

Roberto Molinaro

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,182
citations

218677

26
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

5173
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Acylamino-Î²-lactone N-Acylethanolamine-hydrolyzing Acid Amidase Inhibitors Encapsulated in PLGA Nanoparticles: Improvement of the Physical Stability and Protection of Human Cells from Hydrogen Peroxide-Induced Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 686.	5.1	7
2	Vascular Inflammation: A Novel Access Route for Nanomedicine. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 169.	1.0	25
3	Analysis of the Human Plasma Proteome Using Multi-Particle Protein Corona for Detection of Alzheimer's Disease. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000948.	7.6	19
4	Recent Advances of Taxol-Loaded Biocompatible Nanocarriers Embedded in Natural Polymer-Based Hydrogels. <i>Gels</i> , 2021, 7, 33.	4.5	18
5	Lysyl oxidase engineered lipid nanovesicles for the treatment of triple negative breast cancer. <i>Scientific Reports</i> , 2021, 11, 5107.	3.3	37
6	Targeted delivery of protein arginine deiminase-4 inhibitors to limit arterial intimal NETosis and preserve endothelial integrity. <i>Cardiovascular Research</i> , 2021, 117, 2652-2663.	3.8	24
7	Prunus spinosa Extract Loaded in Biomimetic Nanoparticles Evokes In Vitro Anti-Inflammatory and Wound Healing Activities. <i>Nanomaterials</i> , 2021, 11, 36.	4.1	17
8	Biomaterials and nanomedicine for bone regeneration: Progress and future prospects. <i>Exploration</i> , 2021, 1, 20210011.	11.0	90
9	LDL-Based Lipid Nanoparticle Derived for Blood Plasma Accumulates Preferentially in Atherosclerotic Plaque. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 794676.	4.1	3
10	Rapamycin-Loaded Biomimetic Nanoparticles Reverse Vascular Inflammation. <i>Circulation Research</i> , 2020, 126, 25-37.	4.5	106
11	Leukocyte-mimicking nanovesicles for effective doxorubicin delivery to treat breast cancer and melanoma. <i>Biomaterials Science</i> , 2020, 8, 333-341.	5.4	59
12	Phosphoprotein-based biomarkers as predictors for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18401-18411.	7.1	25
13	Biomimetic Nanoparticles Potentiate the Anti-Inflammatory Properties of Dexamethasone and Reduce the Cytokine Storm Syndrome: An Additional Weapon against COVID-19?. <i>Nanomaterials</i> , 2020, 10, 2301.	4.1	33
14	Long noncoding RNA <i>SNHG12</i> integrates a DNA-PK-mediated DNA damage response and vascular senescence. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	91
15	Biohybrid Nanoparticles to Negotiate with Biological Barriers. <i>Small</i> , 2019, 15, e1902333.	10.0	22
16	Macrophage-derived nanovesicles exert intrinsic anti-inflammatory properties and prolong survival in sepsis through a direct interaction with macrophages. <i>Nanoscale</i> , 2019, 11, 13576-13586.	5.6	51
17	Improvement of the therapeutic treatment of inflammatory bowel diseases following rectal administration of mesalazine-loaded chitosan microparticles vs Asamax®. <i>Carbohydrate Polymers</i> , 2019, 212, 430-438.	10.2	25
18	Development and In Vivo Evaluation of Multidrug Ultradeformable Vesicles for the Treatment of Skin Inflammation. <i>Pharmaceutics</i> , 2019, 11, 644.	4.5	17

