

# Biana Godin

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Modeling of Nanotherapy Response as a Function of the Tumor Microenvironment: Focus on Liver Metastasis. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 1011	5.8	2
47	Design and in vitro characterization of multistage silicon-PLGA budesonide particles for inflammatory bowel disease. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 151, 61-72	5.7	5
46	Thioaptamer targeted discoidal microparticles increase self immunity and reduce Mycobacterium tuberculosis burden in mice. <i>Journal of Controlled Release</i> , <b>2017</b> , 266, 238-247	11.7	12
45	Gemcitabine enhances the transport of nanovector-albumin-bound paclitaxel in gemcitabine-resistant pancreatic ductal adenocarcinoma. <i>Cancer Letters</i> , <b>2017</b> , 403, 296-304	9.9	13
44	Macrophage Polarization Contributes to the Anti-Tumoral Efficacy of Mesoporous Nanovectors Loaded with Albumin-Bound Paclitaxel. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 693	8.4	34
43	Uterus-targeted liposomes for preterm labor management: studies in pregnant mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 34710	4.9	27
42	Nanocarrier-Based Anticancer Therapies with the Focus on Strategies for Targeting the Tumor Microenvironment. <i>Fundamental Biomedical Technologies</i> , <b>2016</b> , 67-122		
41	The Importance of Particle Geometry in Design of Therapeutic and Imaging Nanovectors. <i>Advances in Delivery Science and Technology</i> , <b>2016</b> , 157-200		1
40	Enhanced performance of macrophage-encapsulated nanoparticle albumin-bound-paclitaxel in hypo-perfused cancer lesions. <i>Nanoscale</i> , <b>2016</b> , 8, 12544-52	7.7	38
39	Redirecting Transport of Nanoparticle Albumin-Bound Paclitaxel to Macrophages Enhances Therapeutic Efficacy against Liver Metastases. <i>Cancer Research</i> , <b>2016</b> , 76, 429-39	10.1	40
38	Liposomes: a nanoscale drug carrying system to prevent indomethacin passage to the fetus in a pregnant mouse model. <i>American Journal of Obstetrics and Gynecology</i> , <b>2015</b> , 212, 508.e1-7	6.4	27
37	Cubical Shape Enhances the Interaction of Layer-by-Layer Polymeric Particles with Breast Cancer Cells. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 2657-2666	10.1	55
36	Internalization of red blood cell-mimicking hydrogel capsules with pH-triggered shape responses. <i>ACS Nano</i> , <b>2014</b> , 8, 5725-37	16.7	75
35	Low pressure mediated enhancement of nanoparticle and macromolecule loading into porous silicon structures. <i>Open Material Sciences</i> , <b>2014</b> , 1,	0.4	4
34	Design and in vitro evaluation of layer by layer siRNA nanovectors targeting breast tumor initiating cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e91986	3.7	13
33	Nanotechnology toward Advancing Personalized Medicine <b>2014</b> , 1-57		
32	Bacteriophage Associated Silicon Particles: Design and Characterization of a Novel Theranostic Vector with Improved Payload Carrying Potential. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1,	7.3	18

