. Biomedicine and Pharmacotherapy, 2019, 118, 109323.	5.6	69
35	Sclareol is a potent enhancer of doxorubicin: Evaluation of the free combination and co-loaded nanostructured lipid carriers against breast cancer. Life Sciences, 2019, 232, 116678.	4.3	26
36	Interdomain twists of human thymidine phosphorylase and its active–inactive conformations: Binding of 5â€FU and its analogues to human thymidine phosphorylase versus dihydropyrimidine dehydrogenase. Chemical Biology and Drug Design, 2019, 94, 1956-1972.	3.2	11

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37	Nanoemulsion system for intravenous administration of bioactive nitroaromatic compound reduces genotoxicity and increases tumor uptake in murine experimental model. Journal of Drug Delivery Science and Technology, 2019, 53, 101161.	3.0	2
38	Inhibition of Tityus serrulatus venom hyaluronidase affects venom biodistribution. PLoS Neglected Tropical Diseases, 2019, 13, e0007048.	3.0	32
39	Paclitaxel-Loaded Folate-Coated pH-Sensitive Liposomes Enhance Cellular Uptake and Antitumor Activity. Molecular Pharmaceutics, 2019, 16, 3477-3488.	4.6	23
40	Lapachol marcado con tecnecio 99m como sonda de imágenes para la identificación de tumores de mama. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2019, 38, 167-172.	0.0	3
41	Carboxylated versus bisphosphonate SWCNT: Functionalization effects on the biocompatibility and in vivo behaviors in tumor-bearing mice. Journal of Drug Delivery Science and Technology, 2019, 50, 266-277.	3.0	10
42	Optimization and in vitro/in vivo performance of paclitaxel-loaded nanostructured lipid carriers for breast cancer treatment. Journal of Drug Delivery Science and Technology, 2019, 54, 101370.	3.0	17
43	Thermosensitive Nanosystems Associated with Hyperthermia for Cancer Treatment. Pharmaceuticals, 2019, 12, 171.	3.8	29
44	New ^{99m} Tc-Labeled Digitoxigenin Derivative for Cancer Cell Identification. ACS Omega, 2019, 4, 22048-22056.	3.5	0
45	Influence of PEG coating on the biodistribution and tumor accumulation of pH-sensitive liposomes. Drug Delivery and Translational Research, 2019, 9, 123-130.	5.8	59
46	Investigation of the antitumor activity and toxicity of long-circulating and fusogenic liposomes co-encapsulating paclitaxel and doxorubicin in a murine breast cancer animal model. Biomedicine and Pharmacotherapy, 2019, 109, 1728-1739.	5.6	42
47	Protective effect of Lactobacillus delbrueckii subsp. Lactis CIDCA 133 in a model of 5 Fluorouracil-Induced intestinal mucositis. Journal of Functional Foods, 2019, 53, 197-207.	3.4	37
48	Development of Long-Circulating and Fusogenic Liposomes Co-encapsulating Paclitaxel and Doxorubicin in Synergistic Ratio for the Treatment of Breast Cancer. Current Drug Delivery, 2019, 16, 829-838.	1.6	12
49	Paclitaxel-Loaded pH-Sensitive Liposome: New Insights on Structural and Physicochemical Characterization. Langmuir, 2018, 34, 5728-5737.	3.5	44
50	Antiangiogenic evaluation of ZnWO ₄ nanoparticles synthesised through microwave-assisted hydrothermal method. Journal of Drug Targeting, 2018, 26, 806-817.	4.4	13
51	Mesoporous silica SBA-16/hydroxyapatite-based composite for ciprofloxacin delivery to bacterial bone infection. Journal of Sol-Gel Science and Technology, 2018, 85, 369-381.	2.4	19
52	Biomedical nanoparticle carriers with combined thermal and magnetic response: Current preclinical investigations. Journal of Magnetism and Magnetic Materials, 2018, 461, 116-127.	2.3	28
53	Nanostructured Lipid Carrier Co-loaded with Doxorubicin and Docosahexaenoic Acid as a Theranostic Agent: Evaluation of Biodistribution and Antitumor Activity in Experimental Model. Molecular Imaging and Biology, 2018, 20, 437-447.	2.6	27
54	Vincristine-loaded hydroxyapatite nanoparticles as a potential delivery system for bone cancer therapy. Journal of Drug Targeting, 2018, 26, 592-603.	4.4	33

