

# Eduardo Ruiz-Hernández

## List of Publications by Year in descending order

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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	Biocompatible copolymer formulations to treat glioblastoma multiforme. <i>Acta Biomaterialia</i> , 2021, 121, 89-102.	8.3	18
2	Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications. <i>Journal of Controlled Release</i> , 2021, 337, 193-211.	9.9	45
3	Cancer nanomedicine meets immunotherapy: opportunities and challenges. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 954-958.	6.1	33
4	Amino-Functionalized Mesoporous Silica Nanoparticle-Encapsulated Octahedral Organoruthenium Complex as an Efficient Platform for Combatting Cancer. <i>Inorganic Chemistry</i> , 2020, 59, 10275-10284.	4.0	26
5	Insulin-like growth factor-1 (IGF-1) poly (lactic-co-glycolic acid) (PLGA) microparticles – development, characterisation, and <i>in vitro</i> assessment of bioactivity for cardiac applications. <i>Journal of Microencapsulation</i> , 2019, 36, 267-277.	2.8	10
6	RGD-decorated cholesterol stabilized polyplexes for targeted siRNA delivery to glioblastoma cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 679-693.	5.8	7
7	Enhancing medial layer recellularization of tissue-engineered blood vessels using radial microchannels. <i>Regenerative Medicine</i> , 2019, 14, 1013-1028.	1.7	3
8	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. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e384-e394.	2.7	42
9	ANGI-08. TARGETING THE RhoGEF BETA-PIX TO ENHANCE THE ACTIVITY OF BEVACIZUMAB IN GLIOBLASTOMA: A NANOPARTICLE MEDIATED GENE SILENCING APPROACH. <i>Neuro-Oncology</i> , 2018, 20, vi29-vi30.	1.2	0
10	Lipogels responsive to near-infrared light for the triggered release of therapeutic agents. <i>Acta Biomaterialia</i> , 2017, 61, 54-65.	8.3	14
11	A stimuli responsive liposome loaded hydrogel provides flexible on-demand release of therapeutic agents. <i>Acta Biomaterialia</i> , 2017, 48, 110-119.	8.3	57
12	Nanomedicines for advanced cancer treatments: Transitioning towards responsive systems. <i>International Journal of Pharmaceutics</i> , 2016, 515, 132-164.	5.2	83
13	Biomaterial-Enhanced Cell and Drug Delivery: Lessons Learned in the Cardiac Field and Future Perspectives. <i>Advanced Materials</i> , 2016, 28, 5648-5661.	21.0	63
14	Drug and cell delivery for cardiac regeneration. <i>Advanced Drug Delivery Reviews</i> , 2015, 84, 85-106.	13.7	170
15	Hyperthermia-Induced Drug Delivery from Thermosensitive Liposomes Encapsulated in an Injectable Hydrogel for Local Chemotherapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 854-859.	7.6	64
16	PEG-pHPMAm-based polymeric micelles loaded with doxorubicin-prodrugs in combination antitumor therapy with oncolytic vaccinia viruses. <i>Polymer Chemistry</i> , 2014, 5, 1674-1681.	3.9	17
17	Thermally triggered release of a pro-osteogenic peptide from a functionalized collagen-based scaffold using thermosensitive liposomes. <i>Journal of Controlled Release</i> , 2014, 187, 158-166.	9.9	45
18	Magnetic mesoporous silica-based core/shell nanoparticles for biomedical applications. <i>RSC Advances</i> , 2013, 3, 9584.	3.6	123

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19	Supramolecular mechanisms in the synthesis of mesoporous magnetic nanospheres for hyperthermia. <i>Journal of Materials Chemistry</i> , 2012, 22, 64-72.	6.7	45
20	Magnetically Triggered Multidrug Release by Hybrid Mesoporous Silica Nanoparticles. <i>Chemistry of Materials</i> , 2012, 24, 517-524.	6.7	312
21	<i>In vitro</i> evaluation of glass-ceramic thermoseed-induced hyperthermia on human osteosarcoma cell line. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 64-71.	4.0	19
22	Covalently bonded dendrimer-maghemite nanosystems: nonviral vectors for <i>in vitro</i> gene magnetofection. <i>Journal of Materials Chemistry</i> , 2011, 21, 4598.	6.7	42
23	Smart Drug Delivery through DNA/Magnetic Nanoparticle Gates. <i>ACS Nano</i> , 2011, 5, 1259-1266.	14.6	366
24	Bioceramics: From Bone Regeneration to Cancer Nanomedicine. <i>Advanced Materials</i> , 2011, 23, 5177-5218.	21.0	373
25	Design of Smart Nanomaterials for Drug and Gene Delivery. <i>Journal of Biomaterials and Tissue Engineering</i> , 2011, 1, 6-29.	0.1	20
26	Multifunctional Nano and Microparticles for Drug Delivery Systems. <i>Key Engineering Materials</i> , 2010, 441, 333-355.	0.4	2
27	Mesoporous Microspheres with Doubly Ordered Core-Shell Structure. <i>Chemistry of Materials</i> , 2009, 21, 18-20.	6.7	36
28	<i>In Vitro</i> Positive Biocompatibility Evaluation of Glass-Ceramic Thermoseeds for Hyperthermic Treatment of Bone Tumors. <i>Tissue Engineering - Part A</i> , 2008, 14, 617-627.	3.1	26
29	Synthesis of Mesoporous Microparticles for Biomedical Applications. <i>Key Engineering Materials</i> , 0, 377, 181-194.	0.4	3