Yan Lu

List of Publications by Year
in descending order

56 papers	1,838 citations	279798 23 h-index	289244 40 g-index
58 all docs	58 docs citations	58 times ranked	2667 citing authors

#	Article	IF	Citations
1	Circ2Disease: a manually curated database of experimentally validated circRNAs in human disease. Scientific Reports, 2018, 8, 11018.	3.3	123
2	tRNA-derived RNA fragments in cancer: current status and future perspectives. Journal of Hematology and Oncology, 2020, 13, 121.	17.0	110
3	Palmitoylation of NOD1 and NOD2 is required for bacterial sensing. Science, 2019, 366, 460-467.	12.6	109
4	Long noncoding RNA LCAT1 functions as a ceRNA to regulate RAC1 function by sponging miR-4715-5p in lung cancer. Molecular Cancer, 2019, 18, 171.	19.2	106
5	CircPLEKHM3 acts as a tumor suppressor through regulation of the miR-9/BRCA1/DNAJB6/KLF4/AKT1 axis in ovarian cancer. Molecular Cancer, 2019, 18, 144.	19.2	99
6	Exosomal let-7d-3p and miR-30d-5p as diagnostic biomarkers for non-invasive screening of cervical cancer and its precursors. Molecular Cancer, 2019, 18, 76.	19.2	98
7	DriverML: a machine learning algorithm for identifying driver genes in cancer sequencing studies. Nucleic Acids Research, 2019, 47, e45-e45.	14.5	91
8	LCAT3, a novel m6A-regulated long non-coding RNA, plays an oncogenic role in lung cancer via binding with FUBP1 to activate c-MYC. Journal of Hematology and Oncology, 2021, 14, 112.	17.0	85
9	Alternative polyadenylation: methods, mechanism, function, and role in cancer. Journal of Experimental and Clinical Cancer Research, 2021, 40, 51.	8.6	75
10	Effect of intravitreal injection of bevacizumab-chitosan nanoparticles on retina of diabetic rats. International Journal of Ophthalmology, 2014, 7, 1-7.	1.1	61
11	Association between Glaucoma and Obstructive Sleep Apnea Syndrome: A Meta-Analysis and Systematic Review. PLoS ONE, 2015, 10, e0115625.	2.5	59
12	Plasma-derived exosomal miR-15a-5p as a promising diagnostic biomarker for early detection of endometrial carcinoma. Molecular Cancer, 2021, 20, 57.	19.2	59
13	Recent developments in mesoporous polydopamine-derived nanoplatforms for cancer theranostics. Journal of Nanobiotechnology, 2021, 19, 387.	9.1	45
14	Smoker and non-smoker lung adenocarcinoma is characterized by distinct tumor immune microenvironments. OncoImmunology, 2018, 7, e1494677.	4.6	44
15	Machine learning-based LIBS spectrum analysis of human blood plasma allows ovarian cancer diagnosis. Biomedical Optics Express, 2021, 12, 2559.	2.9	40
16	OncotRF: an online resource for exploration of tRNA-derived fragments in human cancers. RNA Biology, 2020, 17, 1081-1091.	3.1	39
17	Analysis of PD-L1 expression in trophoblastic tissues and tumors. Human Pathology, 2019, 84, 202-212.	2.0	35
18	Long-read sequencing unveils high-resolution HPV integration and its oncogenic progression in cervical cancer. Nature Communications, 2022, 13, 2563.	12.8	34

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19	Combining a BCL2 Inhibitor with the Retinoid Derivative Fenretinide Targets Melanoma Cells Including Melanoma Initiating Cells. Journal of Investigative Dermatology, 2015, 135, 842-850.	0.7	30
20	A comprehensive evaluation of alignment software for reduced representation bisulfite sequencing data. Bioinformatics, 2018, 34, 2715-2723.	4.1	29
21	Use of a MCL-1 inhibitor alone to de-bulk melanoma and in combination to kill melanoma initiating cells. Oncotarget, 2017, 8, 46801-46817.	1.8	28
22	Diagnostic and clinical utility of whole genome sequencing in a cohort of undiagnosed Chinese families with rare diseases. Scientific Reports, 2019, 9, 19365.	3.3	28
23	Genomic/Epigenomic Alterations in Ovarian Carcinoma: Translational Insight into Clinical Practice. Journal of Cancer, 2016, 7, 1441-1451.	2.5	25
24	Epidemiological Assessment of Imported Coronavirus Disease 2019 (COVID-19) Cases in the Most Affected City Outside of Hubei Province, Wenzhou, China. JAMA Network Open, 2020, 3, e206785.	5.9	25
25	An integrated epigenomic-transcriptomic landscape of lung cancer reveals novel methylation driver genes of diagnostic and therapeutic relevance. Theranostics, 2021, 11, 5346-5364.	10.0	23
26	Combining a GSI and BCL-2 inhibitor to overcome melanoma's resistance to current treatments. Oncotarget, 2016, 7, 84594-84607.	1.8	23
27	deGPS is a powerful tool for detecting differential expression in RNA-sequencing studies. BMC Genomics, 2015, 16, 455.	2.8	21
28	Screening ovarian cancers with Raman spectroscopy of blood plasma coupled with machine learning data processing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120355.	3.9	20
29	Limb girdle muscular dystrophy D3 HNRNPDL related in a Chinese family with distal muscle weakness caused by a mutation in the prion-like domain. Journal of Neurology, 2019, 266, 498-506.	3.6	19
30	Targeted, Deep Sequencing Reveals Full Methylation Profiles of Multiple HPV Types and Potential Biomarkers for Cervical Cancer Progression. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 642-650.	2.5	18
31	Global identification and characterization of tRNA-derived RNA fragment landscapes across human cancers. NAR Cancer, 2020, 2, zcaa031.	3.1	18
32	A Subpopulation of Intracellular Neisseria gonorrhoeae Escapes Autophagy-Mediated Killing Inside Epithelial Cells. Journal of Infectious Diseases, 2019, 219, 133-144.	4.0	17
33	Femtosecond laser-assisted deep anterior lamellar keratoplasty for keratoconus and keratectasia. International Journal of Ophthalmology, 2014, 7, 638-43.	1.1	17
34	Identification of Cathepsin K in the Peritoneal Metastasis of Ovarian Carcinoma Using In-silico, Gene Expression Analysis. Journal of Cancer, 2016, 7, 722-729.	2.5	15
35	Teleophthalmology: where are we now?. Arquivos Brasileiros De Oftalmologia, 2017, 80, 401-406.	0.5	15
36	MicroRNA and Long Non-Coding RNA in Ovarian Carcinoma: Translational Insights and Potential Clinical Applications. Cancer Investigation, 2016, 34, 465-476.	1.3	14

