

Erin L Crowgey

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

607
citations

759233

12
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Caught in the middle with multiple displacement amplification: the myth of pooling for avoiding multiple displacement amplification bias in a metagenome. <i>Microbiome</i> , 2014, 2, 3.	11.1	105
2	Citrullination of myofilament proteins in heart failure. <i>Cardiovascular Research</i> , 2015, 108, 232-242.	3.8	64
3	An informatics research agenda to support precision medicine: seven key areas. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 791-795.	4.4	61
4	Epigenetic machine learning: utilizing DNA methylation patterns to predict spastic cerebral palsy. <i>BMC Bioinformatics</i> , 2018, 19, 225.	2.6	45
5	Protein <i>S</i> -Nitrosylation Controls Glycogen Synthase Kinase 3 β Function Independent of Its Phosphorylation State. <i>Circulation Research</i> , 2018, 122, 1517-1531.	4.5	40
6	Accelerating next generation sequencing data analysis: an evaluation of optimized best practices for Genome Analysis Toolkit algorithms. <i>Genomics and Informatics</i> , 2020, 18, e10.	0.8	39
7	Impact of Immunization Technology and Assay Application on Antibody Performance – A Systematic Comparative Evaluation. <i>PLoS ONE</i> , 2011, 6, e28718.	2.5	35
8	Dual Labeling Biotin Switch Assay to Reduce Bias Derived From Different Cysteine Subpopulations. <i>Circulation Research</i> , 2015, 117, 846-857.	4.5	31
9	Mapping Citrullinated Sites in Multiple Organs of Mice Using Hypercitrullinated Library. <i>Journal of Proteome Research</i> , 2019, 18, 2270-2278.	3.7	30
10	Combined Inhibition of Janus Kinase 1/2 for the Treatment of JAK2V617F-Driven Neoplasms: Selective Effects on Mutant Cells and Improvements in Measures of Disease Severity. <i>Clinical Cancer Research</i> , 2009, 15, 6891-6900.	7.0	19
11	Error-corrected sequencing strategies enable comprehensive detection of leukemic mutations relevant for diagnosis and minimal residual disease monitoring. <i>BMC Medical Genomics</i> , 2020, 13, 32.	1.5	14
12	A survey of proteomic biomarkers for heterotopic ossification in blood serum. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 69.	2.3	13
13	Development of a Novel Next-Generation Sequencing Assay for Carrier Screening in Old Order Amish and Mennonite Populations of Pennsylvania. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 687-694.	2.8	13
14	Protein kinase G signaling in cardiac pathophysiology: Impact of proteomics on clinical trials. <i>Proteomics</i> , 2016, 16, 894-905.	2.2	10
15	Subphenotype meta-analysis of testicular cancer genome-wide association study data suggests a role for RBFOX family genes in cryptorchidism susceptibility. <i>Human Reproduction</i> , 2018, 33, 967-977.	0.9	10
16	An Integrated Approach for Analyzing Clinical Genomic Variant Data from Next-Generation Sequencing. <i>Journal of Biomolecular Techniques</i> , 2015, 26, 19-28.	1.5	9
17	A Systems Biology Approach for Studying Heterotopic Ossification: Proteomic Analysis of Clinical Serum and Tissue Samples. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 212-220.	6.9	9
18	The PNPLA3 rs738409 Variant but not MBOAT7 rs641738 is a Risk Factor for Nonalcoholic Fatty Liver Disease in Obese U.S. Children of Hispanic Ethnicity. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , 2021, 24, 455.	1.2	9

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19	Whole genome metagenomic analysis of the gut microbiome of differently fed infants identifies differences in microbial composition and functional genes, including an absent CRISPR/Cas9 gene in the formula-fed cohort. <i>Human Microbiome Journal</i> , 2019, 12, 100057.	3.8	8
20	Transcriptional analysis of muscle tissue and isolated satellite cells in spastic cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1213-1220.	2.1	7
21	Mapping Biological Networks from Quantitative Data-Independent Acquisition Mass Spectrometry: Data to Knowledge Pipelines. <i>Methods in Molecular Biology</i> , 2017, 1558, 395-413.	0.9	7
22	Implementation of a learning healthcare system for sickle cell disease. <i>JAMIA Open</i> , 2020, 3, 349-359.	2.0	7
23	Impact of Early Feeding: Metagenomics Analysis of the Infant Gut Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 816601.	3.9	7
24	Genomic surveillance of SARS-CoV-2 in the state of Delaware reveals tremendous genomic diversity. <i>PLoS ONE</i> , 2022, 17, e0262573.	2.5	6
25	CBFB-MYH11 fusion transcripts distinguish acute myeloid leukemias with distinct molecular landscapes and outcomes. <i>Blood Advances</i> , 2021, 5, 4963-4968.	5.2	4
26	Strong concordance between RNA structural and single nucleotide variants identified via next generation sequencing techniques in primary pediatric leukemia and patient-derived xenograft samples. <i>Genomics and Informatics</i> , 2020, 18, e6.	0.8	2
27	Development of Bioinformatics Pipeline for Analyzing Clinical Pediatric NGS Data. <i>AMIA Summits on Translational Science Proceedings</i> , 2015, 2015, 207-11.	0.4	2
28	<p>Germline Sequencing Identifies Rare Variants in Finnish Subjects with Familial Germ Cell Tumors</p>. <i>The Application of Clinical Genetics</i> , 2020, Volume 13, 127-137.	3.0	1
29	Abstract 2076: Identification of novel fusion genes and expression variants in primary and patient-derived xenograft samples of pediatric leukemia using error-corrected RNA sequencing. , 2018, , .		0
30	The Use of Machine Learning and Phonetic Endophenotypes to Discover Genetic Variants Associated with Speech Sound Disorder. , 0, , .		0
31	Advancements in Next-Generation Sequencing for Detecting Minimal Residual Disease. , 2019, , 159-192.		0
32	Fundamentals of Drug Metabolism and Pharmacogenomics Within a Learning Healthcare System Workflow Perspective. <i>Computers in Health Care</i> , 2020, , 59-80.	0.3	0
33	Perspectives on molecular diagnostic testing for the COVID-19 pandemic in Delaware. <i>Delaware Journal of Public Health</i> , 2020, 6, 20-24.	0.3	0