

# ValÃ©rie GaÃ«lle Roullin

## List of Publications by Year in descending order

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38  
papers

954  
citations

516215

16  
h-index

454577

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring PEGylated nanoparticle surface modulates inflammatory response in vascular endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 174, 155-166.	2.0	3
2	Chitosan-Based Nanogels: Synthesis and Toxicity Profile for Drug Delivery to Articular Joints. <i>Nanomaterials</i> , 2022, 12, 1337.	1.9	15
3	Stability evaluation of compounded hydroxyurea 100 mg/mL oral liquids using a novel analytical method involving chemical derivatization. <i>PLoS ONE</i> , 2022, 17, e0270206.	1.1	1
4	Lipid Coating of Chitosan Nanogels for Improved Colloidal Stability and In Vitro Biocompatibility. <i>AAPS PharmSciTech</i> , 2021, 22, 159.	1.5	4
5	Amphipathic Au-sulfur-poly (ethylene glycol)-b-poly (butylene succinate) system prepared by interfacial reaction as in-silico photosensitizer and antineoplastic carrier. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102584.	1.4	4
6	Think Big, Start Small: How Nanomedicine Could Alleviate the Burden of Rare CNS Diseases. <i>Pharmaceutics</i> , 2021, 14, 109.	1.7	4
7	Stability evaluation of compounded clonidine hydrochloride oral liquids based on a solid-phase extraction HPLC-UV method. <i>PLoS ONE</i> , 2021, 16, e0260279.	1.1	2
8	Preparation and characterization of 12-HSA-based organogels as injectable implants for the controlled delivery of hydrophilic and lipophilic therapeutic agents. <i>Materials Science and Engineering C</i> , 2020, 114, 110999.	3.8	18
9	Stability assessment of levofloxacin in three different suspension vehicles. <i>Journal of Pharmacy Practice and Research</i> , 2020, 50, 220-225.	0.5	0
10	Development of a safe and versatile suspension vehicle for pediatric use: Formulation development. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118552.	2.6	4
11	Encapsulation of food ingredients by nanoorganogels (nanooleogels). , 2019, , 271-343.		1
12	PLGA nanoparticles optimized by Box-Behnken for efficient encapsulation of therapeutic Cymbopogon citratus essential oil. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 935-942.	2.5	34
13	Tailored Nanocarriers for the Pulmonary Delivery of Levofloxacin against <i>Pseudomonas aeruginosa</i> : A Comparative Study. <i>Molecular Pharmaceutics</i> , 2019, 16, 1906-1916.	2.3	36
14	Evaluation of mTHPC-loaded PLGA nanoparticles for in vitro photodynamic therapy on C6 glioma cell line. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 448-455.	1.3	23
15	IVMC Assessment of Two Mouse Brain Endothelial Cell Models for Drug Screening. <i>Pharmaceutics</i> , 2019, 11, 587.	2.0	20
16	Isolation of endothelial cells, pericytes and astrocytes from mouse brain. <i>PLoS ONE</i> , 2019, 14, e0226302.	1.1	37
17	Length of surface PEG modulates nanocarrier transcytosis across brain vascular endothelial cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 185-194.	1.7	27
18	Quantification of peptides in human synovial fluid using liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2018, 186, 124-132.	2.9	1

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19	Organogels, promising drug delivery systems: an update of state-of-the-art and recent applications. <i>Journal of Controlled Release</i> , 2018, 271, 1-20.	4.8	159
20	Release kinetics from nano-inclusion-based and affinity-based hydrogels: A comparative study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 739-749.	2.3	7
21	Stability of gabapentin in extemporaneously compounded oral suspensions. <i>PLoS ONE</i> , 2017, 12, e0175208.	1.1	9
22	Stability of Diazoxide in Extemporaneously Compounded Oral Suspensions. <i>PLoS ONE</i> , 2016, 11, e0164577.	1.1	8
23	Neuronal Uptake and Neuroprotective Properties of Curcumin-Loaded Nanoparticles on SK-N-SH Cell Line: Role of Poly(lactide-co-glycolide) Polymeric Matrix Composition. <i>Molecular Pharmaceutics</i> , 2016, 13, 391-403.	2.3	53
24	A new magnetic resonance imaging contrast agent loaded into poly(lactide-co-glycolide) nanoparticles for long-term detection of tumors. <i>Nanotechnology</i> , 2014, 25, 445103.	1.3	15
25	Encapsulated Ruthenium(II) Complexes in Biocompatible Poly(lactide-co-glycolide) Nanoparticles for Application in Photodynamic Therapy. <i>ChemPlusChem</i> , 2014, 79, 171-180.	1.3	39
26	Tuning the composition of biocompatible Gd nanohydrogels to achieve hypersensitive dual $T_1/T_2$ MRI contrast agents. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6397-6405.	2.9	29
27	Enhanced Pulmonary Administration of Amphotericin B Loaded in PEG-g-PLA Nanoparticles: <i>In Vitro</i> Proof-of-Concept and Susceptibility Against <i>Candida</i> spp. and <i>Aspergillus</i> spp. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2014, 2, 294-304.	0.3	5
28	Etoposide encapsulation in surface-modified poly(lactide-co-glycolide) nanoparticles strongly enhances glioma antitumor efficiency. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1319-1327.	2.1	30
29	Biocompatible nanoparticles and gadolinium complexes for MRI applications. <i>Comptes Rendus Chimie</i> , 2013, 16, 531-539.	0.2	11
30	Hydrogels Incorporating GdDOTA: Towards Highly Efficient Dual $T_1/T_2$ MRI Contrast Agents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9119-9122.	7.2	134
31	Optimised NSAIDs-loaded Biocompatible Nanoparticles. <i>Nano-Micro Letters</i> , 2010, 2, 247-255.	14.4	5
32	Vectorization of copper complexes via biocompatible and biodegradable PLGA nanoparticles. <i>Nanotechnology</i> , 2010, 21, 165101.	1.3	6
33	Development and physicochemical characterization of copper complexes-loaded PLGA nanoparticles. <i>International Journal of Pharmaceutics</i> , 2009, 379, 226-234.	2.6	16
34	RD114-pseudotyped retroviral vectors kill cancer cells by syncytium formation and enhance the cytotoxic effect of the TK/GCV gene therapy strategy. <i>Journal of Gene Medicine</i> , 2005, 7, 389-397.	1.4	9
35	Influence of 5-Fluorouracil-Loaded Microsphere Formulation on Efficient Rat Glioma Radiosensitization. <i>Pharmaceutical Research</i> , 2004, 21, 1558-1563.	1.7	19
36	Anti-cancer drug diffusion within living rat brain tissue: an experimental study using $[^3H]$ (6)-5-fluorouracil-loaded PLGA microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 293-299.	2.0	106

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37	Therapeutic efficacy of 5-fluorouracil-loaded microspheres on rat glioma: a magnetic resonance imaging study. <i>NMR in Biomedicine</i> , 2001, 14, 360-366.	1.6	24
38	High-field quantitative transverse relaxation time, magnetization transfer and apparent water diffusion in experimental rat brain tumour. <i>NMR in Biomedicine</i> , 2000, 13, 116-123.	1.6	35