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37	Detection of EspB using reversed passive latex agglutination: application to determination of enteropathogenic Escherichia coli. Diagnostic Microbiology and Infectious Disease, 2002, 43, 7-12.	1.8	13
38	Visual outcomes and optical quality after implantation of a diffractive multifocal toric intraocular lens. Indian Journal of Ophthalmology, 2016, 64, 285.	1.1	13
39	Comparison of femtosecond laser-assisted descemetic and predescemetic lamellar keratoplasty for keratoconus. Indian Journal of Ophthalmology, 2017, 65, 19.	1.1	13
40	Femtosecond laser-assisted anterior lamellar keratoplasty for the treatment of stromal corneal pathology. BMC Ophthalmology, 2015, 15, 15.	1.4	12
41	Anti-seizure Medication Prescription in Adult Outpatients With Epilepsy in China, 2013â€"2018. Frontiers in Neurology, 2021, 12, 649589.	2.4	11
42	Pooled-analysis of the associations between three polymorphisms in the VEGF gene and age-related macular degeneration. Molecular Biology Reports, 2012, 39, 6547-6553.	2.3	10
43	A comprehensive evaluation of computational tools to identify differential methylation regions using RRBS data. Genomics, 2020, 112, 4567-4576.	2.9	9
44	Integrated analysis of virus and host transcriptomes in cervical cancer in Asian and Western populations. Genomics, 2021, 113, 1554-1564.	2.9	9
45	Singleâ€Cell Transcriptomic Analysis. , 2020, 10, 767-783.		8
46	Improved rat genome gene prediction by integration of ESTs with RNA-Seq information. Bioinformatics, 2015, 31, 25-32.	4.1	6
47	Femtosecond laser-assisted deep anterior lamellar keratoplasty with big-bubble technique for keratoconus. Indian Journal of Ophthalmology, 2016, 64, 639.	1.1	6
48	Bimanual irrigation-aspiration for ectopia lentis and use of a small incision for 4-point scleral-sutured foldable intraocular lens and anterior vitrectomy in patients with Marfan syndrome. Indian Journal of Ophthalmology, 2019, 67, 1629.	1.1	6
49	The potential oncogenic and MLN4924-resistant effects of CSN5 on cervical cancer cells. Cancer Cell International, 2021, 21, 369.	4.1	5
50	The role of cell mediated immunopathogenesis in thyroid-associated ophthalmopathy. International Journal of Ophthalmology, 2019, 12, 1209-1214.	1.1	5
51	Whole-exome sequencing reveals genetic variants in ERC1 and KCNG4 associated with complete hydatidiform mole in Chinese Han women. Oncotarget, 2017, 8, 75264-75271.	1.8	3
52	MDEHT: a multivariate approach for detecting differential expression of microRNA isoform data in RNA-sequencing studies. Bioinformatics, 2020, 36, 2657-2664.	4.1	3
53	Food protein-induced enterocolitis syndrome presenting after necrotizing enterocolitis in a preterm neonate: a case report. Translational Pediatrics, 2021, 10, 1393-1398.	1.2	3
54	Mitochondrial targeted drug delivery combined with manganese catalyzed Fenton reaction for the treatment of breast cancer. International Journal of Pharmaceutics, 2022, 622, 121810.	5.2	3

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55	Construction of Influenza Early Warning Model Based on Combinatorial Judgment Classifier: A Case Study of Seasonal Influenza in Hong Kong. Current Medical Science, 2022, , 1.	1.8	1
56	Allogeneic corneoscleral limbus tissue transplantation for treatment of the necrosis in porphyria eye disease. International Journal of Ophthalmology, 2014, 7, 731-3.	1.1	0