

# Anskar Yu-Hung Leung

## List of Publications by Year in descending order

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62  
papers

3,614  
citations

201575

27  
h-index

138417

58  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and Risk of De Novo Hepatitis B Infection in HBsAg-“Negative Patients Undergoing Cytotoxic Chemotherapy. <i>Gastroenterology</i> , 2006, 131, 59-68.	0.6	440
2	Efficient RNA drug delivery using red blood cell extracellular vesicles. <i>Nature Communications</i> , 2018, 9, 2359.	5.8	402
3	Quizartinib versus salvage chemotherapy in relapsed or refractory FLT3-ITD acute myeloid leukaemia (QuANTUM-R): a multicentre, randomised, controlled, open-label, phase 3 trial. <i>Lancet Oncology</i> , The, 2019, 20, 984-997.	5.1	330
4	Sorafenib treatment of FLT3-ITD+ acute myeloid leukemia: favorable initial outcome and mechanisms of subsequent nonresponsiveness associated with the emergence of a D835 mutation. <i>Blood</i> , 2012, 119, 5133-5143.	0.6	258
5	Quantification of polyoma BK viremia in hemorrhagic cystitis complicating bone marrow transplantation. <i>Blood</i> , 2001, 98, 1971-1978.	0.6	247
6	Fluorescent Probe HKSOX-1 for Imaging and Detection of Endogenous Superoxide in Live Cells and In Vivo. <i>Journal of the American Chemical Society</i> , 2015, 137, 6837-6843.	6.6	235
7	Ciprofloxacin Decreased Polyoma BK Virus Load in Patients Who Underwent Allogeneic Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2005, 40, 528-537.	2.9	207
8	Synthetic lethal targeting of oncogenic transcription factors in acute leukemia by PARP inhibitors. <i>Nature Medicine</i> , 2015, 21, 1481-1490.	15.2	134
9	Real-time quantitative analysis of polyoma BK viremia and viruria in renal allograft recipients. <i>Journal of Virological Methods</i> , 2002, 103, 51-56.	1.0	78
10	Antioxidant N-acetyl-l-cysteine increases engraftment of human hematopoietic stem cells in immune-deficient mice. <i>Blood</i> , 2014, 124, e45-e48.	0.6	74
11	Pim kinases modulate resistance to FLT3 tyrosine kinase inhibitors in FLT3-ITD acute myeloid leukemia. <i>Science Advances</i> , 2015, 1, e1500221.	4.7	73
12	Relationship of Pretransplantation Polyoma BK Virus Serologic Findings and BK Viral Reactivation after Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2007, 44, 830-837.	2.9	71
13	Proliferating cell nuclear antigen (PCNA) as a proliferative marker during embryonic and adult zebrafish hematopoiesis. <i>Histochemistry and Cell Biology</i> , 2005, 124, 105-111.	0.8	63
14	The role of jak2a in zebrafish hematopoiesis. <i>Blood</i> , 2007, 110, 1824-1830.	0.6	56
15	Genetic polymorphism in exon 4 of cytochrome P450 CYP2C9 may be associated with warfarin sensitivity in Chinese patients. <i>Blood</i> , 2001, 98, 2584-2587.	0.6	55
16	Homoharringtonine (omacetaxine mepesuccinate) as an adjunct for FLT3 ITD acute myeloid leukemia. <i>Science Translational Medicine</i> , 2016, 8, 359ra129.	5.8	53
17	Functions of flt3 in zebrafish hematopoiesis and its relevance to human acute myeloid leukemia. <i>Blood</i> , 2014, 123, 2518-2529.	0.6	51
18	Molecular and Cellular Mechanisms of Myelodysplastic Syndrome: Implications on Targeted Therapy. <i>International Journal of Molecular Sciences</i> , 2016, 17, 440.	1.8	50

