Heng Xu

List of Publications by Year
in descending order

107 papers	5,296 citations	159585 30 h-index	91884 69 g-index
132 all docs	132 docs citations	132 times ranked	9415 citing authors

#	Article	IF	Citations
1	Colocalization of Inflammatory Response with B7-H1 Expression in Human Melanocytic Lesions Supports an Adaptive Resistance Mechanism of Immune Escape. Science Translational Medicine, 2012, 4, 127ra37.	12.4	1,837
2	Inherited GATA3 variants are associated with Ph-like childhood acute lymphoblastic leukemia and risk of relapse. Nature Genetics, 2013, 45, 1494-1498.	21.4	264
3	Novel Susceptibility Variants at 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. Journal of the National Cancer Institute, 2013, 105, 733-742.	6.3	208
4	ARID5B Genetic Polymorphisms Contribute to Racial Disparities in the Incidence and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2012, 30, 751-757.	1.6	165
5	Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. Lancet Oncology, The, 2015, 16, 1659-1666.	10.7	161
6	TP53 Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. Journal of Clinical Oncology, 2018, 36, 591-599.	1.6	121
7	Personalized neoantigen pulsed dendritic cell vaccine for advanced lung cancer. Signal Transduction and Targeted Therapy, 2021, 6, 26.	17.1	112
8	A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. Blood, 2015, 125, 680-686.	1.4	110
9	Common variants in ACYP2 influence susceptibility to cisplatin-induced hearing loss. Nature Genetics, 2015, 47, 263-266.	21.4	109
10	Prognostic significance of frequent CLDN18-ARHGAP26/6 fusion in gastric signet-ring cell cancer. Nature Communications, 2018, 9, 2447.	12.8	100
11	Thrombin induces ACSL4-dependent ferroptosis during cerebral ischemia/reperfusion. Signal Transduction and Targeted Therapy, 2022, 7, 59.	17.1	88
12	CRISPR/Cas9 facilitates investigation of neural circuit disease using human iPSCs: mechanism of epilepsy caused by an SCN1A loss-of-function mutation. Translational Psychiatry, 2016, 6, e703-e703.	4.8	82
13	Induction and Amelioration of Methotrexate-Induced Gastrointestinal Toxicity are Related to Immune Response and Gut Microbiota. EBioMedicine, 2018, 33, 122-133.	6.1	80
14	Characterizing dedifferentiation of thyroid cancer by integrated analysis. Science Advances, 2021, 7, .	10.3	76
15	Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. Nature Communications, 2015, 6, 7553.	12.8	72
16	MicroRNA-214 promotes hepatic stellate cell activation and liver fibrosis by suppressing Sufu expression. Cell Death and Disease, 2018, 9, 718.	6.3	72
17	Metabolismâ€induced tumor activator 1 (MITA1), an Energy Stressâ€“Inducible Long Noncoding RNA, Promotes Hepatocellular Carcinoma Metastasis. Hepatology, 2019, 70, 215-230.	7.3	65
18	LncRNA linc00312 suppresses radiotherapy resistance by targeting DNA-PKcs and impairing DNA damage repair in nasopharyngeal carcinoma. Cell Death and Disease, 2021, 12, 69.	6.3	56

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19	DP7-C-modified liposomes enhance immune responses and the antitumor effect of a neoantigen-based mRNA vaccine. Journal of Controlled Release, 2020, 328, 210-221.	9.9	54
20	The genetic landscape of benign thyroid nodules revealed by whole exome and transcriptome sequencing. Nature Communications, 2017, 8, 15533.	12.8	53
21	Efficacy evaluation of clonazepam for symptom remission in burning mouth syndrome: a metaâ€analysis. Oral Diseases, 2016, 22, 503-511.	3.0	52
22	Genomic evolution and diverse models of systemic metastases in colorectal cancer. Gut, 2022, 71, 322-332.	12.1	51
