

Vladimir Mulens-Arias

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

861
citations

567247

15
h-index

610883

24
g-index

25
all docs

25
docs citations

25
times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Nimotuzumab plus radiotherapy for unresectable squamous-cell carcinoma of the head and neck. <i>Cancer Biology and Therapy</i> , 2010, 9, 343-349.	3.4	142
2	Polyethylenimine-coated SPIONs trigger macrophage activation through TLR-4 signaling and ROS production and modulate podosome dynamics. <i>Biomaterials</i> , 2015, 52, 494-506.	11.4	122
3	Superparamagnetic iron oxide nanoparticle uptake alters M2 macrophage phenotype, iron metabolism, migration and invasion. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1127-1138.	3.3	87
4	Extracellular vesicles for personalized medicine: The input of physically triggered production, loading and theranostic properties. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 247-258.	13.7	82
5	NKG2D ligand overexpression in lupus nephritis correlates with increased NK cell activity and differentiation in kidneys but not in the periphery. <i>Journal of Leukocyte Biology</i> , 2015, 97, 583-598.	3.3	46
6	Polyethylenimine-coated superparamagnetic iron oxide nanoparticles impair in vitro and in vivo angiogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102063.	3.3	43
7	The Use of Iron Oxide Nanoparticles to Reprogram Macrophage Responses and the Immunological Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 693709.	4.8	40
8	Development of Magnetic Nanoparticles for Cancer Gene Therapy: A Comprehensive Review. <i>ISRN Nanomaterials</i> , 2013, 2013, 1-14.	0.7	37
9	Immunogenicity and safety of a NeuGcGM3 based cancer vaccine: Results from a controlled study in metastatic breast cancer patients.. <i>Hum Vaccin</i> , 2010, 6, 736-744.	2.4	36
10	Polyethyleneimine-assisted one-pot synthesis of quasi-fractal plasmonic gold nanocomposites as a photothermal theranostic agent. <i>Nanoscale</i> , 2019, 11, 3344-3359.	5.6	34
11	Polyethylenimine-coated SPION exhibits potential intrinsic anti-metastatic properties inhibiting migration and invasion of pancreatic tumor cells. <i>Journal of Controlled Release</i> , 2015, 216, 78-92.	9.9	29
12	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.	14.6	28
13	The Intrinsic Biological Identities of Iron Oxide Nanoparticles and Their Coatings: Unexplored Territory for Combinatorial Therapies. <i>Nanomaterials</i> , 2020, 10, 837.	4.1	25
14	Immunogenicity and safety of a NeuGcGM3 based cancer vaccine: Results from a controlled study in metastatic breast cancer patients. <i>Hum Vaccin</i> , 2010, 6, .	2.4	23
15	The surface coating of iron oxide nanoparticles drives their intracellular trafficking and degradation in endolysosomes differently depending on the cell type. <i>Biomaterials</i> , 2022, 281, 121365.	11.4	23
16	Theranostic Iron Oxide Nanoparticle Cargo Defines Extracellular Vesicle-Dependent Modulation of Macrophage Activation and Migratory Behavior. <i>Advanced Biology</i> , 2018, 2, 1800079.	3.0	11
17	Rational Design of Fractal Gold Nanosphere Assemblies with Optimized Photothermal Conversion Using a Quantitative Structure Property Relationship (QSPR) Approach. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8938-8948.	3.1	10
18	PI3K p85 β^2 regulatory subunit deficiency does not affect NK cell differentiation and increases NKG2D-mediated activation. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1285-1296.	3.3	9

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19	Immunologic Response Elicited in Breast Cancer Patients Receiving a NeuGcGM3-based Vaccine as Adjuvant Therapy. <i>Journal of Immunotherapy</i> , 2017, 40, 289-301.	2.4	8
20	Disturbance of adhesomes by gold nanoparticles reveals a size- and cell type-bias. <i>Biomaterials Science</i> , 2019, 7, 389-408.	5.4	8
21	Endocytosis-driven gold nanoparticle fractal rearrangement in cells and its influence on photothermal conversion. <i>Nanoscale</i> , 2020, 12, 21832-21849.	5.6	8
22	Multiphoton imaging of melanoma 3D models with plasmonic nanocapsules. <i>Acta Biomaterialia</i> , 2022, 142, 308-319.	8.3	7
23	PI3K p110 β Is Expressed by gp38 α ⁺ CD31 ⁺ and gp38 ⁺ CD31 ⁺ Spleen Stromal Cells and Regulates Their CCL19, CCL21, and LT β R mRNA Levels. <i>PLoS ONE</i> , 2013, 8, e72960.	2.5	2
24	Dissecting the Inorganic Nanoparticle-Driven Interferences on Adhesome Dynamics. <i>Journal of Nanotheranostics</i> , 2021, 2, 174-195.	3.1	1
25	2110 POSTER Active specific immunotherapy with NGcGM3/ VSSP/ Montanide ISA-51 (CIMAVaxG) vaccine in the treatment of patients with metastatic breast cancer: Results of a randomized phase II clinical trial. <i>European Journal of Cancer, Supplement</i> , 2007, 5, 217.	2.2	0