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19	Suppression of SOX7 by DNA methylation and its tumor suppressor function in acute myeloid leukemia. <i>Blood</i> , 2015, 125, 3928-3936.	0.6	47
20	Characterization of expanded intermediate cell mass in zebrafish chordin morphant embryos. <i>Developmental Biology</i> , 2005, 277, 235-254.	0.9	43
21	Fludarabine, mitoxantrone and dexamethasone in the treatment of indolent B- and T-cell lymphoid malignancies in Chinese patients. <i>British Journal of Haematology</i> , 2004, 124, 754-761.	1.2	39
22	Overcoming Resistance to FLT3 Inhibitors in the Treatment of FLT3-Mutated AML. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1537.	1.8	37
23	<scp>COVID</scp>â€19 vaccines and risks of hematological abnormalities: Nested caseâ€control and selfâ€controlled case series study. <i>American Journal of Hematology</i> , 2022, 97, 470-480.	2.0	37
24	A novel tescalcin-sodium/hydrogen exchange axis underlying sorafenib resistance in FLT3-ITD+ AML. <i>Blood</i> , 2014, 123, 2530-2539.	0.6	36
25	Biophysical characterization of hematopoietic cells from normal and leukemic sources with distinct primitiveness. <i>Applied Physics Letters</i> , 2011, 99, 083702.	1.5	33
26	FLT3 inhibitors: clinical potential in acute myeloid leukemia. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 607-615.	1.0	33
27	Transcriptome analysis reveals a ribosome constituents disorder involved in the RPL5 downregulated zebrafish model of Diamond-Blackfan anemia. <i>BMC Medical Genomics</i> , 2016, 9, 13.	0.7	32
28	Distinct mutation spectrum, clinical outcome and therapeutic responses of typical complex/monosomy karyotype acute myeloid leukemia carrying <i>TP53</i> mutations. <i>American Journal of Hematology</i> , 2019, 94, 650-657.	2.0	30
29	Quantification of Adenovirus in the Lower Respiratory Tract of Patients without Clinical Adenovirus-Related Respiratory Disease. <i>Clinical Infectious Diseases</i> , 2005, 40, 1541-1544.	2.9	29
30	Rapid versus gradual lung function decline in bronchiolitis obliterans syndrome after haematopoietic stem cell transplantation is associated with survival outcome. <i>Respirology</i> , 2019, 24, 459-466.	1.3	29
31	Functions of idh1 and its mutation in the regulation of developmental hematopoiesis in zebrafish. <i>Blood</i> , 2015, 125, 2974-2984.	0.6	23
32	Proton export alkalinizes intracellular pH and reprograms carbon metabolism to drive normal and malignant cell growth. <i>Blood</i> , 2022, 139, 502-522.	0.6	23
33	Regulation of primitive hematopoiesis in zebrafish embryos by the death receptor gene. <i>Experimental Hematology</i> , 2006, 34, 27-34.	0.2	22
34	High incidence of tuberculosis after alemtuzumab treatment in Hong Kong Chinese patients. <i>Leukemia Research</i> , 2008, 32, 547-551.	0.4	22
35	Surface-engineered extracellular vesicles for targeted delivery of therapeutic RNAs and peptides for cancer therapy. <i>Theranostics</i> , 2022, 12, 3288-3315.	4.6	22
36	INDELseek: detection of complex insertions and deletions from next-generation sequencing data. <i>BMC Genomics</i> , 2017, 18, 16.	1.2	19

