# Zongli Zheng

## List of Publications by Citations



| | | | |
|---|---|---|---|
| 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 CRISPR-Cas9 nucleases with no detectable genome-wide off-target effects. *Nature*, **2016**, 529, 490-5 | 50.4 | 1600 |
| 50 | GUIDE-seq enables genome-wide profiling of off-target cleavage by CRISPR-Cas nucleases. *Nature Biotechnology*, **2015**, 33, 187-197 | 44.5 | 1275 |
| 49 | Crizotinib in ROS1-rearranged non-small-cell lung cancer. *New England Journal of Medicine*, **2014**, 371, 1963-71 | 59.2 | 1267 |
| 48 | Engineered CRISPR-Cas9 nucleases with altered PAM specificities. *Nature*, **2015**, 523, 481-5 | 50.4 | 1061 |
| 47 | A pyrosequencing study in twins shows that gastrointestinal microbial profiles vary with inflammatory bowel disease phenotypes. *Gastroenterology*, **2010**, 139, 1844-1854.e1 | 13.3 | 731 |
| 46 | Cancer therapy. Ex vivo culture of circulating breast tumor cells for individualized testing of drug susceptibility. *Science*, **2014**, 345, 216-20 | 33.3 | 670 |
| 45 | Anchored multiplex PCR for targeted next-generation sequencing. *Nature Medicine*, **2014**, 20, 1479-84 | 50.5 | 536 |
| 44 | Broadening the targeting range of Staphylococcus aureus CRISPR-Cas9 by modifying PAM recognition. *Nature Biotechnology*, **2015**, 33, 1293-1298 | 44.5 | 381 |
| 43 | Recurrent and functional regulatory mutations in breast cancer. *Nature*, **2017**, 547, 55-60 | 50.4 | 192 |
| 42 | Durable Clinical Response to Entrectinib in NTRK1-Rearranged Non-Small Cell Lung Cancer. *Journal of Thoracic Oncology*, **2015**, 10, 1670-4 | 8.9 | 166 |
| 41 | Incidence of gastric cancer among patients with gastric precancerous lesions: observational cohort study in a low risk Western population. *BMJ, The*, **2015**, 351, h3867 | 5.9 | 135 |
| 40 | Lifestyle factors and risk for symptomatic gastroesophageal reflux in monozygotic twins. *Gastroenterology*, **2007**, 132, 87-95 | 13.3 | 113 |
| 39 | Unique Genetic and Survival Characteristics of Invasive Mucinous Adenocarcinoma of the Lung. *Journal of Thoracic Oncology*, **2015**, 10, 1156-62 | 8.9 | 102 |
| 38 | Impact of next-generation sequencing on the clinical diagnosis of pancreatic cysts. *Gastrointestinal Endoscopy*, **2016**, 83, 140-8 | 5.2 | 95 |
| 37 | Metagenomic de novo assembly of an aquatic representative of the verrucomicrobial class Spartobacteria. *MBio*, **2013**, 4, e00569-12 | 7.8 | 87 |
| 36 | Metagenomic study of Helicobacter pylori microdissected from archived formalin-fixed paraffin-embedded biopsy sections **2010**, 11, P42 | | 78 |
| 35 | A comprehensive analysis of common genetic variation in MUC1, MUC5AC, MUC6 genes and risk of stomach cancer. *Cancer Causes and Control*, **2010**, 21, 313-21 | 2.8 | 68 |