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19	Preclinical three-dimensional colorectal cancer model: The next generation of in vitro drug efficacy evaluation. <i>Journal of Cellular Physiology</i> , 2019, 234, 181-191.	4.1	22
20	Design and Development of Biomimetic Nanovesicles Using a Microfluidic Approach. <i>Advanced Materials</i> , 2018, 30, e1702749.	21.0	100
21	Roles of PAD4 and NETosis in Experimental Atherosclerosis and Arterial Injury. <i>Circulation Research</i> , 2018, 123, 33-42.	4.5	205
22	Inflammation and Cancer: In Medio Stat Nano. <i>Current Medicinal Chemistry</i> , 2018, 25, 4208-4223.	2.4	22
23	Jak-1-ing Up the Plaque's Lipid Core and Even More. <i>Circulation Research</i> , 2018, 123, 1180-1182.	4.5	9
24	Nanoparticles targeting extra domain B of fibronectin-specific to the atherosclerotic lesion types III, IV, and V-enhance plaque detection and cargo delivery. <i>Theranostics</i> , 2018, 8, 6008-6024.	10.0	19
25	Post-insertion parameters of PEG-derivatives in phosphocholine-liposomes. <i>International Journal of Pharmaceutics</i> , 2018, 552, 414-421.	5.2	29
26	Microfluidic Assembly of Liposomes with Tunable Size and Coloading Capabilities. <i>Methods in Molecular Biology</i> , 2018, 1792, 205-214.	0.9	10
27	Biomimetic nanoparticles with enhanced affinity towards activated endothelium as versatile tools for theranostic drug delivery. <i>Theranostics</i> , 2018, 8, 1131-1145.	10.0	89
28	Roles of PAD4 and netosis in experimental atherosclerosis and arterial injury: Implications for superficial erosion. <i>Atherosclerosis</i> , 2018, 275, e11.	0.8	2
29	Personalized protein corona on nanoparticles and its clinical implications. <i>Biomaterials Science</i> , 2017, 5, 378-387.	5.4	227
30	Unveiling the in Vivo Protein Corona of Circulating Leukocyte-like Carriers. <i>ACS Nano</i> , 2017, 11, 3262-3273.	14.6	124
31	Bio-inspired engineering of cell- and virus-like nanoparticles for drug delivery. <i>Biomaterials</i> , 2017, 147, 155-168.	11.4	199
32	Engineered biomimetic nanovesicles show intrinsic anti-inflammatory properties for the treatment of inflammatory bowel diseases. <i>Nanoscale</i> , 2017, 9, 14581-14591.	5.6	57
33	Effects of the protein corona on liposome-liposome and liposome-cell interactions. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3049-3063.	6.7	67
34	Biomimetic proteolipid vesicles for targeting inflamed tissues. <i>Nature Materials</i> , 2016, 15, 1037-1046.	27.5	327
35	Biomimetic carriers mimicking leukocyte plasma membrane to increase tumor vasculature permeability. <i>Scientific Reports</i> , 2016, 6, 34422.	3.3	92
36	The impact of nanoparticle protein corona on cytotoxicity, immunotoxicity and target drug delivery. <i>Nanomedicine</i> , 2016, 11, 81-100.	3.3	499

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37	Abstract 3910: Biomimetic proteo-lipid vesicles for the treatment of melanoma. , 2016, , .		0
38	Mild Hyperthermia Enhances Transport of Liposomal Gemcitabine and Improves In Vivo Therapeutic Response. <i>Advanced Healthcare Materials</i> , 2015, 4, 1092-1103.	7.6	56
39	Enabling cytoplasmic delivery and organelle targeting by surface modification of nanocarriers. <i>Nanomedicine</i> , 2015, 10, 1923-1940.	3.3	70
40	Proteomic Profiling of a Biomimetic Drug Delivery Platform. <i>Current Drug Targets</i> , 2015, 16, 1540-1547.	2.1	37
41	Physicochemical features and transfection properties of chitosan/poloxamer 188/poly(D,L-lactide-co-glycolide) nanoplexes. <i>International Journal of Nanomedicine</i> , 2014, 9, 2359.	6.7	41
42	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014, 31, 501-507.	2.8	80
43	Abstract 4586: The Leukosome: A biomimetic liposome for the targeting of inflamed tumor vasculature. <i>Cancer Research</i> , 2014, 74, 4586-4586.	0.9	1
44	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1653-1668.	5.0	65
45	Supramolecular devices to improve the treatment of brain diseases. <i>Drug Discovery Today</i> , 2011, 16, 311-324.	6.4	49