Biana Godin

List of Publications by Citations

48 papers	4,620 citations	30 h-index	55 g-index
55 ext. papers	5,047 ext. citations	8.4 avg, IF	5.32 L-index

#	Paper	IF	Citations
48	Nanomedicine--challenge and perspectives. *Angewandte Chemie - International Edition*, **2009**, 48, 872-97	16.4	971
47	Transdermal skin delivery: predictions for humans from in vivo, ex vivo and animal models. *Advanced Drug Delivery Reviews*, **2007**, 59, 1152-61	18.5	470
46	Geometrical confinement of gadolinium-based contrast agents in nanoporous particles enhances T1 contrast. *Nature Nanotechnology*, **2010**, 5, 815-21	28.7	335
45	Sustained small interfering RNA delivery by mesoporous silicon particles. *Cancer Research*, **2010**, 70, 3687-96	10.1	274
44	Biocompatibility assessment of Si-based nano- and micro-particles. *Advanced Drug Delivery Reviews*, **2012**, 64, 1800-19	18.5	185
43	Emerging applications of nanomedicine for the diagnosis and treatment of cardiovascular diseases. *Trends in Pharmacological Sciences*, **2010**, 31, 199-205	13.2	179
42	Multistage nanovectors: from concept to novel imaging contrast agents and therapeutics. *Accounts of Chemical Research*, **2011**, 44, 979-89	24.3	174
41	Discoidal Porous Silicon Particles: Fabrication and Biodistribution in Breast Cancer Bearing Mice. *Advanced Functional Materials*, **2012**, 22, 4225-4235	15.6	160
40	Enabling individualized therapy through nanotechnology. *Pharmacological Research*, **2010**, 62, 57-89	10.2	151
39	Ethosomes: new prospects in transdermal delivery. *Critical Reviews in Therapeutic Drug Carrier Systems*, **2003**, 20, 63-102	2.8	144
38	Enhanced delivery of drugs into and across the skin by ethosomal carriers. *Drug Development Research*, **2000**, 50, 406-415	5.1	119
37	Multi-stage delivery nano-particle systems for therapeutic applications. *Biochimica Et Biophysica Acta - General Subjects*, **2011**, 1810, 317-29	4	112
36	Cellular association and assembly of a multistage delivery system. *Small*, **2010**, 6, 1329-40	11	86
35	Mitotic trafficking of silicon microparticles. *Nanoscale*, **2009**, 1, 250-9	7.7	84
34	Logic-embedded vectors for intracellular partitioning, endosomal escape, and exocytosis of nanoparticles. *Small*, **2010**, 6, 2691-700	11	83
33	Internalization of red blood cell-mimicking hydrogel capsules with pH-triggered shape responses. *ACS Nano*, **2014**, 8, 5725-37	16.7	75
32	Tailoring the degradation kinetics of mesoporous silicon structures through PEGylation. *Journal of Biomedical Materials Research - Part A*, **2010**, 94, 1236-43	5.4	72