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55	Paclitaxel-loaded folate-coated long circulating and pH-sensitive liposomes as a potential drug delivery system: A biodistribution study. Biomedicine and Pharmacotherapy, 2018, 97, 489-495.	5.6	54
56	Long-circulating and fusogenic liposomes loaded with a glucoevatromonoside derivative induce potent antitumor response. Biomedicine and Pharmacotherapy, 2018, 108, 1152-1161.	5.6	10
57	CPP-Ts: a new intracellular calcium channel modulator and a promising tool for drug delivery in cancer cells. Scientific Reports, 2018, 8, 14739.	3.3	21
58	Freeze-dried diethylenetriaminepentaacetic acid-functionalized polymeric micelles containing paclitaxel: A kit formulation for theranostic application in cancer. Journal of Drug Delivery Science and Technology, 2018, 46, 182-187.	3.0	10
59	Nanoparticle mucoadhesive system as a new tool for fish immune system modulation. Fish and Shellfish Immunology, 2018, 80, 651-654.	3.6	11
60	Permeability and in vivo distribution of poly(ƕcaprolactone) nanoparticles loaded with zidovudine. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	2
61	α- Tocopherol succinate loaded nano-structed lipid carriers improves antitumor activity of doxorubicin in breast cancer models in vivo. Biomedicine and Pharmacotherapy, 2018, 103, 1348-1354.	5.6	40
62	Growth arrested live-attenuated Leishmania infantum KHARON1 null mutants display cytokinesis defect and protective immunity in mice. Scientific Reports, 2018, 8, 11627.	3.3	16
63	Toxicological study of a new doxorubicin-loaded pH-sensitive liposome: A preclinical approach. Toxicology and Applied Pharmacology, 2018, 352, 162-169.	2.8	30
64	Synthesis of cholesterol-based neoglycoconjugates and their use in the preparation of liposomes for active liver targeting. Carbohydrate Research, 2018, 465, 52-57.	2.3	21
65	Synthesis, characterization and radiolabeling of polymeric nano-micelles as a platform for tumor delivering. Biomedicine and Pharmacotherapy, 2017, 89, 268-275.	5.6	41
66	Antitumor effectiveness of a combined therapy with a new cucurbitacin B derivative and paclitaxel on a human lung cancer xenograft model. Toxicology and Applied Pharmacology, 2017, 329, 272-281.	2.8	25
67	Technetium-99 m radiolabeled paclitaxel as an imaging probe for breast cancer in vivo. Biomedicine and Pharmacotherapy, 2017, 89, 146-151.	5.6	23
68	Functionalized single-walled carbon nanotubes: cellular uptake, biodistribution and applications in drug delivery. International Journal of Pharmaceutics, 2017, 524, 41-54.	5.2	113
69	Radiolabeled bombesin derivatives for preclinical oncological imaging. Biomedicine and Pharmacotherapy, 2017, 87, 58-72.	5.6	43
70	(1→3)-β-D-glucan aptamers labeled with technetium-99m: Biodistribution and imaging in experimental models of bacterial and fungal infection. Nuclear Medicine and Biology, 2017, 46, 19-24.	0.6	10
71	The role of radionuclide probes for monitoring anti-tumor drugs efficacy: A brief review. Biomedicine and Pharmacotherapy, 2017, 95, 469-476.	5.6	9
72	Detection of bacterial infection by a technetium-99m-labeled peptidoglycan aptamer. Biomedicine and Pharmacotherapy, 2017, 93, 931-938.	5.6	14

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73	Antiangiogenic activity of PLGA-Lupeol implants for potential intravitreal applications. Biomedicine and Pharmacotherapy, 2017, 92, 394-402.	5.6	17
74	Scintigraphic imaging of Staphylococcus aureus infection using 99mTc radiolabeled aptamers. Applied Radiation and Isotopes, 2017, 128, 22-27.	1.5	11
75	Feasibility study with 99mTc-HYNIC-βAla-Bombesin(7–14) as an agent to early visualization of lung tumour cells in nude mice. Nuclear Medicine Communications, 2016, 37, 372-376.	1.1	10