23	Structural and functional insights into the regulation of the lysisâ€“lysogeny decision in viral communities. Nature Microbiology, 2018, 3, 1285-1294.	13.3	49
24	Prognostic Factors for Checkpoint Inhibitor Based Immunotherapy: An Update With New Evidences. Frontiers in Pharmacology, 2018, 9, 1050.	3.5	48
25	Characteristics of genomic alterations of lung adenocarcinoma in young neverâ€smokers. International Journal of Cancer, 2018, 143, 1696-1705.	5.1	45
26	Novel susceptibility variants at the ERG locus for childhood acute lymphoblastic leukemia in Hispanics. Blood, 2019, 133, 724-729.	1.4	44
27	Personalized neoantigen-pulsed dendritic cell vaccines show superior immunogenicity to neoantigen-adjuvant vaccines in mouse tumor models. Cancer Immunology, Immunotherapy, 2020, 69, 135-145.	4.2	42
28	Impact of NUDT15 polymorphisms on thiopurines-induced myelotoxicity and thiopurines tolerance dose. Oncotarget, 2017, 8, 13575-13585.	1.8	40
29	Topical calcineurin inhibitors in the treatment of oral lichen planus: a systematic review and metaâ€analysis. British Journal of Dermatology, 2019, 181, 1166-1176.	1.5	38
30	Length of the ORF, position of the first AUG and the Kozak motif are important factors in potential dual-coding transcripts. Cell Research, 2010, 20, 445-457.	12.0	35
31	Novel Recurrent Altered Genes in Chinese Patients With Anaplastic Thyroid Cancer. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e988-e998.	3.6	33
32	Prevotella copri is associated with carboplatin-induced gut toxicity. Cell Death and Disease, 2019, 10, 714.	6.3	32
33	Genome-Wide Association Study of Susceptibility Loci for T-Cell Acute Lymphoblastic Leukemia in Children. Journal of the National Cancer Institute, 2019, 111, 1350-1357.	6.3	32
34	Regulatory network of GATA3 in pediatric acute lymphoblastic leukemia. Oncotarget, 2017, 8, 36040-36053.	1.8	30
35	Assessment of Glomerular Filtration Rate in Renal Transplant Patients Using Serum Cystatin C. Transplantation Proceedings, 2006, 38, 2006-2008.	0.6	29
36	Age-Associated Proteomic Signatures and Potential Clinically Actionable Targets of Colorectal Cancer. Molecular and Cellular Proteomics, 2021, 20, 100115.	3.8	29

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37	ARID5B Regulates Leukemia Sensitivity to Antimetabolites in Children with Acute Lymphoblastic Leukemia Via Effects on Cell Cycle Progression. Blood, 2014, 124, 791-791.	1.4	28
38	Association Between PIP4K2A Polymorphisms and Acute Lymphoblastic Leukemia Susceptibility. Medicine (United States), 2016, 95, e3542.	1.0	27
39	Multi-omics approaches identify SF3B3 and SIRT3 as candidate autophagic regulators and druggable targets in invasive breast carcinoma. Acta Pharmaceutica Sinica B, 2021, 11, 1227-1245.	12.0	26
40	Subtypeâ€specific inherited predisposition to pemphigus in the Chinese population. British Journal of Dermatology, 2019, 180, 828-835.	1.5	25
41	ARID5B Influences Antimetabolite Drug Sensitivity and Prognosis of Acute Lymphoblastic Leukemia. Clinical Cancer Research, 2020, 26, 256-264.	7.0	25
42	Combination of common and novel rare NUDT15 variants improves predictive sensitivity of thiopurine-induced leukopenia in children with acute lymphoblastic leukemia. Haematologica, 2018, 103, e293-e295.	3.5	24
43	Genome-Wide Association Studies of HIV-1 Host Control in Ethnically Diverse Chinese Populations. Scientific Reports, 2015, 5, 10879.	3.3	23
44	The Significance of the CLDN18-ARHGAP Fusion Gene in Gastric Cancer: A Systematic Review and Meta-Analysis. Frontiers in Oncology, 2020, 10, 1214.	2.8	23
