

# Marie Morille

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,008  
citations

361045

20  
h-index

395343

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in developing cationic vectors for non-viral systemic gene therapy against cancer. <i>Biomaterials</i> , 2008, 29, 3477-3496.	5.7	737
2	Implication of oxidative stress in size-dependent toxicity of silica nanoparticles in kidney cells. <i>Toxicology</i> , 2012, 299, 112-124.	2.0	141
3	Long-circulating DNA lipid nanocapsules as new vector for passive tumor targeting. <i>Biomaterials</i> , 2010, 31, 321-329.	5.7	110
4	Transferrin Adsorption onto PLGA Nanoparticles Governs Their Interaction with Biological Systems from Blood Circulation to Brain Cancer Cells. <i>Pharmaceutical Research</i> , 2012, 29, 1495-1505.	1.7	95
5	Non-viral gene activated matrices for mesenchymal stem cells based tissue engineering of bone and cartilage. <i>Biomaterials</i> , 2016, 104, 223-237.	5.7	90
6	New PLGA-PLGA matrix enhances TGF- $\beta$ 3 release from pharmacologically active microcarriers and promotes chondrogenesis of mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2013, 170, 99-110.	4.8	80
7	PLGA-based microcarriers induce mesenchymal stem cell chondrogenesis and stimulate cartilage repair in osteoarthritis. <i>Biomaterials</i> , 2016, 88, 60-69.	5.7	77
8	Quercetin topical application, from conventional dosage forms to nanodosage forms. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 41-53.	2.0	73
9	Treatment of 9L Gliosarcoma in Rats by Ferrociphenol-Loaded Lipid Nanocapsules Based on a Passive Targeting Strategy via the EPR Effect. <i>Pharmaceutical Research</i> , 2011, 28, 3189-3198.	1.7	62
10	Dermal quercetin smartCrystals <sup>®</sup> : Formulation development, antioxidant activity and cellular safety. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 51-63.	2.0	62
11	Post-production modifications of murine mesenchymal stem cell (mMSC) derived extracellular vesicles (EVs) and impact on their cellular interaction. <i>Biomaterials</i> , 2020, 231, 119675.	5.7	59
12	Dermal quercetin lipid nanocapsules: Influence of the formulation on antioxidant activity and cellular protection against hydrogen peroxide. <i>International Journal of Pharmaceutics</i> , 2017, 518, 167-176.	2.6	54
13	Galactosylated DNA lipid nanocapsules for efficient hepatocyte targeting. <i>International Journal of Pharmaceutics</i> , 2009, 379, 293-300.	2.6	45
14	Tumor transfection after systemic injection of DNA lipid nanocapsules. <i>Biomaterials</i> , 2011, 32, 2327-2333.	5.7	43
15	Development of extracellular vesicle-based medicinal products: A position paper of the group "Extracellular Vesicle translation to clinical perspectives" EVOLVE France. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114001.	6.6	42
16	Liposomes, lipid nanocapsules and smartCrystals <sup>®</sup> : A comparative study for an effective quercetin delivery to the skin. <i>International Journal of Pharmaceutics</i> , 2018, 542, 176-185.	2.6	40
17	Tripartite polyionic complex (PIC) micelles as non-viral vectors for mesenchymal stem cell siRNA transfection. <i>Biomaterials Science</i> , 2017, 5, 1910-1921.	2.6	27
18	Polyoxazolines based mixed micelles as PEG free formulations for an effective quercetin antioxidant topical delivery. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118516.	2.6	24

#	ARTICLE	IF	CITATIONS
19	Interest of extracellular vesicles in regards to lipid nanoparticle based systems for intracellular protein delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113837.	6.6	22
20	Stealth properties of poly(ethylene oxide)-based triblock copolymer micelles: A prerequisite for a pH-triggered targeting system. <i>Acta Biomaterialia</i> , 2011, 7, 3700-3707.	4.1	20
21	DNA Nanocarriers for Systemic Administration: Characterization and In Vivo Bioimaging in Healthy Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e64.	2.3	20
22	Degradable double hydrophilic block copolymers and tripartite polyionic complex micelles thereof for small interfering ribonucleic acids (siRNA) delivery. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 449-459.	5.0	18
23	Nanotechnologies for Intracellular Protein Delivery: Recent Progress in Inorganic and Organic Nanocarriers. <i>Advanced Therapeutics</i> , 2021, 4, 2100009.	1.6	15
24	Polyoxazolines based lipid nanocapsules for topical delivery of antioxidants. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119126.	2.6	14
25	Fluorescent Biosensor for Detection of the R248Q Aggregation-Prone Mutant of p53. <i>ChemBioChem</i> , 2019, 20, 605-613.	1.3	9
26	Scaffolds for Controlled Release of Cartilage Growth Factors. <i>Methods in Molecular Biology</i> , 2015, 1340, 171-180.	0.4	7
27	Rapid communication: insights into the role of extracellular vesicles during Auger radioimmunotherapy. <i>International Journal of Radiation Biology</i> , 2023, 99, 109-118.	1.0	6
28	PySHS: Python Open Source Software for Second Harmonic Scattering. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5912-5917.	2.5	4
29	Melanotransferrin is efficiently sorted on the surface of exosomes secreted by melanoma cells. <i>Melanoma Research</i> , 2021, Publish Ahead of Print, 338-351.	0.6	4
30	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. <i>Methods in Molecular Biology</i> , 2013, 948, 49-65.	0.4	2
31	Near-Infrared Optical Imaging of Nucleic Acid Nanocarriers In Vivo. <i>Methods in Molecular Biology</i> , 2019, 1943, 347-363.	0.4	2
32	Elaboration of Materials with Functionality Gradients by Assembly of Chitosan-Collagen Microspheres Produced by Microfluidics. <i>Journal of Renewable Materials</i> , 2018, , .	1.1	1
33	Lipid Nanocapsules in Nanomedicine. , 2011, , .		1