76	Preliminary data of the antipancreatic tumor efficacy and toxicity of long-circulating and pH-sensitive liposomes containing cisplatin. Nuclear Medicine Communications, 2016, 37, 727-734.	1.1	11
77	Hydroxyapatite nanoparticles. Nuclear Medicine Communications, 2016, 37, 775-782.	1.1	19
78	pH-Sensitive, Long-Circulating Liposomes as an Alternative Tool to Deliver Doxorubicin into Tumors: a Feasibility Animal Study. Molecular Imaging and Biology, 2016, 18, 898-904.	2.6	29
79	Phase behavior of dioleyphosphatidylethanolamine molecules in the presence of components of pH-sensitive liposomes and paclitaxel. Colloids and Surfaces B: Biointerfaces, 2016, 144, 276-283.	5.0	16
80	Doxorubicin-loaded nanocarriers: A comparative study of liposome and nanostructured lipid carrier as alternatives for cancer therapy. Biomedicine and Pharmacotherapy, 2016, 84, 252-257.	5.6	42
81	Mesoporous silica nanoparticles as a potential vaccine adjuvant against Schistosoma mansoni. Journal of Drug Delivery Science and Technology, 2016, 35, 234-240.	3.0	26
82	Development of imaging probes for bone cancer in animal models. A systematic review. Biomedicine and Pharmacotherapy, 2016, 83, 1253-1264.	5.6	14
83	Technetium-99m-labeled doxorubicin as an imaging probe for murine breast tumor (4T1 cell line) identification. Nuclear Medicine Communications, 2016, 37, 307-312.	1.1	20
84	Synthesis and antimicrobial evaluation of two peptide LyeTx I derivatives modified with the chelating agent HYNIC for radiolabeling with technetium-99m. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2016, 22, 16.	1.4	7
85	HER-2 and EGFR mRNA Expression and Its Relationship with Versican in Malignant Matrix-Producing Tumors of the Canine Mammary Gland. PLoS ONE, 2016, 11, e0160419.	2.5	12
86	Relationship between the expression of versican and EGFR, HER-2, HER-3 and CD44 in matrix-producing tumours in the canine mammary gland. Histology and Histopathology, 2016, 31, 675-88.	0.7	10
87	99mTc-phytate as a diagnostic probe for assessing inflammatory reaction in malignant tumors. Nuclear Medicine Communications, 2015, 36, 1042-1048.	1.1	10
88	Evolving role of radiolabeled particles in detecting infection and inflammation, preliminary data with 99mTc-phytate in rats. Nuclear Medicine Communications, 2015, 36, 1113-1119.	1.1	3
89	Evaluation of 99mTc-HYNIC-βAla-Bombesin(7-14) as an agent for pancreas tumor detection in mice. Brazilian Journal of Medical and Biological Research, 2015, 48, 923-928.	1.5	14
90	Scintigraphic imaging and increment in mice survival using theranostic liposomes based on Gadolinium-159. Journal of Drug Delivery Science and Technology, 2015, 30, 7-14.	3.0	6

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91	Identification of Staphylococcus aureus infection by aptamers directly radiolabeled with technetium-99m. Nuclear Medicine and Biology, 2015, 42, 292-298.	0.6	22
92	Synthesis, characterization, and biodistribution studies of 99m Tc-labeled SBA-16 mesoporous silica nanoparticles. Materials Science and Engineering C, 2015, 56, 181-188.	7.3	43
93	Feasibility of the 99mTc-HYNIC-βAla-Bombesin(7–14) for detection of LNCaP prostate tumour in experimental model. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 379-386.	1.5	7
94	Bombesin Encapsulated in Long-Circulating pH-Sensitive Liposomes as a Radiotracer for Breast Tumor Identification. Journal of Biomedical Nanotechnology, 2015, 11, 342-350.	1.1	25
95	Long-Circulating and pH-Sensitive Liposome Preparation Trapping a Radiotracer for Inflammation Site Detection. Journal of Nanoscience and Nanotechnology, 2015, 15, 4149-4158.	0.9	8
96	Radiolabeled Peptides as Imaging Probes for Cancer Diagnosis. Journal of Molecular Pharmaceutics & Organic Process Research, 2014, 02, .	2.0	2
97	Aptamers directly radiolabeled with technetium-99m as a potential agent capable of identifying carcinoembryonic antigen (CEA) in tumor cells T84. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1998-2001.	2.2	32
