Christine M Micheel

List of Publications by Year
in descending order

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37 papers	4,340 citations	430442 18 h-index	414034 32 g-index
38 all docs	38 docs citations	38 times ranked	5161 citing authors

#	Article	IF	Citations
1	Biological applications of colloidal nanocrystals. Nanotechnology, 2003, 14, R15-R27.	1.3	698
2	Electrophoretic Isolation of Discrete Au Nanocrystal/DNA Conjugates. Nano Letters, 2001, 1, 32-35.	4.5	457
3	Two-Dimensional Nanoparticle Arrays Show the Organizational Power of Robust DNA Motifs. Nano Letters, 2006, 6, 1502-1504.	4.5	421
4	Large-area spatially ordered arrays of gold nanoparticles directed by lithographically confined DNA origami. Nature Nanotechnology, 2010, 5, 121-126.	15.6	388
5	Placement and orientation of individual DNA shapes on lithographically patterned surfaces. Nature Nanotechnology, 2009, 4, 557-561.	15.6	346
6	Conformation of Oligonucleotides Attached to Gold Nanocrystals Probed by Gel Electrophoresis. Nano Letters, 2003, 3, 33-36.	4.5	318
7	Conjugation of DNA to Silanized Colloidal Semiconductor Nanocrystalline Quantum Dots. Chemistry of Materials, 2002, 14, 2113-2119.	3.2	312
8	Sorting Fluorescent Nanocrystals with DNA. Journal of the American Chemical Society, 2002, 124, 7070-7074.	6.6	293
9	Discrete Nanostructures of Quantum Dots/Au with DNA. Journal of the American Chemical Society, 2004, 126, 10832-10833.	6.6	246
10	Electrophoretic and Structural Studies of DNA-Directed Au Nanoparticle Groupings. Journal of Physical Chemistry B, 2002, 106, 11758-11763.	1.2	214
11	Directed Assembly of Discrete Gold Nanoparticle Groupings Using Branched DNA Scaffolds. Chemistry of Materials, 2005, 17, 1628-1635.	3.2	142
12	Enzymatic Ligation Creates Discrete Multinanoparticle Building Blocks for Self-Assembly. Journal of the American Chemical Society, 2008, 130, 9598-9605.	6.6	90
13	Somatic cancer variant curation and harmonization through consensus minimum variant level data. Genome Medicine, 2016, 8, 117.	3.6	61
14	Beyond Histology: Translating Tumor Genotypes into Clinically Effective Targeted Therapies. Clinical Cancer Research, 2014, 20, 2264-2275.	3.2	60
15	Characteristics and Outcome of AKT1E17K-Mutant Breast Cancer Defined through AACR Project GENIE, a Clinicogenomic Registry. Cancer Discovery, 2020, 10, 526-535.	7.7	36
16	American Association for Cancer Research Project Genomics Evidence Neoplasia Information Exchange: From Inception to First Data Release and Beyondâ€"Lessons Learned and Member Institutionsâ€™ Perspectives. JCO Clinical Cancer Informatics, 2018, 2, 1-14.	1.0	33
17	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.	1.7	32
18	Guiding Oncology Patients Through the Maze of Precision Medicine. Journal of Health Communication, 2016, 21, 5-17.	1.2	27

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19	Correlation Between Surrogate End Points and Overall Survival in a Multi-institutional Clinicogenomic Cohort of Patients With Nonâ€“Small Cell Lung or Colorectal Cancer. JAMA Network Open, 2021, 4, e2117547.	2.8	20
20	Adapting crowdsourced clinical cancer curation in CIViC to the ClinGen minimum variant level data communityâ€driven standards. Human Mutation, 2018, 39, 1721-1732.	1.1	15
21	Metallic Nanoparticles Used to Estimate the Structural Integrity of DNA Motifs. Biophysical Journal, 2008, 95, 3340-3348.	0.2	14
22	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.	0.7	13
23	ClinGen Cancer Somatic Working Group â€“ standardizing and democratizing access to cancer molecular diagnostic data to drive translational research. , 2018, , .		12
24	Conceptual Framework to Support Clinical Trial Optimization and End-to-End Enrollment Workflow. JCO Clinical Cancer Informatics, 2019, 3, 1-10.	1.0	12
25	Identifying the status of genetic lesions in cancer clinical trial documents using machine learning. BMC Genomics, 2012, 13, S21.	1.2	11
26	Framework for Implementing and Tracking a Molecular Tumor Board at a National Cancer Instituteâ€“Designated Comprehensive Cancer Center. Oncologist, 2021, 26, e1962-e1970.	1.9	11
27	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.	2.1	11
28	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.	0.4	11
29	The My Cancer Genome clinical trial data model and trial curation workflow. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1057-1066.	2.2	10
30	Learnings From Precision Clinical Trial Matching for Oncology Patients Who Received NGS Testing. JCO Clinical Cancer Informatics, 2021, 5, 231-238.	1.0	10
31	My Cancer Genome: Coevolution of Precision Oncology and a Molecular Oncology Knowledgebase. JCO Clinical Cancer Informatics, 2021, 5, 995-1004.	1.0	10
32	Natural History and Characteristics of ERBB2-mutated Hormone Receptorâ€“positive Metastatic Breast Cancer: A Multi-institutional Retrospective Caseâ€“control Study from AACR Project GENIE. Clinical Cancer Research, 2022, 28, 2118-2130.	3.2	3
33	Opportunities and Challenges for Analyzing Cancer Data at the Inter- and Intra-Institutional Levels. JCO Precision Oncology, 2020, 4, 743-756.	1.5	1
34	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.	1.0	1
35	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.	0.4	0
36	Predicting immune checkpoint inhibitor-related pneumonitis using patient medical information.. Journal of Clinical Oncology, 2022, 40, e13566-e13566.	0.8	0

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37	Overcoming barriers in academic-industry partnerships to improve predictive modeling in immuno-oncology.. Journal of Clinical Oncology, 2022, 40, e13581-e13581.	0.8	0