Zongli Zheng

List of Publications by Year
in descending order

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	High-fidelity CRISPRâ€“Cas9 nucleases with no detectable genome-wide off-target effects. Nature, 2016, 529, 490-495.	27.8	2,126
2	GUIDE-seq enables genome-wide profiling of off-target cleavage by CRISPR-Cas nucleases. Nature Biotechnology, 2015, 33, 187-197.	17.5	1,757
3	Crizotinib in ROS1-Rearranged Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2014, 371, 1963-1971.	27.0	1,656
4	Engineered CRISPR-Cas9 nucleases with altered PAM specificities. Nature, 2015, 523, 481-485.	27.8	1,388
5	A Pyrosequencing Study in Twins Shows That Gastrointestinal Microbial Profiles Vary With Inflammatory Bowel Disease Phenotypes. Gastroenterology, 2010, 139, 1844-1854.e1.	1.3	916
6	Ex vivo culture of circulating breast tumor cells for individualized testing of drug susceptibility. Science, 2014, 345, 216-220.	12.6	808
7	Anchored multiplex PCR for targeted next-generation sequencing. Nature Medicine, 2014, 20, 1479-1484.	30.7	705
8	Broadening the targeting range of Staphylococcus aureus CRISPR-Cas9 by modifying PAM recognition. Nature Biotechnology, 2015, 33, 1293-1298.	17.5	511
9	Recurrent and functional regulatory mutations in breast cancer. Nature, 2017, 547, 55-60.	27.8	269
10	Incidence of gastric cancer among patients with gastric precancerous lesions: observational cohort study in a low risk Western population. BMJ, The, 2015, 351, h3867.	6.0	198
11	Durable Clinical Response to Entrectinib in NTRK1-Rearranged Non-Small Cell Lung Cancer. Journal of Thoracic Oncology, 2015, 10, 1670-1674.	1.1	197
12	Lifestyle Factors and Risk for Symptomatic Gastroesophageal Reflux in Monozygotic Twins. Gastroenterology, 2007, 132, 87-95.	1.3	139
13	Unique Genetic and Survival Characteristics of Invasive Mucinous Adenocarcinoma of the Lung. Journal of Thoracic Oncology, 2015, 10, 1156-1162.	1.1	137
14	Impact of next-generation sequencing on the clinical diagnosis of pancreatic cysts. Gastrointestinal Endoscopy, 2016, 83, 140-148.	1.0	119
15	Metagenomic De Novo Assembly of an Aquatic Representative of the Verrucomicrobial Class Spartobacteria. MBio, 2013, 4, e00569-12.	4.1	107
16	MET Exon 14 Skipping in Non-Small Cell Lung Cancer. Oncologist, 2016, 21, 481-486.	3.7	94
17	A Novel Fusion of TPR and ALK in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2014, 9, 563-566.	1.1	83
18	Severity of Acute Cholecystitis and Risk of Iatrogenic Bile Duct Injury During Cholecystectomy, a Populationâ€Based Caseâ€“Control Study. World Journal of Surgery, 2016, 40, 1060-1067.	1.6	81