98	Evaluation of the optimal LNCaP prostate tumour developmental stage to be assessed by 99mTc-HYNIC-βAla-Bombesin(7–14) in an experimental model. Journal of Radioanalytical and Nuclear Chemistry, 2014, 300, 801-807.	1.5	13
99	Gold-Loaded Polymeric Micelles for Computed Tomography-Guided Radiation Therapy Treatment and Radiosensitization. ACS Nano, 2014, 8, 104-112.	14.6	193
100	Radiolabeling of low molecular weight d-galactose-based glycodendrimer with technetium-99m and biodistribution studies. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 605-609.	1.5	9
101	99mTc-labeled bombesin analog for breast cancer identification. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2083-2090.	1.5	27
102	Assessment of Global Cardiac Uptake of Radiolabeled Iron Oxide Nanoparticles in Apolipoprotein-E-Deficient Mice: Implications for Imaging Cardiovascular Inflammation. Molecular Imaging and Biology, 2013, 16, 330-9.	2.6	14
103	Apoptosis mediated by caspase-3 and p53-dependent anticancer effects of 159Gd-DTPA-BMA complex. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 63-66.	1.5	2
104	Participation of Nitric Oxide Pathway in the Relaxation Response Induced by E-cinnamaldehyde Oxime in Superior Mesenteric Artery Isolated From Rats. Journal of Cardiovascular Pharmacology, 2013, 62, 58-66.	1.9	18
105	Long-Circulating, pH-Sensitive Liposomes versus Long-Circulating, Non-pH-Sensitive Liposomes as a Delivery System for Tumor Identification. Journal of Biomedical Nanotechnology, 2013, 9, 1636-1643.	1.1	32
106	Versican expression in canine carcinomas in benign mixed tumours: is there an association with clinical pathological factors, invasion and overall survival?. BMC Veterinary Research, 2012, 8, 195.	1.9	12
107	Kit formulation for 99mTc-labeling of HYNIC-βAla-Bombesin(7–14). Applied Radiation and Isotopes, 2012, 70, 2440-2445.	1.5	19
108	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. EJNMMI Research, 2012, 2, 39.	2.5	120

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109	Antitumoral activity and toxicity of PEC-coated and PEG-folate-coated pH-sensitive liposomes containing 159Gd-DTPA-BMA in Ehrlich tumor bearing mice. European Journal of Pharmaceutical Sciences, 2012, 45, 58-64.	4.0	20
110	Liposomes radiolabeled with 159Gd: In vitro antitumoral activity, biodistribution study and scintigraphic image in Ehrlich tumor bearing mice. European Journal of Pharmaceutical Sciences, 2011, 43, 290-296.	4.0	32
111	Tumor bombesin analog loaded long-circulating and pH-sensitive liposomes as tool for tumor identification. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7373-7375.	2.2	26
112	Synthesis and biodistribution studies of carbohydrate derivatives radiolabeled with technetium-99m. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 315-317.	2.2	28
113	A novel d-glucose derivative radiolabeled with technetium-99m: Synthesis, biodistribution studies and scintigraphic images in an experimental model of Ehrlich tumor. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2478-2480.	2.2	29
114	Bombesin derivative radiolabeled with technetium-99m as agent for tumor identification. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6182-6184.	2.2	41
115	Synthesis and biological evaluation of technetium-labeled d-glucose-MAC3 derivative as agent for tumor diagnosis. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2497-2499.	2.2	28
116	Chemometric-Assisted Hydrophilic Interaction Chromatographic Method for the Determination of Gadolinium-Based Magnetic Resonance Imaging Contrast Agent in Liposomes. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
117	Radiolabeling of cidofovir with technetium-99m and biodistribution studies. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	0