

Zongli Zheng

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.

51
papers

9,334
citations

28
h-index

54
g-index

54
ext. papers

11,158
ext. citations

13.5
avg, IF

5.79
L-index

#	Paper	IF	Citations
51	High-fidelity KKH variant of <i>Staphylococcus aureus</i> Cas9 nucleases with improved base mismatch discrimination.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	1
50	Machine learning-coupled combinatorial mutagenesis enables resource-efficient engineering of CRISPR-Cas9 genome editor activities.. <i>Nature Communications</i> , 2022 , 13, 2219	17.4	0
49	Defining genome-wide CRISPR-Cas genome-editing nuclease activity with GUIDE-seq. <i>Nature Protocols</i> , 2021 , 16, 5592-5615	18.8	0
48	Deep RNA Sequencing Revealed Fusion Junctional Heterogeneity May Predict Crizotinib Treatment Efficacy in ALK-Rearranged NSCLC. <i>Journal of Thoracic Oncology</i> , 2021 ,	8.9	2
47	Evaluation of endocrine resistance using ESR1 genotyping of circulating tumor cells and plasma DNA. <i>Breast Cancer Research and Treatment</i> , 2021 , 188, 43-52	4.4	4
46	A Three-Way Combinatorial CRISPR Screen for Analyzing Interactions among Druggable Targets. <i>Cell Reports</i> , 2020 , 32, 108020	10.6	10
45	Rationally engineered Cas9 nucleases with high genome-wide specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20969-20976	11.5	45
44	Bone Sarcoma With Fusion: Sarcoma With Varied Morphology and Amplification of Fusion Gene Distinct From Ewing Sarcoma. <i>International Journal of Surgical Pathology</i> , 2019 , 27, 561-567	1.2	10
43	Highly Multiplexed Fluorescence in Situ Hybridization for in Situ Genomics. <i>Journal of Molecular Diagnostics</i> , 2019 , 21, 390-407	5.1	7
42	Combinatorial mutagenesis en masse optimizes the genome editing activities of SpCas9. <i>Nature Methods</i> , 2019 , 16, 722-730	21.6	24
41	Expressed Gene Fusions as Frequent Drivers of Poor Outcomes in Hormone Receptor-Positive Breast Cancer. <i>Cancer Discovery</i> , 2018 , 8, 336-353	24.4	21
40	Artificial Intelligence Approach for Variant Reporting. <i>JCO Clinical Cancer Informatics</i> , 2018 , 2,	5.2	8
39	Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. <i>Npj Precision Oncology</i> , 2017 , 1, 5	9.8	37
38	Recurrent and functional regulatory mutations in breast cancer. <i>Nature</i> , 2017 , 547, 55-60	50.4	192
37	Next-Generation Sequencing and Fluorescence in Situ Hybridization Have Comparable Performance Characteristics in the Analysis of Pancreaticobiliary Brushings for Malignancy. <i>Journal of Molecular Diagnostics</i> , 2016 , 18, 124-30	5.1	52
36	Severity of Acute Cholecystitis and Risk of Iatrogenic Bile Duct Injury During Cholecystectomy, a Population-Based Case-Control Study. <i>World Journal of Surgery</i> , 2016 , 40, 1060-7	3.3	55
35	High-fidelity CRISPR-Cas9 nucleases with no detectable genome-wide off-target effects. <i>Nature</i> , 2016 , 529, 490-5	50.4	1600

