Eduardo Ruiz-HernÃ¡ndez

List of Publications by Year
in descending order

29 papers	2,064 citations	394421 19 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	3834 citing authors

#	Article	IF	Citations
1	Bioceramics: From Bone Regeneration to Cancer Nanomedicine. Advanced Materials, 2011, 23, 5177-5218.	21.0	373
2	Smart Drug Delivery through DNA/Magnetic Nanoparticle Gates. ACS Nano, 2011, 5, 1259-1266.	14.6	366
3	Magnetically Triggered Multidrug Release by Hybrid Mesoporous Silica Nanoparticles. Chemistry of Materials, 2012, 24, 517-524.	6.7	312
4	Drug and cell delivery for cardiac regeneration. Advanced Drug Delivery Reviews, 2015, 84, 85-106.	13.7	170
5	Magnetic mesoporous silica-based core/shell nanoparticles for biomedical applications. RSC Advances, 2013, 3, 9584.	3.6	123
6	Nanomedicines for advanced cancer treatments: Transitioning towards responsive systems. International Journal of Pharmaceutics, 2016, 515, 132-164.	5.2	83
7	Hyperthermiaâ€Induced Drug Delivery from Thermosensitive Liposomes Encapsulated in an Injectable Hydrogel for Local Chemotherapy. Advanced Healthcare Materials, 2014, 3, 854-859.	7.6	64
8	Biomaterialâ€Enhanced Cell and Drug Delivery: Lessons Learned in the Cardiac Field and Future Perspectives. Advanced Materials, 2016, 28, 5648-5661.	21.0	63
9	A stimuli responsive liposome loaded hydrogel provides flexible on-demand release of therapeutic agents. Acta Biomaterialia, 2017, 48, 110-119.	8.3	57
10	Supramolecular mechanisms in the synthesis of mesoporous magnetic nanospheres for hyperthermia. Journal of Materials Chemistry, 2012, 22, 64-72.	6.7	45
11	Thermally triggered release of a pro-osteogenic peptide from a functionalized collagen-based scaffold using thermosensitive liposomes. Journal of Controlled Release, 2014, 187, 158-166.	9.9	45
12	Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications. Journal of Controlled Release, 2021, 337, 193-211.	9.9	45
13	Covalently bonded dendrimer-maghemite nanosystems: nonviral vectors for in vitro gene magnetofection. Journal of Materials Chemistry, 2011, 21, 4598.	6.7	42
14	A collagen cardiac patch incorporating alginate microparticles permits the controlled release of hepatocyte growth factor and insulin-like growth factor-1 to enhance cardiac stem cell migration and proliferation. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e384-e394.	2.7	42
15	Mesoporous Microspheres with Doubly Ordered Coreâ^'Shell Structure. Chemistry of Materials, 2009, 21, 18-20.	6.7	36
16	Cancer nanomedicine meets immunotherapy: opportunities and challenges. Acta Pharmacologica Sinica, 2020, 41, 954-958.	6.1	33
17	In VitroPositive Biocompatibility Evaluation of Glassâ€“Glass Ceramic Thermoseeds for Hyperthermic Treatment of Bone Tumors. Tissue Engineering - Part A, 2008, 14, 617-627.	3.1	26
18	Amino-Functionalized Mesoporous Silica Nanoparticle-Encapsulated Octahedral Organoruthenium Complex as an Efficient Platform for Combatting Cancer. Inorganic Chemistry, 2020, 59, 10275-10284.	4.0	26

#	Article	IF	Citations
19	Design of Smart Nanomaterials for Drug and Gene Delivery. Journal of Biomaterials and Tissue Engineering, 2011, 1, 6-29.	0.1	20
20	In vitro evaluation of glassâ€“glass ceramic thermoseedâ€induced hyperthermia on human osteosarcoma cell line. Journal of Biomedical Materials Research - Part A, 2012, 100A, 64-71.	4.0	19
21	Biocompatible copolymer formulations to treat glioblastoma multiforme. Acta Biomaterialia, 2021, 121, 89-102.	8.3	18
22	PEG-pHPMAm-based polymeric micelles loaded with doxorubicin-prodrugs in combination antitumor therapy with oncolytic vaccinia viruses. Polymer Chemistry, 2014, 5, 1674-1681.	3.9	17
23	Lipogels responsive to near-infrared light for the triggered release of therapeutic agents. Acta Biomaterialia, 2017, 61, 54-65.	8.3	14
24	Insulin-like growth factor-1 (IGF-1) poly (lactic-co-glycolic acid) (PLGA) microparticles â€“ development, characterisation, and in vitro assessment of bioactivity for cardiac applications. Journal of Microencapsulation, 2019, 36, 267-277.	2.8	10
25	RGD-decorated cholesterol stabilized polyplexes for targeted siRNA delivery to glioblastoma cells. Drug Delivery and Translational Research, 2019, 9, 679-693.	5.8	7
26	Syntesis of Mesoporous Microparticles for Biomedical Applications. Key Engineering Materials, 0, 377, 181-194.	0.4	3
27	Enhancing medial layer recellularization of tissue-engineered blood vessels using radial microchannels. Regenerative Medicine, 2019, 14, 1013-1028.	1.7	3
28	Multifunctional Nano and Microparticles for Drug Delivery Systems. Key Engineering Materials, 2010, 441, 333-355.	0.4	2
29	ANGI-08. TARGETING THE RhoGEF BETA-PIX TO ENHANCE THE ACTIVITY OF BEVACIZUMAB IN GLIOBLASTOMA: A NANOPARTICLE MEDIATED GENE SILENCING APPROACH. Neuro-Oncology, 2018, 20, vi29-vi30.	1.2	0