Minghua Yang

List of Publications by Year
in descending order

39 papers	7,240 citations	304743 22 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	16714 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	PKM2-dependent glycolysis promotes NLRP3 and AIM2 inflammasome activation. Nature Communications, 2016, 7, 13280.	12.8	356
3	PKM2 regulates the Warburg effect and promotes HMGB1 release in sepsis. Nature Communications, 2014, 5, 4436.	12.8	346
4	The ferroptosis inducer erastin enhances sensitivity of acute myeloid leukemia cells to chemotherapeutic agents. Molecular and Cellular Oncology, 2015, 2, e1054549.	0.7	301
5	Clockphagy is a novel selective autophagy process favoring ferroptosis. Science Advances, 2019, 5, eaaw2238.	10.3	286
6	Effect of Dasatinib vs Imatinib in the Treatment of Pediatric Philadelphia Chromosomeâ€“Positive Acute Lymphoblastic Leukemia. JAMA Oncology, 2020, 6, 358.	7.1	159
7	The Circadian Clock Controls Immune Checkpoint Pathway in Sepsis. Cell Reports, 2018, 24, 366-378.	6.4	120
8	Serum ferritin as an independent risk factor for severity in COVID-19 patients. Journal of Infection, 2020, 81, 647-679.	3.3	116
9	Autophagic degradation of the circadian clock regulator promotes ferroptosis. Autophagy, 2019, 15, 2033-2035.	9.1	96
10	Chloroquine inhibits HMGB1 inflammatory signaling and protects mice from lethal sepsis. Biochemical Pharmacology, 2013, 86, 410-418.	4.4	89
11	S100A8 Contributes to Drug Resistance by Promoting Autophagy in Leukemia Cells. PLoS ONE, 2014, 9, e97242.	2.5	68
12	Lipid Metabolism in Ferroptosis. Advanced Biology, 2021, 5, e2100396.	2.5	65
13	HMGB1â€“DNA complex-induced autophagy limits AIM2 inflammasome activation through RAGE. Biochemical and Biophysical Research Communications, 2014, 450, 851-856.	2.1	61
14	Poly-ADP-ribosylation of HMGB1 regulates TNFSF10/TRAIL resistance through autophagy. Autophagy, 2015, 11, 214-224.	9.1	56
15	Treatment abandonment in childhood acute lymphoblastic leukaemia in China: a retrospective cohort study of the Chinese Childrenâ€™s Cancer Group. Archives of Disease in Childhood, 2019, 104, 522-529.	1.9	55
16	Prognostic factors for CNS control in children with acute lymphoblastic leukemia treated without cranial irradiation. Blood, 2021, 138, 331-343.	1.4	46
17	HMGB1 regulates erastin-induced ferroptosis via RAS-JNK/p38 signaling in HL-60/NRAS cells. American Journal of Cancer Research, 2019, 9, 730-739.	1.4	44
18	Pulse therapy with vincristine and dexamethasone for childhood acute lymphoblastic leukaemia (CCCG-ALL-2015): an open-label, multicentre, randomised, phase 3, non-inferiority trial. Lancet Oncology, The, 2021, 22, 1322-1332.	10.7	42

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19	TFAM is a novel mediator of immunogenic cancer cell death. OncoImmunology, 2018, 7, e1431086.	4.6	29
20	Long non-coding RNA SNHG5 regulates chemotherapy resistance through the miR-32/DNAJB9 axis in acute myeloid leukemia. Biomedicine and Pharmacotherapy, 2020, 123, 109802.	5.6	29
21	Strategic plan for management of COVID-19 in paediatric haematology and oncology departments. Lancet Haematology,the, 2020, 7, e359-e362.	4.6	25
22	HMGB1 promotes differentiation syndrome by inducing hyperinflammation via MEK/ERK signaling in acute promyelocytic leukemia cells. Oncotarget, 2017, 8, 27314-27327.	1.8	23
23	Extracellular HMGB1 prevents necroptosis in acute myeloid leukemia cells. Biomedicine and Pharmacotherapy, 2019, 112, 108714.	5.6	18
24	Reactive oxygen species regulate the differentiation of acute promyelocytic leukemia cells through HMGB1-mediated autophagy. American Journal of Cancer Research, 2015, 5, 714-25.	1.4	17
25	Targeting NF-ÎºBâ€“dependent alkaliptosis for the treatment of venetoclax-resistant acute myeloid leukemia cells. Biochemical and Biophysical Research Communications, 2021, 562, 55-61.	2.1	15
26	The role of circular RNAs in hematological malignancies. Genomics, 2020, 112, 4000-4008.	2.9	14
27	MgO Nanoparticles Protect against Titanium Particle-Induced Osteolysis in a Mouse Model Because of Their Positive Immunomodulatory Effect. ACS Biomaterials Science and Engineering, 2020, 6, 3005-3014.	5.2	13
28	Bibliometric Evaluation of 2012â€“2020 Publications on Ferroptosis in Cancer Treatment. Frontiers in Cell and Developmental Biology, 2021, 9, 793347.	3.7	13
29	Facile synthesis of multi-functional nano-composites by precise loading of Cu2+ onto MgO nano-particles for enhanced osteoblast differentiation, inhibited osteoclast formation and effective bacterial killing. Materials Science and Engineering C, 2021, 130, 112442.	7.3	8
30	Blastic plasmacytoid dendritic cell neoplasm in children: A review of two cases. Molecular and Clinical Oncology, 2017, 7, 709-715.	1.0	7
31	Clinical characteristics of tumor lysis syndrome in childhood acute lymphoblastic leukemia. Scientific Reports, 2021, 11, 9656.	3.3	6
32	Fanconi anemia in twins with neutropenia: A case report. Oncology Letters, 2018, 16, 5325-5330.	1.8	5
33	Ataxiaâ€telangiectasia with a novel ATM gene mutation and Burkitt leukemia: A case report. Molecular and Clinical Oncology, 2018, 9, 493-498.	1.0	3
34	Evaluation of Essential and Toxic Elements in the Blood of 0â€“14-Year-Old Children in Hunan, China From 2013 to 2019: A Retrospective Analysis. Frontiers in Public Health, 2022, 10, 739880.	2.7	3
35	Myeloid heme oxygenase-1 a new therapeutic target in anti-inflammation. Frontiers in Bioscience - Landmark, 2018, 23, 2001-2015.	3.0	2
36	Homoharringtonine combined with cladribine and aclarubicin (HCA) in acute myeloid leukemia: A new regimen of conventional drugs and its mechanism. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	4.0	2

#	Article	IF	Citations
37	A Multicenter Randomized Non-Inferiority Study of Homoharringtonine Versus Etoposide in Induction Phase for Chinese Childhood Acute Myeloid Leukemia - a Report from China Children's Leukemia Group (CCLG). Blood, 2019, 134, 1356-1356.	1.4	1
38	Effect of Dasatinib Vs Imatinib in the Treatment of Pediatric Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia: A Randomized, Open-Label, Multicenter Study of the Chinese Children's Cancer Group. Blood, 2019, 134, 828-828.	1.4	0
39	Lack of Benefit of Extended Vincristine and Dexamethasone Pulses during Maintenance Treatment of Childhood Acute Lymphoblastic Leukemia: A Multicenter Randomized Controlled Study of Chinese Children Cancer Group (CCCG)-ALL-2015. Blood, 2019, 134, 2576-2576.	1.4	0