45	NUDT15 Polymorphism Confer Increased Susceptibility to Thiopurine-Induced Leukopenia in Patients With Autoimmune Hepatitis and Related Cirrhosis. Frontiers in Pharmacology, 2019, 10, 346.	3.5	22
46	GPR39 Overexpression in OSCC Promotes YAP-Sustained Malignant Progression. Journal of Dental Research, 2020, 99, 949-958.	5.2	22
47	The Role of ARID5B in Acute Lymphoblastic Leukemia and Beyond. Frontiers in Genetics, 2020, 11, 598.	2.3	21
48	Alpha defensin-1 attenuates surgically induced osteoarthritis in association with promoting M1 to M2 macrophage polarization. Osteoarthritis and Cartilage, 2021, 29, 1048-1059.	1.3	21
49	A New System Identification Approach to Identify Genetic Variants in Sequencing Studies for a Binary Phenotype. Human Heredity, 2014, 78, 104-116.	0.8	19
50	Presence and diagnostic value of circulating tsncRNA for ovarian tumor. Molecular Cancer, 2018, 17, 163.	19.2	19
51	Prognostic impact of visit-to-visit glycemic variability on the risks of major adverse cardiovascular outcomes and hypoglycemia in patients with different glycemic control and type 2 diabetes. Endocrine, 2019, 64, 536-543.	2.3	19
52	Prognostic and predictive role of DNA mismatch repair status in stage IIâ€III colorectal cancer: A systematic review and metaâ€analysis. Clinical Genetics, 2020, 97, 25-38.	2.0	19
53	RGD-modifided oncolytic adenovirus exhibited potent cytotoxic effect on CAR-negative bladder cancer-initiating cells. Cell Death and Disease, 2015, 6, e1760-e1760.	6.3	18
54	The novel complex combination of alum, CpG ODN and HH2 as adjuvant in cancer vaccine effectively suppresses tumor growth in vivo. Oncotarget, 2017, 8, 45951-45964.	1.8	18

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55	Deep learningâ€based AI model for signetâ€ring cell carcinoma diagnosis and chemotherapy response prediction in gastric cancer. Medical Physics, 2022, 49, 1535-1546.	3.0	17
56	Urinary complement proteins and risk of end-stage renal disease: quantitative urinary proteomics in patients with type 2 diabetes and biopsy-proven diabetic nephropathy. Journal of Endocrinological Investigation, 2021, 44, 2709-2723.	3.3	16
57	PHLDB2 Mediates Cetuximab Resistance via Interacting With EGFR in Latent Metastasis of Colorectal Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1223-1242.	4.5	16
58	Screening of Kozak-motif-located SNPs and analysis of their association with human diseases. Biochemical and Biophysical Research Communications, 2010, 392, 89-94.	2.1	15
59	Long-Term Correction of Copper Metabolism in Wilson's Disease Mice with AAV8 Vector Delivering Truncated ATP7B. Human Gene Therapy, 2019, 30, 1494-1504.	2.7	15
60	ORAOV1-B Promotes OSCC Metastasis via the NF-Î¹B-TNFÎ± Loop. Journal of Dental Research, 2021, 100, 002203452199633.	5.2	15
61	Uncovering the Rare Variants of DLC1 Isoform 1 and Their Functional Effects in a Chinese Sporadic Congenital Heart Disease Cohort. PLoS ONE, 2014, 9, e90215.	2.5	14
62	LINC-PINT impedes DNA repair and enhances radiotherapeutic response by targeting DNA-PKcs in nasopharyngeal cancer. Cell Death and Disease, 2021, 12, 454.	6.3	14
63	The association of hematuria on kidney clinicopathologic features and renal outcome in patients with diabetic nephropathy: a biopsy-based study. Journal of Endocrinological Investigation, 2020, 43, 1213-1220.	3.3	13
64	Regulatory Network and Prognostic Effect Investigation of PIP4K2A in Leukemia and Solid Cancers. Frontiers in Genetics, 2019, 9, 721.	2.3	12
