Christine M Micheel

List of Publications by Citations

33 papers	3,819 citations	17 h-index	38 g-index
38 ext. papers	4,080 ext. citations	8.6 avg, IF	4.53 L-index

#	Paper	IF	Citations
33	Biological applications of colloidal nanocrystals. *Nanotechnology*, **2003**, 14, R15-R27	3.4	626
32	Electrophoretic Isolation of Discrete Au Nanocrystal/DNA Conjugates. *Nano Letters*, **2001**, 1, 32-35	11.5	419
31	Two-dimensional nanoparticle arrays show the organizational power of robust DNA motifs. *Nano Letters*, **2006**, 6, 1502-4	11.5	385
30	Large-area spatially ordered arrays of gold nanoparticles directed by lithographically confined DNA origami. *Nature Nanotechnology*, **2010**, 5, 121-6	28.7	356
29	Placement and orientation of individual DNA shapes on lithographically patterned surfaces. *Nature Nanotechnology*, **2009**, 4, 557-61	28.7	314
28	Conformation of Oligonucleotides Attached to Gold Nanocrystals Probed by Gel Electrophoresis. *Nano Letters*, **2003**, 3, 33-36	11.5	292
27	Conjugation of DNA to Silanized Colloidal Semiconductor Nanocrystalline Quantum Dots. *Chemistry of Materials*, **2002**, 14, 2113-2119	9.6	274
26	Sorting fluorescent nanocrystals with DNA. *Journal of the American Chemical Society*, **2002**, 124, 7070-4	16.4	263
25	Discrete nanostructures of quantum dots/Au with DNA. *Journal of the American Chemical Society*, **2004**, 126, 10832-3	16.4	227
24	Electrophoretic and Structural Studies of DNA-Directed Au Nanoparticle Groupings. *Journal of Physical Chemistry B*, **2002**, 106, 11758-11763	3.4	190
23	Directed Assembly of Discrete Gold Nanoparticle Groupings Using Branched DNA Scaffolds. *Chemistry of Materials*, **2005**, 17, 1628-1635	9.6	134
22	Enzymatic ligation creates discrete multinanoparticle building blocks for self-assembly. *Journal of the American Chemical Society*, **2008**, 130, 9598-605	16.4	80
21	Beyond histology: translating tumor genotypes into clinically effective targeted therapies. *Clinical Cancer Research*, **2014**, 20, 2264-75	12.9	51
20	Somatic cancer variant curation and harmonization through consensus minimum variant level data. *Genome Medicine*, **2016**, 8, 117	14.4	50
19	The Path(way) Less Traveled: A Pathway-Oriented Approach to Providing Information about Precision Cancer Medicine on My Cancer Genome. *Translational Oncology*, **2016**, 9, 163-165	4.9	25
18	Guiding Oncology Patients Through the Maze of Precision Medicine. *Journal of Health Communication*, **2016**, 21 Suppl 1, 5-17	2.5	21
17	Characteristics and Outcome of -Mutant Breast Cancer Defined through AACR Project GENIE, a Clinicogenomic Registry. *Cancer Discovery*, **2020**, 10, 526-535	24.4	19

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16	Metallic nanoparticles used to estimate the structural integrity of DNA motifs. *Biophysical Journal*, **2008**, 95, 3340-8	2.9	13
15	ClinGen Cancer Somatic Working Group - standardizing and democratizing access to cancer molecular diagnostic data to drive translational research. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2018**, 23, 247-258	1.3	13
14	American Association for Cancer Research Project Genomics Evidence Neoplasia Information Exchange: From Inception to First Data Release and Beyond-Lessons Learned and Member InstitutionsUPerspectives. *JCO Clinical Cancer Informatics*, **2018**, 2, 1-14	5.2	13
13	My Cancer Genome: Evaluating an Educational Model to Introduce Patients and Caregivers to Precision Medicine Information. *AMIA Summits on Translational Science Proceedings*, **2016**, 2016, 112-21	1.1	11
12	Adapting crowdsourced clinical cancer curation in CIViC to the ClinGen minimum variant level data community-driven standards. *Human Mutation*, **2018**, 39, 1721-1732	4.7	11
11	Identifying the status of genetic lesions in cancer clinical trial documents using machine learning. *BMC Genomics*, **2012**, 13 Suppl 8, S21	4.5	9
10	Internet-Based Assessment of Oncology Health Care Professional Learning Style and Optimization of Materials for Web-Based Learning: Controlled Trial With Concealed Allocation. *Journal of Medical Internet Research*, **2017**, 19, e265	7.6	8
9	Conceptual Framework to Support Clinical Trial Optimization and End-to-End Enrollment Workflow. *JCO Clinical Cancer Informatics*, **2019**, 3, 1-10	5.2	6
8	The My Cancer Genome clinical trial data model and trial curation workflow. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 1057-1066	8.6	3
7	Correlation Between Surrogate End Points and Overall Survival in a Multi-institutional Clinicogenomic Cohort of Patients With Non-Small Cell Lung or Colorectal Cancer. *JAMA Network Open*, **2021**, 4, e2117547	10.4	2
6	Framework for Implementing and Tracking a Molecular Tumor Board at a National Cancer Institute-Designated Comprehensive Cancer Center. *Oncologist*, **2021**, 26, e1962-e1970	5.7	2
5	Clingen Cancer Somatic Working Group tandardizing and democratizing access to cancer molecular diagnostic data to drive translational research		1
4	Learnings From Precision Clinical Trial Matching for Oncology Patients Who Received NGS Testing. *JCO Clinical Cancer Informatics*, **2021**, 5, 231-238	5.2	1
3	My Cancer Genome: Coevolution of Precision Oncology and a Molecular Oncology Knowledgebase. *JCO Clinical Cancer Informatics*, **2021**, 5, 995-1004	5.2	0
2	Standardizing And Democratizing Access To Cancer Molecular Diagnostic Test Data From Patients To Drive Translational Research. *AMIA Summits on Translational Science Proceedings*, **2018**, 2017, 152-159	1.1	
1	Landscape Analysis of Breast Cancer and Acute Myeloid Leukemia Trials Using the My Cancer Genome Clinical Trial Data Model. *JCO Clinical Cancer Informatics*, **2021**, 5, 975-984	5.2	