

VÃ-tor M Gaspar

List of Publications by Year in descending order

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36
papers

2,171
citations

279701

23
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377752

34
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37
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docs citations

37
times ranked

3306
citing authors

#	ARTICLE	IF	CITATIONS
1	3D tumor spheroids: an overview on the tools and techniques used for their analysis. <i>Biotechnology Advances</i> , 2016, 34, 1427-1441.	6.0	579
2	Stimuli-Responsive Nanocomposite Hydrogels for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2005941.	7.8	234
3	Advanced Bottom-Up Engineering of Living Architectures. <i>Advanced Materials</i> , 2020, 32, e1903975.	11.1	127
4	Optimization of liquid overlay technique to formulate heterogenic 3D co-cultures models. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1672-1685.	1.7	113
5	Stimuli-responsive nanocarriers for delivery of bone therapeutics – Barriers and progresses. <i>Journal of Controlled Release</i> , 2018, 273, 51-67.	4.8	84
6	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.	4.8	75
7	Bioreducible poly(2-ethyl-2-oxazoline)-PLA-SS triblock copolymer micelles for co-delivery of DNA minicircles and Doxorubicin. <i>Journal of Controlled Release</i> , 2015, 213, 175-191.	4.8	75
8	In-air production of 3D co-culture tumor spheroid hydrogels for expedited drug screening. <i>Acta Biomaterialia</i> , 2019, 94, 392-409.	4.1	72
9	Hydrogel 3D in vitro tumor models for screening cell aggregation mediated drug response. <i>Biomaterials Science</i> , 2020, 8, 1855-1864.	2.6	70
10	Nanoparticle mediated delivery of pure P53 supercoiled plasmid DNA for gene therapy. <i>Journal of Controlled Release</i> , 2011, 156, 212-222.	4.8	63
11	Preparation of end-capped pH-sensitive mesoporous silica nanocarriers for on-demand drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 1012-1025.	2.0	61
12	Combinatorial delivery of Crizotinib-Palbociclib-Sildenafil using TPGS-PLA micelles for improved cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 718-729.	2.0	53
13	Bioinspired bone therapies using naringin: applications and advances. <i>Drug Discovery Today</i> , 2018, 23, 1293-1304.	3.2	49
14	Folate-Targeted Multifunctional Amino Acid-Chitosan Nanoparticles for Improved Cancer Therapy. <i>Pharmaceutical Research</i> , 2015, 32, 562-577.	1.7	48
15	GelMA/bioactive silica nanocomposite bioinks for stem cell osteogenic differentiation. <i>Biofabrication</i> , 2021, 13, 035012.	3.7	48
16	Evaluation of Nanoparticle Uptake in Co-culture Cancer Models. <i>PLoS ONE</i> , 2013, 8, e70072.	1.1	48
17	Proteinaceous Hydrogels for Bioengineering Advanced 3D Tumor Models. <i>Advanced Science</i> , 2021, 8, 2003129.	5.6	41
18	Gas-generating TPGS-PLGA microspheres loaded with nanoparticles (NIMPS) for co-delivery of minicircle DNA and anti-tumoral drugs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 287-294.	2.5	39

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19	Co-delivery of Sildenafil (Viagra®) and Crizotinib for Synergistic and Improved Anti-tumoral Therapy. <i>Pharmaceutical Research</i> , 2014, 31, 2516-2528.	1.7	33
20	Synthesis and characterization of micelles as carriers of non-steroidal anti-inflammatory drugs (NSAID) for application in breast cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 375-383.	2.5	29
21	Mechanochemical Patternable ECM-mimetic Hydrogels for Programmed Cell Orientation. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901860.	3.9	29
22	Natural Origin Biomaterials for 4D Bioprinting Tissue-like Constructs. <i>Advanced Materials Technologies</i> , 2021, 6, 2100168.	3.0	27
23	Improved Minicircle DNA Biosynthesis for Gene Therapy Applications. <i>Human Gene Therapy Methods</i> , 2014, 25, 93-105.	2.1	25
24	Organotypic 3D decellularized matrix tumor spheroids for high-throughput drug screening. <i>Biomaterials</i> , 2021, 275, 120983.	5.7	25
25	Bioinstructive Naringin-loaded Micelles for Guiding Stem Cell Osteodifferentiation. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800890.	3.9	19
26	Screening of dual chemo-photothermal cellular nanotherapies in organotypic breast cancer 3D spheroids. <i>Journal of Controlled Release</i> , 2021, 331, 85-102.	4.8	19
27	Self-Assembled Bioactive Colloidal Gels as Injectable Multiparticle Shedding Platforms. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31282-31291.	4.0	15
28	Sensitive Detection of Peptide-mimicircle DNA Interactions by Surface Plasmon Resonance. <i>Analytical Chemistry</i> , 2013, 85, 2304-2311.	3.2	11
29	Mesenchymal Stem Cells Relevance in Multicellular Bioengineered 3D In Vitro Tumor Models. <i>Biotechnology Journal</i> , 2017, 12, 1700079.	1.8	10
30	Temperature-responsive nanomagnetic logic gates for cellular hyperthermia. <i>Materials Horizons</i> , 2019, 6, 524-530.	6.4	9
31	Programmable Living Units for Emulating Pancreatic Tumor-stroma Interplay. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102574.	3.9	9
32	G9a inhibition by CM-272: Developing a novel anti-tumoral strategy for castration-resistant prostate cancer using 2D and 3D in vitro models. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113031.	2.5	9
33	Engineering mammalian living materials towards clinically relevant therapeutics. <i>EBioMedicine</i> , 2021, 74, 103717.	2.7	8
34	Advances in bioengineering pancreatic tumor-stroma physiomimetic Biomodels. <i>Biomaterials</i> , 2022, 287, 121653.	5.7	7
35	Multifunctional nanocarriers for codelivery of nucleic acids and chemotherapeutics to cancer cells. , 2016, , 163-207.		5
36	Bioinspired biomaterials to develop cell-rich spherical microtissues for 3D in vitro tumor modeling. , 2020, , 43-65.		3