34	Impact of next-generation sequencing on the clinical diagnosis of pancreatic cysts. <i>Gastrointestinal Endoscopy</i> , 2016 , 83, 140-8	5.2	95
33	MET Exon 14 Skipping in Non-Small Cell Lung Cancer. <i>Oncologist</i> , 2016 , 21, 481-6	5.7	67
32	Engineered CRISPR-Cas9 nucleases with altered PAM specificities. <i>Nature</i> , 2015 , 523, 481-5	50.4	1061
31	Broadening the targeting range of Staphylococcus aureus CRISPR-Cas9 by modifying PAM recognition. <i>Nature Biotechnology</i> , 2015 , 33, 1293-1298	44.5	381
30	Identification of insertions in PTEN and TP53 in anaplastic thyroid carcinoma with angiogenic brain metastasis. <i>Endocrine-Related Cancer</i> , 2015 , 22, L23-8	5.7	4
29	Incidence of gastric cancer among patients with gastric precancerous lesions: observational cohort study in a low risk Western population. <i>BMJ, The</i> , 2015 , 351, h3867	5.9	135
28	Detection of Dual IDH1 and IDH2 Mutations by Targeted Next-Generation Sequencing in Acute Myeloid Leukemia and Myelodysplastic Syndromes. <i>Journal of Molecular Diagnostics</i> , 2015 , 17, 661-8	5.1	22
27	Variant Profiling of Candidate Genes in Pancreatic Ductal Adenocarcinoma. <i>Clinical Chemistry</i> , 2015 , 61, 1408-16	5.5	16
26	GUIDE-seq enables genome-wide profiling of off-target cleavage by CRISPR-Cas nucleases. <i>Nature Biotechnology</i> , 2015 , 33, 187-197	44.5	1275
25	High p53 protein expression in therapy-related myeloid neoplasms is associated with adverse karyotype and poor outcome. <i>Modern Pathology</i> , 2015 , 28, 552-63	9.8	33
24	Unique Genetic and Survival Characteristics of Invasive Mucinous Adenocarcinoma of the Lung. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 1156-62	8.9	102
23	Durable Clinical Response to Entrectinib in NTRK1-Rearranged Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 1670-4	8.9	166
22	Clinical implementation of anchored multiplex PCR with targeted next-generation sequencing for detection of ALK, ROS1, RET and NTRK1 fusions in non-small cell lung carcinoma.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 8095-8095	2.2	1
21	Anchored multiplex PCR for targeted next-generation sequencing. <i>Nature Medicine</i> , 2014 , 20, 1479-84	50.5	536
20	Crizotinib in ROS1-rearranged non-small-cell lung cancer. <i>New England Journal of Medicine</i> , 2014 , 371, 1963-71	59.2	1267
19	Cancer therapy. Ex vivo culture of circulating breast tumor cells for individualized testing of drug susceptibility. <i>Science</i> , 2014 , 345, 216-20	33.3	670
18	A novel fusion of TPR and ALK in lung adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 563-6	8.9	64
17	LIN28 is involved in glioma carcinogenesis and predicts outcomes of glioblastoma multiforme patients. <i>PLoS ONE</i> , 2014 , 9, e86446	3.7	24

16	Identification of oncogenic mutations and gene fusions in the follicular variant of papillary thyroid carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2457-62	5.6	47
15	Metagenomic de novo assembly of an aquatic representative of the verrucomicrobial class Spartobacteria. <i>MBio</i> , 2013 , 4, e00569-12	7.8	87
14	Rapid screening of complex DNA samples by single-molecule amplification and sequencing. <i>PLoS ONE</i> , 2011 , 6, e19723	3.7	2
13	A method for metagenomics of <i>Helicobacter pylori</i> from archived formalin-fixed gastric biopsies permitting longitudinal studies of carcinogenic risk. <i>PLoS ONE</i> , 2011 , 6, e26442	3.7	13
12	Titration-free 454 sequencing using Y adapters. <i>Nature Protocols</i> , 2011 , 6, 1367-76	18.8	22
11	A pyrosequencing study in twins shows that gastrointestinal microbial profiles vary with inflammatory bowel disease phenotypes. <i>Gastroenterology</i> , 2010 , 139, 1844-1854.e1	13.3	73 ¹
10	Titration-free massively parallel pyrosequencing using trace amounts of starting material. <i>Nucleic Acids Research</i> , 2010 , 38, e137	20.1	27
9	Metagenomic study of <i>Helicobacter pylori</i> microdissected from archived formalin-fixed paraffin-embedded biopsy sections 2010 , 11, P42		78
8	A comprehensive analysis of common genetic variation in MUC1, MUC5AC, MUC6 genes and risk of stomach cancer. <i>Cancer Causes and Control</i> , 2010 , 21, 313-21	2.8	68
7	Is there a link between the lipopolysaccharide of <i>Helicobacter pylori</i> gastric MALT lymphoma associated strains and lymphoma pathogenesis?. <i>PLoS ONE</i> , 2009 , 4, e7297	3.7	11
6	Genetic variation in a4GnT in relation to <i>Helicobacter pylori</i> serology and gastric cancer risk. <i>Helicobacter</i> , 2009 , 14, 120-5	4.9	6
5	Long-term effects of iatrogenic bile duct injury during cholecystectomy. <i>Clinical Gastroenterology and Hepatology</i> , 2009 , 7, 1013-8; quiz 915	6.9	38
4	Postmenopausal hormone therapy as a risk factor for gastroesophageal reflux symptoms among female twins. <i>Gastroenterology</i> , 2008 , 134, 921-8	13.3	29
3	Effects of estrogen with and without progestin and obesity on symptomatic gastroesophageal reflux. <i>Gastroenterology</i> , 2008 , 135, 72-81	13.3	18
2	Lifestyle factors and risk for symptomatic gastroesophageal reflux in monozygotic twins. <i>Gastroenterology</i> , 2007 , 132, 87-95	13.3	113
1	Risk factors for the gastric cardia cancer: a case-control study in Fujian Province. <i>World Journal of Gastroenterology</i> , 2003 , 9, 214-8	5.6	54