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37	Sorafenib and omacetaxine mepesuccinate as a safe and effective treatment for acute myeloid leukemia carrying internal tandem duplication of Fms-like tyrosine kinase 3. <i>Cancer</i> , 2020, 126, 344-353.	2.0	19
38	Integrating Functional Analysis in the Next-Generation Sequencing Diagnostic Pipeline of RASopathies. <i>Scientific Reports</i> , 2018, 8, 2421.	1.6	17
39	Treatment of acute myeloid leukemia in the next decade – Towards real-time functional testing and personalized medicine. <i>Blood Reviews</i> , 2017, 31, 418-425.	2.8	15
40	Functional reconstruction of human AML reveals stem cell origin and vulnerability of treatment-resistant MLL-rearranged leukemia. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	15
41	All-trans retinoic acid (ATRA) enhances maintenance of primitive human hematopoietic progenitors and skews them towards myeloid differentiation in a stroma-noncontact culture system. <i>Experimental Hematology</i> , 2005, 33, 422-427.	0.2	14
42	Follistatin is a novel therapeutic target and biomarker in FLT3/ITD acute myeloid leukemia. <i>EMBO Molecular Medicine</i> , 2020, 12, e10895.	3.3	14
43	Azacitidine as post-remission consolidation for sorafenib-induced remission of Fms-like tyrosine kinase-3 internal tandem duplication positive acute myeloid leukemia. <i>Haematologica</i> , 2015, 100, e250-e253.	1.7	11
44	Cell adhesion manipulation through single cell assembly for characterization of initial cell-to-cell interaction. <i>BioMedical Engineering OnLine</i> , 2015, 14, 114.	1.3	11
45	FLT3/internal tandem duplication subclones in acute myeloid leukemia differ in their engraftment potential in NOD/SCID mice. <i>Leukemia Research</i> , 2010, 34, 119-122.	0.4	10
46	Stem Cell Model of Hematopoiesis. <i>Current Stem Cell Research and Therapy</i> , 2006, 1, 305-315.	0.6	10
47	Redefining prognostication of de novo cytogenetically normal acute myeloid leukemia in young adults. <i>Blood Cancer Journal</i> , 2020, 10, 104.	2.8	7
48	Effects of statins on the inducible degrader of low-density lipoprotein receptor in familial hypercholesterolemia. <i>Endocrine Connections</i> , 2022, 11, .	0.8	6
49	Single Cell Sequencing Reveals Evolution of Tumor Heterogeneity of Acute Myeloid Leukemia on Quizartinib. <i>Blood</i> , 2019, 134, 1440-1440.	0.6	5
50	Function of Arl4aa in the Initiation of Hematopoiesis in Zebrafish by Maintaining Golgi Complex Integrity in Hemogenic Endothelium. <i>Stem Cell Reports</i> , 2020, 14, 575-589.	2.3	4
51	Fishing the targets of myeloid malignancies in the era of next generation sequencing. <i>Blood Reviews</i> , 2016, 30, 119-130.	2.8	3
52	Diverse pathogenetic roles of SOX genes in acute myeloid leukaemia and their therapeutic implications. <i>Seminars in Cancer Biology</i> , 2020, 67, 24-29.	4.3	3
53	A Phase II Single-Arm Open-Labelled Study Evaluating Combination of Quizartinib and Omacetaxine Mepesuccinate (QUIZOM) in Newly Diagnosed or Relapsed/Refractory AML Carrying FLT3-ITD. <i>Blood</i> , 2019, 134, 3825-3825.	0.6	3
54	A Zebrafish Model for Evaluating the Function of Human Leukemic Gene IDH1 and Its Mutation. <i>Methods in Molecular Biology</i> , 2017, 1633, 193-218.	0.4	2

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55	Treatment of Relapsed Acute Promyelocytic Leukemia by Arsenic-Based Strategies without Hematopoietic Stem Cell Transplantation in Hong Kong: A Seven-Year Experience.. Blood, 2004, 104, 395-395.	0.6	2
56	Pivotal role of cytosolic phospholipase PLA2G4A in the pathogenesis of FLT3-ITD-mutated acute myeloid leukemia. Genes and Diseases, 2023, 10, 22-25.	1.5	2
57	Regulation of proton partitioning in kinase-activating acute myeloid leukemia and its therapeutic implication. Leukemia, 2022, 36, 1990-2001.	3.3	2
58	Targeting DNA Damage and Repair in Acute Myeloid Leukemia Carrying Internal Tandem Duplication of Fms-like Tyrosine Kinase 3 (FLT3-ITD) - a Mechanistic Study. Blood, 2019, 134, 1261-1261.	0.6	1
59	Targeted therapies in T-cell malignancies. Targeted Oncology, 2007, 2, 39-47.	1.7	0
60	Characterizing the micromechanical properties of myeloblasts from cancer patients with optical tweezers. , 2010, , .		0
61	Acquired Fms-Like Tyrosine Kinase 3 Internal Tandem Duplication (FLT3 ITD) During Leukaemic Transformation From Underlying Myelodysplasia: Successful Rescue with Sorafenib. Blood, 2012, 120, 4927-4927.	0.6	0
62	A Mutation Pentad Defined Outcome of De Novo and Cytogenetically Normal Acute Myeloid Leukaemia in Young Adults. Blood, 2019, 134, 1400-1400.	0.6	0