

# Zongli Zheng

## List of Publications by Year in descending order

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52  
papers

12,256  
citations

172457

29  
h-index

182427

51  
g-index

54  
all docs

54  
docs citations

54  
times ranked

18996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep RNA Sequencing Revealed Fusion Junctional Heterogeneity May Predict Crizotinib Treatment Efficacy in ALK-Rearranged NSCLC. <i>Journal of Thoracic Oncology</i> , 2022, 17, 264-276.	1.1	15
2	High-fidelity KKH variant of <i>Staphylococcus aureus</i> Cas9 nucleases with improved base mismatch discrimination. <i>Nucleic Acids Research</i> , 2022, 50, 1650-1660.	14.5	11
3	Machine learning-coupled combinatorial mutagenesis enables resource-efficient engineering of CRISPR-Cas9 genome editor activities. <i>Nature Communications</i> , 2022, 13, 2219.	12.8	8
4	Noncanonical Gene Fusions Detected at the DNA Level Necessitate Orthogonal Diagnosis Methods Before Targeted Therapy. <i>Journal of Thoracic Oncology</i> , 2021, 16, 344-348.	1.1	6
5	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.	2.5	8
6	Defining genome-wide CRISPR-Cas genome-editing nuclease activity with GUIDE-seq. <i>Nature Protocols</i> , 2021, 16, 5592-5615.	12.0	27
7	A Three-Way Combinatorial CRISPR Screen for Analyzing Interactions among Druggable Targets. <i>Cell Reports</i> , 2020, 32, 108020.	6.4	27
8	Combinatorial mutagenesis en masse optimizes the genome editing activities of SpCas9. <i>Nature Methods</i> , 2019, 16, 722-730.	19.0	44
9	Rationally engineered <i>Staphylococcus aureus</i> 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.	7.1	81
10	Bone Sarcoma With EWSR1-NFATC2 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.	0.8	17
11	Highly Multiplexed Fluorescence in Situ Hybridization for in Situ Genomics. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 390-407.	2.8	15
12	Expressed Gene Fusions as Frequent Drivers of Poor Outcomes in Hormone Receptor-Positive Breast Cancer. <i>Cancer Discovery</i> , 2018, 8, 336-353.	9.4	32
13	Artificial Intelligence Approach for Variant Reporting. <i>JCO Clinical Cancer Informatics</i> , 2018, 2, 1-13.	2.1	13
14	Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. <i>Npj Precision Oncology</i> , 2017, 1, 5.	5.4	49
15	Recurrent and functional regulatory mutations in breast cancer. <i>Nature</i> , 2017, 547, 55-60.	27.8	269
16	<i>MET</i> Exon 14 Skipping in Non-Small Cell Lung Cancer. <i>Oncologist</i> , 2016, 21, 481-486.	3.7	94
17	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, 124-130.	2.8	79
18	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, 1060-1067.	1.6	81