| | | | |
|---|---|---|---|
| 34 | MET Exon 14 Skipping in Non-Small Cell Lung Cancer. *Oncologist*, **2016**, 21, 481-6 | 5.7 | 67 |
| 33 | A novel fusion of TPR and ALK in lung adenocarcinoma. *Journal of Thoracic Oncology*, **2014**, 9, 563-6 | 8.9 | 64 |
| 32 | Severity of Acute Cholecystitis and Risk of Iatrogenic Bile Duct Injury During Cholecystectomy, a Population-Based Case-Control Study. *World Journal of Surgery*, **2016**, 40, 1060-7 | 3.3 | 55 |
| 31 | Risk factors for the gastric cardia cancer: a case-control study in Fujian Province. *World Journal of Gastroenterology*, **2003**, 9, 214-8 | 5.6 | 54 |
| 30 | Next-Generation Sequencing and Fluorescence in Situ Hybridization Have Comparable Performance Characteristics in the Analysis of Pancreaticobiliary Brushings for Malignancy. *Journal of Molecular Diagnostics*, **2016**, 18, 124-30 | 5.1 | 52 |
| 29 | Identification of oncogenic mutations and gene fusions in the follicular variant of papillary thyroid carcinoma. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E2457-62 | 5.6 | 47 |
| 28 | Rationally engineered Cas9 nucleases with high genome-wide specificity. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 20969-20976 | 11.5 | 45 |
| 27 | Long-term effects of iatrogenic bile duct injury during cholecystectomy. *Clinical Gastroenterology and Hepatology*, **2009**, 7, 1013-8; quiz 915 | 6.9 | 38 |
| 26 | Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. *Npj Precision Oncology*, **2017**, 1, 5 | 9.8 | 37 |
| 25 | High p53 protein expression in therapy-related myeloid neoplasms is associated with adverse karyotype and poor outcome. *Modern Pathology*, **2015**, 28, 552-63 | 9.8 | 33 |
| 24 | Postmenopausal hormone therapy as a risk factor for gastroesophageal reflux symptoms among female twins. *Gastroenterology*, **2008**, 134, 921-8 | 13.3 | 29 |
| 23 | Titration-free massively parallel pyrosequencing using trace amounts of starting material. *Nucleic Acids Research*, **2010**, 38, e137 | 20.1 | 27 |
| 22 | Combinatorial mutagenesis en masse optimizes the genome editing activities of SpCas9. *Nature Methods*, **2019**, 16, 722-730 | 21.6 | 24 |
| 21 | LIN28 is involved in glioma carcinogenesis and predicts outcomes of glioblastoma multiforme patients. *PLoS ONE*, **2014**, 9, e86446 | 3.7 | 24 |
| 20 | Detection of Dual IDH1 and IDH2 Mutations by Targeted Next-Generation Sequencing in Acute Myeloid Leukemia and Myelodysplastic Syndromes. *Journal of Molecular Diagnostics*, **2015**, 17, 661-8 | 5.1 | 22 |
| 19 | Titration-free 454 sequencing using Y adapters. *Nature Protocols*, **2011**, 6, 1367-76 | 18.8 | 22 |
| 18 | Expressed Gene Fusions as Frequent Drivers of Poor Outcomes in Hormone Receptor-Positive Breast Cancer. *Cancer Discovery*, **2018**, 8, 336-353 | 24.4 | 21 |
| 17 | Effects of estrogen with and without progestin and obesity on symptomatic gastroesophageal reflux. *Gastroenterology*, **2008**, 135, 72-81 | 13.3 | 18 |

| | | | |
|---|---|---|---|
| 16 | Variant Profiling of Candidate Genes in Pancreatic Ductal Adenocarcinoma. *Clinical Chemistry*, **2015**, 61, 1408-16 | 5.5 | 16 |
| 15 | A method for metagenomics of Helicobacter pylori from archived formalin-fixed gastric biopsies permitting longitudinal studies of carcinogenic risk. *PLoS ONE*, **2011**, 6, e26442 | 3.7 | 13 |
| 14 | Is there a link between the lipopolysaccharide of Helicobacter pylori gastric MALT lymphoma associated strains and lymphoma pathogenesis?. *PLoS ONE*, **2009**, 4, e7297 | 3.7 | 11 |
| 13 | Bone Sarcoma With Fusion: Sarcoma With Varied Morphology and Amplification of Fusion Gene Distinct From Ewing Sarcoma. *International Journal of Surgical Pathology*, **2019**, 27, 561-567 | 1.2 | 10 |
| 12 | A Three-Way Combinatorial CRISPR Screen for Analyzing Interactions among Druggable Targets. *Cell Reports*, **2020**, 32, 108020 | 10.6 | 10 |
| 11 | Artificial Intelligence Approach for Variant Reporting. *JCO Clinical Cancer Informatics*, **2018**, 2, | 5.2 | 8 |
| 10 | Highly Multiplexed Fluorescence in Situ Hybridization for in Situ Genomics. *Journal of Molecular Diagnostics*, **2019**, 21, 390-407 | 5.1 | 7 |
| 9 | Genetic variation in a4GnT in relation to Helicobacter pylori serology and gastric cancer risk. *Helicobacter*, **2009**, 14, 120-5 | 4.9 | 6 |
| 8 | Identification of insertions in PTEN and TP53 in anaplastic thyroid carcinoma with angiogenic brain metastasis. *Endocrine-Related Cancer*, **2015**, 22, L23-8 | 5.7 | 4 |
| 7 | Evaluation of endocrine resistance using ESR1 genotyping of circulating tumor cells and plasma DNA. *Breast Cancer Research and Treatment*, **2021**, 188, 43-52 | 4.4 | 4 |
| 6 | Rapid screening of complex DNA samples by single-molecule amplification and sequencing. *PLoS ONE*, **2011**, 6, e19723 | 3.7 | 2 |
| 5 | Deep RNA Sequencing Revealed Fusion Junctional Heterogeneity May Predict Crizotinib Treatment Efficacy in ALK-Rearranged NSCLC. *Journal of Thoracic Oncology*, **2021**, | 8.9 | 2 |
| 4 | High-fidelity KKH variant of Staphylococcus aureus Cas9 nucleases with improved base mismatch discrimination.. *Nucleic Acids Research*, **2022**, | 20.1 | 1 |
| 3 | 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.. *Journal of Clinical Oncology*, **2015**, 33, 8095-8095 | 2.2 | 1 |
| 2 | Defining genome-wide CRISPR-Cas genome-editing nuclease activity with GUIDE-seq. *Nature Protocols*, **2021**, 16, 5592-5615 | 18.8 | 0 |
| 1 | Machine learning-coupled combinatorial mutagenesis enables resource-efficient engineering of CRISPR-Cas9 genome editor activities.. *Nature Communications*, **2022**, 13, 2219 | 17.4 | 0 |