31	Porous silicon nanocarriers for dual targeting tumor associated endothelial cells and macrophages in stroma of orthotopic human pancreatic cancers. <i>Cancer Letters</i> , <b>2013</b> , 334, 319-27	9.9	59
30	Silicon micro- and nanofabrication for medicine. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 632-66	10.1	58
29	Hydrogen-bonded Multilayers of Silk Fibroin: From Coatings to Cell-mimicking Shaped Microcontainers. <i>ACS Macro Letters</i> , <b>2012</b> , 2012, 384-387	6.6	33
28	Biocompatibility assessment of Si-based nano- and micro-particles. <i>Advanced Drug Delivery Reviews</i> , <b>2012</b> , 64, 1800-19	18.5	185
27	Injectable Multistage Nanovectors for Enhancing Imaging Contrast and Directed Therapy. <i>Nanostructure Science and Technology</i> , <b>2012</b> , 201-223	0.9	0
26	Cardiovascular Nanomedicine: Challenges and Opportunities <b>2012</b> , 249-281		2
25	Discoidal Porous Silicon Particles: Fabrication and Biodistribution in Breast Cancer Bearing Mice. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 4225-4235	15.6	160
24	Drug Delivery: Discoidal Porous Silicon Particles: Fabrication and Biodistribution in Breast Cancer Bearing Mice (Adv. Funct. Mater. 20/2012). <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 4186-4186	15.6	6
23	Multi-stage delivery nano-particle systems for therapeutic applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2011</b> , 1810, 317-29	4	112
22	Near-Infrared Imaging Method for the In Vivo Assessment of the Biodistribution of Nanoporous Silicon Particles. <i>Molecular Imaging</i> , <b>2011</b> , 10, 7290.2011.00011	3.7	44
21	Size of the nanovectors determines the transplacental passage in pregnancy: study in rats. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 204, 546.e5-9	6.4	36
20	Multistage nanovectors: from concept to novel imaging contrast agents and therapeutics. <i>Accounts of Chemical Research</i> , <b>2011</b> , 44, 979-89	24.3	174
19	Overview on Nanocarriers as Delivery Systems <b>2011</b> , 885-905		
18	Near-infrared imaging method for the in vivo assessment of the biodistribution of nanoporous silicon particles. <i>Molecular Imaging</i> , <b>2011</b> , 10, 56-68	3.7	24
17	Geometrical confinement of gadolinium-based contrast agents in nanoporous particles enhances T1 contrast. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 815-21	28.7	335
16	An integrated approach for the rational design of nanovectors for biomedical imaging and therapy. <i>Advances in Genetics</i> , <b>2010</b> , 69, 31-64	3.3	43
15	Emerging applications of nanomedicine for the diagnosis and treatment of cardiovascular diseases. <i>Trends in Pharmacological Sciences</i> , <b>2010</b> , 31, 199-205	13.2	179
14	Enabling individualized therapy through nanotechnology. <i>Pharmacological Research</i> , <b>2010</b> , 62, 57-89	10.2	151

13	Sustained small interfering RNA delivery by mesoporous silicon particles. <i>Cancer Research</i> , <b>2010</b> , 70, 3687-96	10.1	274
12	Nanoparticles for Cancer Detection and Therapy <b>2010</b> , 51		5
11	Tailoring the degradation kinetics of mesoporous silicon structures through PEGylation. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2010</b> , 94, 1236-43	5.4	72
10	Cellular association and assembly of a multistage delivery system. <i>Small</i> , <b>2010</b> , 6, 1329-40	11	86
9	Logic-embedded vectors for intracellular partitioning, endosomal escape, and exocytosis of nanoparticles. <i>Small</i> , <b>2010</b> , 6, 2691-700	11	83
8	Nanomedizin [Herausforderung und Perspektiven. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 886-913	3.6	70
7	Nanomedicine--challenge and perspectives. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 872-97	16.4	971
6	Mitotic trafficking of silicon microparticles. <i>Nanoscale</i> , <b>2009</b> , 1, 250-9	7.7	84
5	Multistage Mesoporous Silicon-based Nanocarriers: Biocompatibility with Immune Cells and Controlled Degradation in Physiological Fluids <b>2008</b> , 25, 9-11		11
4	Transdermal skin delivery: predictions for humans from in vivo, ex vivo and animal models. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 1152-61	18.5	470
3	Erythromycin ethosomal systems: physicochemical characterization and enhanced antibacterial activity. <i>Current Drug Delivery</i> , <b>2005</b> , 2, 269-75	3.2	66
2	Ethosomes: new prospects in transdermal delivery. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , <b>2003</b> , 20, 63-102	2.8	144
1	Enhanced delivery of drugs into and across the skin by ethosomal carriers. <i>Drug Development Research</i> , <b>2000</b> , 50, 406-415	5.1	119