31	Nanomedizin Herausforderung und Perspektiven. *Angewandte Chemie*, **2009**, 121, 886-913	3.6	70
30	Erythromycin ethosomal systems: physicochemical characterization and enhanced antibacterial activity. *Current Drug Delivery*, **2005**, 2, 269-75	3.2	66
29	Porous silicon nanocarriers for dual targeting tumor associated endothelial cells and macrophages in stroma of orthotopic human pancreatic cancers. *Cancer Letters*, **2013**, 334, 319-27	9.9	59
28	Silicon micro- and nanofabrication for medicine. *Advanced Healthcare Materials*, **2013**, 2, 632-66	10.1	58
27	Cubical Shape Enhances the Interaction of Layer-by-Layer Polymeric Particles with Breast Cancer Cells. *Advanced Healthcare Materials*, **2015**, 4, 2657-2666	10.1	55
26	Near-Infrared Imaging Method for the In Vivo Assessment of the Biodistribution of Nanoporous Silicon Particles. *Molecular Imaging*, **2011**, 10, 7290.2011.00011	3.7	44
25	An integrated approach for the rational design of nanovectors for biomedical imaging and therapy. *Advances in Genetics*, **2010**, 69, 31-64	3.3	43
24	Redirecting Transport of Nanoparticle Albumin-Bound Paclitaxel to Macrophages Enhances Therapeutic Efficacy against Liver Metastases. *Cancer Research*, **2016**, 76, 429-39	10.1	40
23	Enhanced performance of macrophage-encapsulated nanoparticle albumin-bound-paclitaxel in hypo-perfused cancer lesions. *Nanoscale*, **2016**, 8, 12544-52	7.7	38
22	Size of the nanovectors determines the transplacental passage in pregnancy: study in rats. *American Journal of Obstetrics and Gynecology*, **2011**, 204, 546.e5-9	6.4	36
21	Macrophage Polarization Contributes to the Anti-Tumoral Efficacy of Mesoporous Nanovectors Loaded with Albumin-Bound Paclitaxel. *Frontiers in Immunology*, **2017**, 8, 693	8.4	34
20	Hydrogen-bonded Multilayers of Silk Fibroin: From Coatings to Cell-mimicking Shaped Microcontainers. *ACS Macro Letters*, **2012**, 2012, 384-387	6.6	33
19	Liposomes: a nanoscale drug carrying system to prevent indomethacin passage to the fetus in a pregnant mouse model. *American Journal of Obstetrics and Gynecology*, **2015**, 212, 508.e1-7	6.4	27
18	Uterus-targeted liposomes for preterm labor management: studies in pregnant mice. *Scientific Reports*, **2016**, 6, 34710	4.9	27
17	Near-infrared imaging method for the in vivo assessment of the biodistribution of nanoporous silicon particles. *Molecular Imaging*, **2011**, 10, 56-68	3.7	24
16	Bacteriophage Associated Silicon Particles: Design and Characterization of a Novel Theranostic Vector with Improved Payload Carrying Potential. *Journal of Materials Chemistry B*, **2013**, 1,	7.3	18
15	Gemcitabine enhances the transport of nanovector-albumin-bound paclitaxel in gemcitabine-resistant pancreatic ductal adenocarcinoma. *Cancer Letters*, **2017**, 403, 296-304	9.9	13
14	Design and in vitro evaluation of layer by layer siRNA nanovectors targeting breast tumor initiating cells. *PLoS ONE*, **2014**, 9, e91986	3.7	13

13	Thioaptamer targeted discoidal microparticles increase self immunity and reduce Mycobacterium tuberculosis burden in mice. *Journal of Controlled Release*, **2017**, 266, 238-247	11.7	12
12	Multistage Mesoporous Silicon-based Nanocarriers: Biocompatibility with Immune Cells and Controlled Degradation in Physiological Fluids **2008**, 25, 9-11		11
11	Drug Delivery: Discoidal Porous Silicon Particles: Fabrication and Biodistribution in Breast Cancer Bearing Mice (Adv. Funct. Mater. 20/2012). *Advanced Functional Materials*, **2012**, 22, 4186-4186	15.6	6
10	Nanoparticles for Cancer Detection and Therapy **2010**, 51		5
9	Design and in vitro characterization of multistage silicon-PLGA budesonide particles for inflammatory bowel disease. *European Journal of Pharmaceutics and Biopharmaceutics*, **2020**, 151, 61-72	5.7	5
8	Low pressure mediated enhancement of nanoparticle and macromolecule loading into porous silicon structures. *Open Material Sciences*, **2014**, 1,	0.4	4
7	Cardiovascular Nanomedicine: Challenges and Opportunities **2012**, 249-281		2
6	Modeling of Nanotherapy Response as a Function of the Tumor Microenvironment: Focus on Liver Metastasis. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 1011	5.8	2
5	The Importance of Particle Geometry in Design of Therapeutic and Imaging Nanovectors. *Advances in Delivery Science and Technology*, **2016**, 157-200		1
4	Injectable Multistage Nanovectors for Enhancing Imaging Contrast and Directed Therapy. *Nanostructure Science and Technology*, **2012**, 201-223	0.9	0
3	Nanocarrier-Based Anticancer Therapies with the Focus on Strategies for Targeting the Tumor Microenvironment. *Fundamental Biomedical Technologies*, **2016**, 67-122		
2	Overview on Nanocarriers as Delivery Systems **2011**, 885-905		
1	Nanotechnology toward Advancing Personalized Medicine **2014**, 1-57		