

Amanda K. A. Silva

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,639
citations

279487

23
h-index

223531

46
g-index

51
all docs

51
docs citations

51
times ranked

4557
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of on-chip analysis and engineering techniques for extracellular vesicle bioproduction for therapeutics. <i>View</i> , 2022, 3, .	2.7	5
2	Extracellular Vesicles in Transplantation. <i>Frontiers in Immunology</i> , 2022, 13, 800018.	2.2	9
3	Generation of Hybrid Extracellular Vesicles by Fusion with Functionalized Liposomes. <i>Methods in Molecular Biology</i> , 2022, , 385-396.	0.4	2
4	Anastomotic leak after colorectal surgery: Management by combined use of an over-the-scope-clip and a thermoresponsive gel. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2022, 46, 101990.	0.7	0
5	Enhancing digestive fistula healing by the off-label use of a thermoresponsive vessel occluder polymer associated with esophageal stent placement: A case report. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 45, 101474.	0.7	3
6	Local administration of stem cell-derived extracellular vesicles in a thermoresponsive hydrogel promotes a pro-healing effect in a rat model of colo-cutaneous post-surgical fistula. <i>Nanoscale</i> , 2021, 13, 218-232.	2.8	25
7	Extracellular vesicles from adipose stromal cells combined with a thermoresponsive hydrogel prevent esophageal stricture after extensive endoscopic submucosal dissection in a porcine model. <i>Nanoscale</i> , 2021, 13, 14866-14878.	2.8	10
8	Effect of stroma on the behavior of temoporfin-loaded lipid nanovesicles inside the stroma-rich head and neck carcinoma spheroids. <i>Journal of Nanobiotechnology</i> , 2021, 19, 3.	4.2	18
9	Immune Reprogramming Precision Photodynamic Therapy of Peritoneal Metastasis by Scalable Stem-Cell-Derived Extracellular Vesicles. <i>ACS Nano</i> , 2021, 15, 3251-3263.	7.3	47
10	Tumor-Selective Immune-Active Mild Hyperthermia Associated with Chemotherapy in Colon Peritoneal Metastasis by Photoactivation of Fluorouracil-Gold Nanoparticle Complexes. <i>ACS Nano</i> , 2021, 15, 3330-3348.	7.3	28
11	Exosomes: A Novel Therapeutic Paradigm for the Treatment of Depression. <i>Current Drug Targets</i> , 2021, 22, 183-191.	1.0	8
12	Regenerative medicine for digestive fistulae therapy: Benefits, challenges and promises of stem/stromal cells and emergent perspectives via their extracellular vesicles. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113841.	6.6	5
13	Hybrid nano- and microgels doped with photoacoustic contrast agents for cancer theranostics. <i>View</i> , 2021, 2, 20200176.	2.7	7
14	Technological advances towards extracellular vesicles mass production. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113843.	6.6	63
15	Engineering and loading therapeutic extracellular vesicles for clinical translation: A data reporting frame for comparability. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113972.	6.6	36
16	Technological and translational challenges for extracellular vesicle in therapy and diagnosis. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114026.	6.6	2
17	Development of extracellular vesicle-based medicinal products: A position paper of the group "Extracellular Vesicle translation to clinical perspectives" EVOLVE France. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114001.	6.6	42
18	Thinking Quantitatively of RNA-Based Information Transfer via Extracellular Vesicles: Lessons to Learn for the Design of RNA-Loaded EVs. <i>Pharmaceutics</i> , 2021, 13, 1931.	2.0	12