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19	Rationally engineered Staphylococcus aureus Cas9 nucleases with high genome-wide specificity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20969-20976.	7.1	81
20	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, 124-130.	2.8	79
21	A comprehensive analysis of common genetic variation in MUC1, MUC5AC, MUC6 genes and risk of stomach cancer. Cancer Causes and Control, 2010, 21, 313-321.	1.8	76
22	Risk factors for the gastric cardia cancer: a case-control study in Fujian Province. World Journal of Gastroenterology, 2003, 9, 214.	3.3	58
23	Identification of Oncogenic Mutations and Gene Fusions in the Follicular Variant of Papillary Thyroid Carcinoma. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2457-E2462.	3.6	55
24	Long-Term Effects of Iatrogenic Bile Duct Injury During Cholecystectomy. Clinical Gastroenterology and Hepatology, 2009, 7, 1013-1018.	4.4	54
25	Clinical and radiographic response following targeting of BCAN-NTRK1 fusion in glioneuronal tumor. Npj Precision Oncology, 2017, 1, 5.	5.4	49
26	Postmenopausal Hormone Therapy as a Risk Factor for Gastroesophageal Reflux Symptoms Among Female Twins. Gastroenterology, 2008, 134, 921-928.	1.3	47
27	Combinatorial mutagenesis en masse optimizes the genome editing activities of SpCas9. Nature Methods, 2019, 16, 722-730.	19.0	44
28	High p53 protein expression in therapy-related myeloid neoplasms is associated with adverse karyotype and poor outcome. Modern Pathology, 2015, 28, 552-563.	5.5	42
29	Expressed Gene Fusions as Frequent Drivers of Poor Outcomes in Hormone Receptorâ€“Positive Breast Cancer. Cancer Discovery, 2018, 8, 336-353.	9.4	32
30	LIN28 Is Involved in Glioma Carcinogenesis and Predicts Outcomes of Glioblastoma Multiforme Patients. PLoS ONE, 2014, 9, e86446.	2.5	31
31	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, 661-668.	2.8	31
32	Titration-free massively parallel pyrosequencing using trace amounts of starting material. Nucleic Acids Research, 2010, 38, e137-e137.	14.5	28
33	A Three-Way Combinatorial CRISPR Screen for Analyzing Interactions among Druggable Targets. Cell Reports, 2020, 32, 108020.	6.4	27
34	Defining genome-wide CRISPRâ€“Cas genome-editing nuclease activity with GUIDE-seq. Nature Protocols, 2021, 16, 5592-5615.	12.0	27
35	Effects of Estrogen With and Without Progestin and Obesity on Symptomatic Gastroesophageal Reflux. Gastroenterology, 2008, 135, 72-81.	1.3	24
36	Titration-free 454 sequencing using Y adapters. Nature Protocols, 2011, 6, 1367-1376.	12.0	24

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37	Variant Profiling of Candidate Genes in Pancreatic Ductal Adenocarcinoma. Clinical Chemistry, 2015, 61, 1408-1416.	3.2	21
38	Bone Sarcoma WithEWSR1-NFATC2Fusion: Sarcoma With Varied Morphology and Amplification of Fusion Gene Distinct From Ewing Sarcoma. International Journal of Surgical Pathology, 2019, 27, 561-567.	0.8	17
39	Highly Multiplexed Fluorescence in Situ Hybridization for in Situ Genomics. Journal of Molecular Diagnostics, 2019, 21, 390-407.	2.8	15
40	Deep RNA Sequencing Revealed Fusion Junctional Heterogeneity May Predict Crizotinib Treatment Efficacy in ALK-Rearranged NSCLC. Journal of Thoracic Oncology, 2022, 17, 264-276.	1.1	15
41	A Method for Metagenomics of Helicobacter pylori from Archived Formalin-Fixed Gastric Biopsies Permitting Longitudinal Studies of Carcinogenic Risk. PLoS ONE, 2011, 6, e26442.	2.5	14
42	Artificial Intelligence Approach for Variant Reporting. JCO Clinical Cancer Informatics, 2018, 2, 1-13.	2.1	13
43	Is There a Link between the Lipopolysaccharide of Helicobacter pylori Gastric MALT Lymphoma Associated Strains and Lymphoma Pathogenesis?. PLoS ONE, 2009, 4, e7297.	2.5	12
44	High-fidelity KKH variant of Staphylococcus aureus Cas9 nucleases with improved base mismatch discrimination. Nucleic Acids Research, 2022, 50, 1650-1660.	14.5	11
45	Genetic Variation in a4GnT in Relation to HelicobacterÂpylori Serology and Gastric Cancer Risk. Helicobacter, 2009, 14, 472-477.	3.5	8
46	Evaluation of endocrine resistance using ESR1 genotyping of circulating tumor cells and plasma DNA. Breast Cancer Research and Treatment, 2021, 188, 43-52.	2.5	8
47	Machine learning-coupled combinatorial mutagenesis enables resource-efficient engineering of CRISPR-Cas9 genome editor activities. Nature Communications, 2022, 13, 2219.	12.8	8
48	Noncanonical Gene Fusions Detected at the DNA Level Necessitate Orthogonal Diagnosis Methods Before Targeted Therapy. Journal of Thoracic Oncology, 2021, 16, 344-348.	1.1	6
49	Identification of insertions in PTEN and TP53 in anaplastic thyroid carcinoma with angiogenic brain metastasis. Endocrine-Related Cancer, 2015, 22, L23-L28.	3.1	5
50	Rapid Screening of Complex DNA Samples by Single-Molecule Amplification and Sequencing. PLoS ONE, 2011, 6, e19723.	2.5	2
51	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.	1.6	1
52	Metagenomic study of Helicobacter pylori microdissected from archived formalin-fixed paraffin-embedded biopsy sections. Genome Biology, 2010, 11, P42.	9.6	0