

Duarte de Melo-Diogo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,549
citations

21
h-index

39
g-index

41
ext. papers

2,000
ext. citations

6.8
avg, IF

5.14
L-index

#	Paper	IF	Citations
39	Heptamethine Cyanine-Loaded Nanomaterials for Cancer Immuno-Photothermal/Photodynamic Therapy: A Review. <i>Pharmaceutics</i> , 2022 , 14, 1015	6.4	2
38	IR780 loaded gelatin-PEG coated gold core silica shell nanorods for cancer-targeted photothermal/photodynamic therapy. <i>Biotechnology and Bioengineering</i> , 2021 ,	4.9	1
37	HA/PEI-coated acridine orange-loaded gold-core silica shell nanorods for cancer-targeted photothermal and chemotherapy. <i>Nanomedicine</i> , 2021 , 16, 2569-2586	5.6	2
36	Poly(2-ethyl-2-oxazoline) functionalized reduced graphene oxide: Optimization of the reduction process using dopamine and application in cancer photothermal therapy. <i>Materials Science and Engineering C</i> , 2021 , 130, 112468	8.3	3
35	Sulfobetaine methacrylate-albumin-coated graphene oxide incorporating IR780 for enhanced breast cancer phototherapy. <i>Nanomedicine</i> , 2021 , 16, 453-464	5.6	2
34	Combining Photothermal-Photodynamic Therapy Mediated by Nanomaterials with Immune Checkpoint Blockade for Metastatic Cancer Treatment and Creation of Immune Memory. <i>Advanced Functional Materials</i> , 2021 , 31, 2010777	15.6	11
33	Combinatorial delivery of doxorubicin and acridine orange by gold core silica shell nanospheres functionalized with poly(ethylene glycol) and 4-methoxybenzamide for cancer targeted therapy. <i>Journal of Inorganic Biochemistry</i> , 2021 , 219, 111433	4.2	3
32	Mitoxantrone-loaded lipid nanoparticles for breast cancer therapy - Quality-by-design approach and efficacy assessment in 2D and 3D in vitro cancer models. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 121044	6.5	8
31	The importance of spheroids in analyzing nanomedicine efficacy. <i>Nanomedicine</i> , 2020 , 15, 1513-1525	5.6	12
30	Inorganic-based drug delivery systems for cancer therapy 2020 , 283-316		4
29	Prototypic Heptamethine Cyanine Incorporating Nanomaterials for Cancer Phototheragnostic. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901665	10.1	40
28	Influence of and Agitation Conditions in the Fluorescence Imaging of 3D Spheroids. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	1
27	IR780 loaded sulfobetaine methacrylate-functionalized albumin nanoparticles aimed for enhanced breast cancer phototherapy. <i>International Journal of Pharmaceutics</i> , 2020 , 582, 119346	6.5	17
26	Assessing the Combinatorial Chemo-Photothermal Therapy Mediated by Sulfobetaine Methacrylate-Functionalized Nanoparticles in 2D and 3D In Vitro Cancer Models. <i>Biotechnology Journal</i> , 2020 , 15, e2000219	5.6	5
25	Sulfobetaine methacrylate-functionalized graphene oxide-IR780 nanohybrids aimed at improving breast cancer phototherapy.. <i>RSC Advances</i> , 2020 , 10, 38621-38630	3.7	10
24	Injectable in situ forming thermo-responsive graphene based hydrogels for cancer chemo-photothermal therapy and NIR light-enhanced antibacterial applications. <i>Materials Science and Engineering C</i> , 2020 , 117, 111294	8.3	33
23	Graphene family nanomaterials for application in cancer combination photothermal therapy. <i>Biomaterials Science</i> , 2019 , 7, 3534-3551	7.4	65

22	Green reduced graphene oxide functionalized 3D printed scaffolds for bone tissue regeneration. <i>Carbon</i> , 2019 , 146, 513-523	10.4	36
21	Hyaluronic acid functionalized nanoparticles loaded with IR780 and DOX for cancer chemo-photothermal therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 137, 86-94	5.7	42
20	Establishment of 2D Cell Cultures Derived From 3D MCF-7 Spheroids Displaying a Doxorubicin Resistant Profile. <i>Biotechnology Journal</i> , 2019 , 14, e1800268	5.6	10
19	In vitro characterization of 3D printed scaffolds aimed at bone tissue regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 165, 207-218	6	40
18	ClearT immersion optical clearing method for intact 3D spheroids imaging through confocal laser scanning microscopy. <i>Optics and Laser Technology</i> , 2018 , 106, 94-99	4.2	14
17	IR780 based nanomaterials for cancer imaging and photothermal, photodynamic and combinatorial therapies. <i>International Journal of Pharmaceutics</i> , 2018 , 542, 164-175	6.5	70
16	Spheroids Formation on Non-Adhesive Surfaces by Liquid Overlay Technique: Considerations and Practical Approaches. <i>Biotechnology Journal</i> , 2018 , 13, 1700417	5.6	62
15	Hyaluronic acid functionalized green reduced graphene oxide for targeted cancer photothermal therapy. <i>Carbohydrate Polymers</i> , 2018 , 200, 93-99	10.3	72
14	Functionalization of graphene family nanomaterials for application in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 260-275	6	51
13	POxylated graphene oxide nanomaterials for combination chemo-phototherapy of breast cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 131, 162-169	5.7	38
12	Polyethylene glycol molecular weight influences the ClearT2 optical clearing method for spheroids imaging by confocal laser scanning microscopy. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-11	3.5	7
11	Comparative study of the therapeutic effect of Doxorubicin and Resveratrol combination on 2D and 3D (spheroids) cell culture models. <i>International Journal of Pharmaceutics</i> , 2018 , 551, 76-83	6.5	25
10	IR780-loaded TPGS-TOS micelles for breast cancer photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 113, 108-117	5.7	61
9	D- α -tocopheryl polyethylene glycol 1000 succinate functionalized nanographene oxide for cancer therapy. <i>Nanomedicine</i> , 2017 , 12, 443-456	5.6	31
8	Strategies to Improve Cancer Photothermal Therapy Mediated by Nanomaterials. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700073	10.1	142
7	3D tumor spheroids: an overview on the tools and techniques used for their analysis. <i>Biotechnology Advances</i> , 2016 , 34, 1427-1441	17.8	329
6	Multifunctional nanocarriers for codelivery of nucleic acids and chemotherapeutics to cancer cells 2016 , 163-207		4
5	Bioreducible poly(2-ethyl-2-oxazoline)-PLA-PEI-SS triblock copolymer micelles for co-delivery of DNA minicircles and Doxorubicin. <i>Journal of Controlled Release</i> , 2015 , 213, 175-191	11.7	68

4	Minicircle DNA vectors for gene therapy: advances and applications. <i>Expert Opinion on Biological Therapy</i> , 2015 , 15, 353-79	5-4	56
3	Combinatorial delivery of Crizotinib-Palbociclib-Sildenafil using TPGS-PLA micelles for improved cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 718-29	5-7	45
2	Preparation of end-capped pH-sensitive mesoporous silica nanocarriers for on-demand drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 1012-25	5-7	56
1	Poly(2-ethyl-2-oxazoline)-PLA-g-PEI amphiphilic triblock micelles for co-delivery of minicircle DNA and chemotherapeutics. <i>Journal of Controlled Release</i> , 2014 , 189, 90-104	11-7	69