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19	High-fidelity CRISPR-Cas9 nucleases with no detectable genome-wide off-target effects. <i>Nature</i> , 2016, 529, 490-495.	27.8	2,126
20	Impact of next-generation sequencing on the clinical diagnosis of pancreatic cysts. <i>Gastrointestinal Endoscopy</i> , 2016, 83, 140-148.	1.0	119
21	Unique Genetic and Survival Characteristics of Invasive Mucinous Adenocarcinoma of the Lung. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1156-1162.	1.1	137
22	Durable Clinical Response to Entrectinib in NTRK1-Rearranged Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1670-1674.	1.1	197
23	Engineered CRISPR-Cas9 nucleases with altered PAM specificities. <i>Nature</i> , 2015, 523, 481-485.	27.8	1,388
24	Broadening the targeting range of <i>Staphylococcus aureus</i> CRISPR-Cas9 by modifying PAM recognition. <i>Nature Biotechnology</i> , 2015, 33, 1293-1298.	17.5	511
25	Identification of insertions in PTEN and TP53 in anaplastic thyroid carcinoma with angiogenic brain metastasis. <i>Endocrine-Related Cancer</i> , 2015, 22, L23-L28.	3.1	5
26	Incidence of gastric cancer among patients with gastric precancerous lesions: observational cohort study in a low risk Western population. <i>BMJ</i> , The, 2015, 351, h3867.	6.0	198
27	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, 661-668.	2.8	31
28	Variant Profiling of Candidate Genes in Pancreatic Ductal Adenocarcinoma. <i>Clinical Chemistry</i> , 2015, 61, 1408-1416.	3.2	21
29	GUIDE-seq enables genome-wide profiling of off-target cleavage by CRISPR-Cas nucleases. <i>Nature Biotechnology</i> , 2015, 33, 187-197.	17.5	1,757
30	High p53 protein expression in therapy-related myeloid neoplasms is associated with adverse karyotype and poor outcome. <i>Modern Pathology</i> , 2015, 28, 552-563.	5.5	42
31	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.	1.6	1
32	LIN28 Is Involved in Glioma Carcinogenesis and Predicts Outcomes of Glioblastoma Multiforme Patients. <i>PLoS ONE</i> , 2014, 9, e86446.	2.5	31
33	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-E2462.	3.6	55
34	Anchored multiplex PCR for targeted next-generation sequencing. <i>Nature Medicine</i> , 2014, 20, 1479-1484.	30.7	705
35	Crizotinib in ROS1-Rearranged Non-Small-Cell Lung Cancer. <i>New England Journal of Medicine</i> , 2014, 371, 1963-1971.	27.0	1,656
36	Ex vivo culture of circulating breast tumor cells for individualized testing of drug susceptibility. <i>Science</i> , 2014, 345, 216-220.	12.6	808

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37	A Novel Fusion of TPR and ALK in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2014, 9, 563-566.	1.1	83
38	Metagenomic <i>De Novo</i> Assembly of an Aquatic Representative of the Verrucomicrobial Class <i>Spartobacteria</i> . <i>MBio</i> , 2013, 4, e00569-12.	4.1	107
39	Titration-free 454 sequencing using Y adapters. <i>Nature Protocols</i> , 2011, 6, 1367-1376.	12.0	24
40	Rapid Screening of Complex DNA Samples by Single-Molecule Amplification and Sequencing. <i>PLoS ONE</i> , 2011, 6, e19723.	2.5	2
41	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.	2.5	14
42	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, 313-321.	1.8	76
43	A Pyrosequencing Study in Twins Shows That Gastrointestinal Microbial Profiles Vary With Inflammatory Bowel Disease Phenotypes. <i>Gastroenterology</i> , 2010, 139, 1844-1854.e1.	1.3	916
44	Titration-free massively parallel pyrosequencing using trace amounts of starting material. <i>Nucleic Acids Research</i> , 2010, 38, e137-e137.	14.5	28
45	Metagenomic study of <i>Helicobacter pylori</i> microdissected from archived formalin-fixed paraffin-embedded biopsy sections. <i>Genome Biology</i> , 2010, 11, P42.	9.6	0
46	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.	2.5	12
47	Genetic Variation in <i>C4GnT</i> in Relation to <i>Helicobacter Pylori</i> Serology and Gastric Cancer Risk. <i>Helicobacter</i> , 2009, 14, 472-477.	3.5	8
48	Long-Term Effects of Iatrogenic Bile Duct Injury During Cholecystectomy. <i>Clinical Gastroenterology and Hepatology</i> , 2009, 7, 1013-1018.	4.4	54
49	Postmenopausal Hormone Therapy as a Risk Factor for Gastroesophageal Reflux Symptoms Among Female Twins. <i>Gastroenterology</i> , 2008, 134, 921-928.	1.3	47
50	Effects of Estrogen With and Without Progestin and Obesity on Symptomatic Gastroesophageal Reflux. <i>Gastroenterology</i> , 2008, 135, 72-81.	1.3	24
51	Lifestyle Factors and Risk for Symptomatic Gastroesophageal Reflux in Monozygotic Twins. <i>Gastroenterology</i> , 2007, 132, 87-95.	1.3	139
52	Risk factors for the gastric cardia cancer: a case-control study in Fujian Province. <i>World Journal of Gastroenterology</i> , 2003, 9, 214.	3.3	58