65	A Functional 5'-UTR Polymorphism of MYC Contributes to Nasopharyngeal Carcinoma Susceptibility and Chemoradiotherapy Induced Toxicities. Journal of Cancer, 2019, 10, 147-155.	2.5	12
66	ARL15 overexpression attenuates high glucose-induced impairment of insulin signaling and oxidative stress in human umbilical vein endothelial cells. Life Sciences, 2019, 220, 127-135.	4.3	12
67	Precise control of maxillary multidirectional movement in Le Fort I osteotomy using a surgical guiding device. British Journal of Oral and Maxillofacial Surgery, 2018, 56, 797-804.	0.8	11
68	Long Non-coding RNA Expression Profiling in Biopsy to Identify Renal Allograft at Risk of Chronic Damage and Future Graft Loss. Applied Biochemistry and Biotechnology, 2020, 190, 660-673.	2.9	11
69	Structural and Functional Insights into an Archaeal Lipid Synthase. Cell Reports, 2020, 33, 108294.	6.4	11
70	Intensive Glucose Control Reduces the Risk Effect of TRIB3, SMARCD3, and ATF6 Genetic Variation on Diabetic Vascular Complications. Frontiers in Pharmacology, 2018, 9, 1422.	3.5	10
71	Association of the independent polymorphisms in CDKN2A with susceptibility of acute lymphoblastic leukemia. Bioscience Reports, 2018, 38, .	2.4	10
72	Proteomic Maps of Human Gastrointestinal Stromal Tumor Subgroups*. Molecular and Cellular Proteomics, 2019, 18, 923a-935.	3.8	10

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73	Bioconcentration Factors and Potential Human Health Risks of Heavy Metals in Cultivated Lentinus edodes in Chengdu, People's Republic of China. Journal of Food Protection, 2015, 78, 390-395.	1.7	9
74	Mitomycin C reduces haze formation in rabbits after excimer laser photorefractive keratectomy. Journal of Refractive Surgery, 2001, 17, 342-9.	2.3	9
75	Cause-specific risk of major adverse cardiovascular outcomes and hypoglycemic in patients with type 2 diabetes: a multicenter prospective cohort study. Endocrine, 2019, 63, 44-51.	2.3	8
76	Prognostic effect of high-flux hemodialysis in patients with chronic kidney disease. Brazilian Journal of Medical and Biological Research, 2016, 49, e4708.	1.5	7
77	Novel Gene and Network Associations Found for Acute Lymphoblastic Leukemia Using Caseâ€"Control and Family-Based Studies in Multiethnic Populations. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1531-1539.	2.5	7
78	Association of recurrent APOBEC3B alterations with the prognosis of gastric-type cervical adenocarcinoma. Gynecologic Oncology, 2022, 165, 105-113.	1.4	7
79	ANI analysis of poxvirus genomes reveals its potential application to viral species rank demarcation. Virus Evolution, 2022, 8, .	4.9	7
80	Response. Journal of the National Cancer Institute, 2013, 105, 1512-1513.	6.3	6
81	Rare gene variants in a patient with azathioprine-induced lethal myelosuppression. Annals of Hematology, 2017, 96, 2131-2133.	1.8	6
82	Triterpenoids with antioxidant activities from Myricaria squamosa. Journal of Asian Natural Products Research, 2018, 20, 292-298.	1.4	6
83	Polytropic Influence of TRIB3 rs2295490 Genetic Polymorphism on Response to Antihypertensive Agents in Patients With Essential Hypertension. Frontiers in Pharmacology, 2019, 10, 236.	3.5	5
84	Novel GLI3 Mutations in Chinese Patients with Non-syndromic Post-axial Polydactyly. Current Molecular Medicine, 2019, 19, 228-235.	1.3	5
85	CSF glutamate level decreases in heavy smokers and negatively correlates with BDI scores. Psychiatry Research, 2018, 270, 627-630.	3.3	4
86	The influence of telmisartan on metformin pharmacokinetics and pharmacodynamics. Journal of Pharmacological Sciences, 2019, 139, 37-41.	2.5	4