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19	3D Magnetic Alignment of Cardiac Cells in Hydrogels. ACS Applied Bio Materials, 2020, 3, 6802-6810.	2.3	2
20	mTHPC-Loaded Extracellular Vesicles Significantly Improve mTHPC Diffusion and Photodynamic Activity in Preclinical Models. Pharmaceutics, 2020, 12, 676.	2.0	17
21	Plasmodium falciparum sexual parasites develop in human erythroblasts and affect erythropoiesis. Blood, 2020, 136, 1381-1393.	0.6	34
22	Physically-triggered nanosystems for therapy and diagnosis. Advanced Drug Delivery Reviews, 2019, 138, 1-2.	6.6	1
23	Iron Oxide Nanoflowers @ CuS Hybrids for Cancer Tri-Therapy: Interplay of Photothermal Therapy, Magnetic Hyperthermia and Photodynamic Therapy. Theranostics, 2019, 9, 1288-1302.	4.6	170
24	Extracellular vesicles for personalized medicine: The input of physically triggered production, loading and theranostic properties. Advanced Drug Delivery Reviews, 2019, 138, 247-258.	6.6	82
25	Targeted thermal therapy with genetically engineered magnetite magnetosomes@RGD: Photothermia is far more efficient than magnetic hyperthermia. Journal of Controlled Release, 2018, 279, 271-281.	4.8	110
26	Physical oncology: New targets for nanomedicine. Biomaterials, 2018, 150, 87-99.	5.7	36
27	Thermoresponsive Gel Embedded with Adipose Stem-Cell-Derived Extracellular Vesicles Promotes Esophageal Fistula Healing in a Thermo-Actuated Delivery Strategy. ACS Nano, 2018, 12, 9800-9814.	7.3	60
28	Modification of Extracellular Vesicles by Fusion with Liposomes for the Design of Personalized Biogenic Drug Delivery Systems. ACS Nano, 2018, 12, 6830-6842.	7.3	276
29	Magnetic (Hyper)Thermia or Photothermia? Progressive Comparison of Iron Oxide and Gold Nanoparticles Heating in Water, in Cells, and In Vivo. Advanced Functional Materials, 2018, 28, 1803660.	7.8	187
30	Intracellular Biodegradation of Ag Nanoparticles, Storage in Ferritin, and Protection by a Au Shell for Enhanced Photothermal Therapy. ACS Nano, 2018, 12, 6523-6535.	7.3	91
31	Extracellular Vesicle Production Loaded with Nanoparticles and Drugs in a Trade-off between Loading, Yield and Purity: Towards a Personalized Drug Delivery System. Advanced Biology, 2017, 1, e1700044.	3.0	28
32	Imaging and Therapeutic Potential of Extracellular Vesicles. , 2017, , 43-68.		8
33	Design of Magnetic Polymeric Particles as a Stimulus-Responsive System for Gastric Antimicrobial Therapy. AAPS PharmSciTech, 2017, 18, 2026-2036.	1.5	15
34	Nanoparticle-based hyperthermia, a local treatment modulating the tumor extracellular matrix. Pharmacological Research, 2017, 126, 123-137.	3.1	63
35	Designing 3D Mesenchymal Stem Cell Sheets Merging Magnetic and Fluorescent Features: When Cell Sheet Technology Meets Image-Guided Cell Therapy. Theranostics, 2016, 6, 739-751.	4.6	22
36	Cancer Cell Internalization of Gold Nanostars Impacts Their Photothermal Efficiency In Vitro and In Vivo: Toward a Plasmonic Thermal Fingerprint in Tumoral Environment. Advanced Healthcare Materials, 2016, 5, 1040-1048.	3.9	124

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37	Massive release of extracellular vesicles from cancer cells after photodynamic treatment or chemotherapy. <i>Scientific Reports</i> , 2016, 6, 35376.	1.6	98
38	Combining magnetic nanoparticles with cell derived microvesicles for drug loading and targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 645-655.	1.7	118
39	Combining Magnetic Hyperthermia and Photodynamic Therapy for Tumor Ablation with Photoresponsive Magnetic Liposomes. <i>ACS Nano</i> , 2015, 9, 2904-2916.	7.3	284
40	Magnetic drug carriers: bright insights from light-responsive magnetic liposomes. <i>Nanomedicine</i> , 2015, 10, 2797-2799.	1.7	8
41	Polysaccharide-based strategies for heart tissue engineering. <i>Carbohydrate Polymers</i> , 2015, 116, 267-277.	5.1	52
42	Strong and specific interaction of ultra small superparamagnetic iron oxide nanoparticles and human activated platelets mediated by fucoidan coating. <i>RSC Advances</i> , 2014, 4, 4864.	1.7	22
43	Heat-Generating Iron Oxide Nanocubes: Subtle "Deconstructors" of the Tumoral Microenvironment. <i>ACS Nano</i> , 2014, 8, 4268-4283.	7.3	200
44	Polysaccharide Nanosystems for Future Progress in Cardiovascular Pathologies. <i>Theranostics</i> , 2014, 4, 579-591.	4.6	49
45	Xyloglucan-Derivatized Films for the Culture of Adherent Cells and Their Thermocontrolled Detachment: A Promising Alternative to Cells Sensitive to Protease Treatment. <i>Biomacromolecules</i> , 2013, 14, 512-519.	2.6	14
46	Magnetic and Photoresponsive Theranosomes: Translating Cell-Released Vesicles into Smart Nanovectors for Cancer Therapy. <i>ACS Nano</i> , 2013, 7, 4954-4966.	7.3	105
47	Impact of Photosensitizers Activation on Intracellular Trafficking and Viscosity. <i>PLoS ONE</i> , 2013, 8, e84850.	1.1	7
48	Amphotericin B Microemulsion Reduces Toxicity and Maintains the Efficacy as an Antifungal Product. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 290-300.	0.5	23
49	Development of Superparamagnetic Microparticles for Biotechnological Purposes. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 1111-1116.	0.9	5
50	Drug Targeting and other Recent Applications of Magnetic Carriers in Therapeutics. <i>Key Engineering Materials</i> , 0, 441, 357-378.	0.4	5