

Carly S Filgueira

List of Publications by Citations

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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.

37
papers

3,474
citations

21
h-index

49
g-index

49
ext. papers

3,829
ext. citations

9
avg, IF

4.76
L-index

#	Paper	IF	Citations
37	Nanosphere arrays with controlled sub-10-nm gaps as surface-enhanced raman spectroscopy substrates. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14992-3	16.4	568
36	A cellular Trojan Horse for delivery of therapeutic nanoparticles into tumors. <i>Nano Letters</i> , 2007 , 7, 3759-65	16.5	476
35	Tailoring plasmonic substrates for surface enhanced spectroscopies. <i>Chemical Society Reviews</i> , 2008 , 37, 898-911	58.5	471
34	Three-dimensional tissue culture based on magnetic cell levitation. <i>Nature Nanotechnology</i> , 2010 , 5, 291-6	26.7	432
33	Magnetic-plasmonic core-shell nanoparticles. <i>ACS Nano</i> , 2009 , 3, 1379-88	16.7	303
32	Electromigrated nanoscale gaps for surface-enhanced Raman spectroscopy. <i>Nano Letters</i> , 2007 , 7, 1396-400	16.9	280
31	Nanoshells made easy: improving Au layer growth on nanoparticle surfaces. <i>Langmuir</i> , 2008 , 24, 14166-74	16.9	193
30	Determining the conformation of thiolated poly(ethylene glycol) on Au nanoshells by surface-enhanced Raman scattering spectroscopic assay. <i>Analytical Chemistry</i> , 2006 , 78, 3277-81	7.8	86
29	In vivo detection of gold-imidazole self-assembly complexes: NIR-SERS signal reporters. <i>Analytical Chemistry</i> , 2006 , 78, 6232-7	7.8	69
28	Interactions of ibuprofen with hybrid lipid bilayers probed by complementary surface-enhanced vibrational spectroscopies. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 14168-75	3.4	64
27	Nanoparticle Shape Conservation in the Conversion of MnO Nanocrosses into Mn ₃ O ₄ . <i>Chemistry of Materials</i> , 2007 , 19, 1369-1375	9.6	61
26	Chain-length-dependent vibrational resonances in alkanethiol self-assembled monolayers observed on plasmonic nanoparticle substrates. <i>Nano Letters</i> , 2006 , 6, 2617-21	11.5	56
25	Transcutaneously refillable nanofluidic implant achieves sustained level of tenofovir diphosphate for HIV pre-exposure prophylaxis. <i>Journal of Controlled Release</i> , 2018 , 286, 315-325	11.7	48
24	Unexpected behaviors in molecular transport through size-controlled nanochannels down to the ultra-nanoscale. <i>Nature Communications</i> , 2018 , 9, 1682	17.4	47
23	Mechanisms of peroxisome proliferator activated receptor β regulation by non-steroidal anti-inflammatory drugs. <i>Nuclear Receptor Signaling</i> , 2015 , 13, e004	1	47
22	Nanofluidic drug-eluting seed for sustained intratumoral immunotherapy in triple negative breast cancer. <i>Journal of Controlled Release</i> , 2018 , 285, 23-34	11.7	37
21	The human orphan nuclear receptor tailless (TLX, NR2E1) is druggable. <i>PLoS ONE</i> , 2014 , 9, e99440	3.7	35

20	Three-dimensional printed polymeric system to encapsulate human mesenchymal stem cells differentiated into islet-like insulin-producing aggregates for diabetes treatment. <i>Journal of Tissue Engineering</i> , 2016 , 7, 2041731416638198	7.5	30
19	The active modulation of drug release by an ionic field effect transistor for an ultra-low power implantable nanofluidic system. <i>Nanoscale</i> , 2016 , 8, 18718-18725	7.7	24
18	Nanofluidic microsystem for sustained intraocular delivery of therapeutics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 1-9	6	24
17	Remotely controlled nanofluidic implantable platform for tunable drug delivery. <i>Lab on A Chip</i> , 2019 , 19, 2192-2204	7.2	22
16	3,5-diiodothyronine (3,5-T2) reduces blood glucose independently of insulin sensitization in obese mice. <i>Acta Physiologica</i> , 2017 , 220, 238-250	5.6	20
15	Sustained zero-order delivery of GC-1 from a nanochannel membrane device alleviates metabolic syndrome. <i>International Journal of Obesity</i> , 2016 , 40, 1776-1783	5.5	17
14	Technologies for intrapericardial delivery of therapeutics and cells. <i>Advanced Drug Delivery Reviews</i> , 2019 , 151-152, 222-232	18.5	7
13	A screening cascade to identify ER α ligands. <i>Nuclear Receptor Signaling</i> , 2014 , 12, e003	1	7
12	Screening of Focused Compound Library Targeting Liver X Receptors in Pancreatic Cancer Identified Ligands with Inverse Agonist and Degradation Activity. <i>ACS Chemical Biology</i> , 2020 , 15, 2916-2928	4.9	7
11	Gold Nanoparticles Radio-Sensitize and Reduce Cell Survival in Lewis Lung Carcinoma. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
10	Nanotechnology applications for cardiovascular disease treatment: Current and future perspectives. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 34, 102387	6	7
9	Gold coated iron phosphide core-shell structures. <i>RSC Advances</i> , 2017 , 7, 25848-25854	3.7	5
8	A pharmacokinetic study of GC-1 delivery using a nanochannel membrane device. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1739-1744	6	5
7	Efficacy of sustained delivery of GC-1 from a Nanofluidic system in a spontaneously obese non-human primate: a case study. <i>Biomedical Microdevices</i> , 2018 , 20, 49	3.7	5
6	Sustained Delivery of Tamoxifen from a Nanofluidic Delivery Platform. <i>Drug Delivery Letters</i> , 2017 , 6, 127-133	0.8	4
5	PPAR δ partial agonist GQ-16 strongly represses a subset of genes in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 718-23	3.4	3
4	Intratumoral Gold Nanoparticle-Enhanced CT Imaging: An in Vivo Investigation of Biodistribution and Retention 2020 ,		3
3	Effects of Surface Protein Adsorption on the Distribution and Retention of Intratumorally Administered Gold Nanoparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2

2	Improvements in Gold Nanorod Biocompatibility with Sodium Dodecyl Sulfate Stabilization. <i>Journal of Nanotheranostics</i> , 2021 , 2, 157-173	3.8	1
1	Quantitative high-resolution 7T MRI to assess longitudinal changes in articular cartilage after anterior cruciate ligament injury in a rabbit model of post-traumatic osteoarthritis. <i>Osteoarthritis and Cartilage Open</i> , 2022 , 4, 100259	1.5	