87	Improvement of Neoantigen Identification Through Convolution Neural Network. Frontiers in Immunology, 2021, 12, 682103.	4.8	4
88	Longitudinal Genomic Evolution of Conventional Papillary Thyroid Cancer With Brain Metastasis. Frontiers in Oncology, 2021, 11, 620924.	2.8	4
89	Characteristics of an established retinoblastoma cell line HXO-Rb44. Yan Ke Xue Bao = Eye Science, 1995, 11, 16-21.	0.1	4
90	Evidence of genetic factors involved in oral lichen planus pathogenesis. Oral Diseases, 2018, 24, 864-865.	3.0	3

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91	Chrysophanol Relieves Cisplatin-Induced Nephrotoxicity via Concomitant Inhibition of Oxidative Stress, Apoptosis, and Inflammation. Frontiers in Physiology, 2021, 12, 706359.	2.8	3
92	Rational Discovery of Response Biomarkers: Candidate Prognostic Factors and Biomarkers for Checkpoint Inhibitor-Based Immunotherapy. Advances in Experimental Medicine and Biology, 2020, 1248, 143-166.	1.6	3
93	Significant benefits of osimertinib in treating acquired resistance to first-generation EGFR-TKIs in lung squamous cell cancer: A case report. World Journal of Clinical Cases, 2019, 7, 1221-1229.	0.8	3
94	PDE4B Modulates Glucocorticoid Sensitivity in Childhood Acute Lymphoblastic Leukemia. Blood, 2012, 120, 530-530.	1.4	3
95	Quantum yield and lifetime data analysis for the UV curable quantum dot nanocomposites. Data in Brief, 2016, 6, 614-618.	1.0	2
96	Reduced cortical thickness related to single nucleotide polymorphisms in the major histocompatibility complex region in antipsychoticâ€naive schizophrenia. Brain and Behavior, 2019, 9, e01253.	2.2	2
97	Genetic polymorphisms near IL-21 gene associated with Th17 cytokines confer risk for systemic lupus erythematosus in Chinese Han population. Lupus, 2019, 28, 406-413.	1.6	2
98	Fas-Associated Factor 1 Promotes Hepatic Insulin Resistance via JNK Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	4.0	2
99	Leukemia Risk Gene ARID5B is a Crucial Regulator of B-Cell Development. Blood, 2018, 132, 385-385.	1.4	2
100	Genome-wide analysis identify novel germline genetic variations in ADCY1 influencing platinum-based chemotherapy response in non-small cell lung cancer. Acta Pharmaceutica Sinica B, 2021, 12, 1514-1522.	12.0	2
101	Genome-Wide Association Study Identifies a Novel Susceptibility Locus At 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethinically Diverse Populations. Blood, 2012, 120, 877-877.	1.4	2
102	Insights of Acute Lymphoblastic Leukemia with Development of Genomic Investigation. Methods in Molecular Biology, 2018, 1754, 387-413.	0.9	1
103	A functional variant in CHK1 contributes to increased risk of nasopharyngeal carcinoma in a Han Chinese population. Journal of Cellular Biochemistry, 2020, 121, 3248-3255.	2.6	1
104	ARID5B Genetic Polymorphisms Contribute to Racial Disparities In Childhood Acute Lymphoblastic Leukemia: A Children's Oncology Group Study. Blood, 2010, 116, 8-8.	1.4	1
105	Prenatal diagnosis of ductal origin of distal pulmonary artery: presentation of three cases and literature review. Ultrasound in Obstetrics and Gynecology, 2022, 60, 284-290.	1.7	1
106	Case Report: Brachydactyly Type A1 Induced by a Novel Variant of in-Frame Insertion in the IHH Gene. Frontiers in Genetics, 2022, 13, .	2.3	1
107	CEBPE promoter SNPs, caught red handed? A commentary on identification of functional nucleotide and haplotype variants in the promoter of the CEBPE gene. Journal of Human Genetics, 2013, 58, 571-572.	2.3	0