

Shziuka Uchida

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

3,195
citations

22
h-index

56
g-index

104
ext. papers

3,907
ext. citations

9.5
avg, IF

5.55
L-index

#	Paper	IF	Citations
72	Long noncoding RNA MALAT1 regulates endothelial cell function and vessel growth. <i>Circulation Research</i> , 2014 , 114, 1389-97	15.7	652
71	Long noncoding RNAs in cardiovascular diseases. <i>Circulation Research</i> , 2015 , 116, 737-50	15.7	499
70	Identification and Characterization of Hypoxia-Regulated Endothelial Circular RNA. <i>Circulation Research</i> , 2015 , 117, 884-90	15.7	255
69	Efficient homing of multipotent adult mesenchymal stem cells depends on FROUNT-mediated clustering of CCR2. <i>Cell Stem Cell</i> , 2008 , 2, 566-75	18	217
68	Screening and validation of lncRNAs and circRNAs as miRNA sponges. <i>Briefings in Bioinformatics</i> , 2017 , 18, 780-788	13.4	190
67	Adenosine-to-inosine RNA editing controls cathepsin S expression in atherosclerosis by enabling HuR-mediated post-transcriptional regulation. <i>Nature Medicine</i> , 2016 , 22, 1140-1150	50.5	155
66	Long Noncoding RNA MANTIS Facilitates Endothelial Angiogenic Function. <i>Circulation</i> , 2017 , 136, 65-79	16.7	145
65	Sca1-derived cells are a source of myocardial renewal in the murine adult heart. <i>Stem Cell Reports</i> , 2013 , 1, 397-410	8	123
64	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. <i>Circulation</i> , 2019 , 139, 1320-1334	16.7	103
63	Exercise-Induced Changes in Glucose Metabolism Promote Physiological Cardiac Growth. <i>Circulation</i> , 2017 , 136, 2144-2157	16.7	63
62	Identification of right heart-enriched genes in a murine model of chronic outflow tract obstruction. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 49, 598-605	5.8	47
61	Noncoder: a web interface for exon array-based detection of long non-coding RNAs. <i>Nucleic Acids Research</i> , 2013 , 41, e20	20.1	44
60	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. <i>Circulation Research</i> , 2017 , 121, 368-375	15.7	41
59	A novel long non-coding RNA Myolinc regulates myogenesis through TDP-43 and Filip1. <i>Journal of Molecular Cell Biology</i> , 2018 , 10, 102-117	6.3	38
58	Epigenetically modified cardiac mesenchymal stromal cells limit myocardial fibrosis and promote functional recovery in a model of chronic ischemic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2018 , 114, 3	11.8	37
57	RNAEditor: easy detection of RNA editing events and the introduction of editing islands. <i>Briefings in Bioinformatics</i> , 2017 , 18, 993-1001	13.4	35
56	Mesenchymal stem cells attenuate inflammatory processes in the heart and lung via inhibition of TNF signaling. <i>Basic Research in Cardiology</i> , 2016 , 111, 54	11.8	28

55	C-It-Loci: a knowledge database for tissue-enriched loci. <i>Bioinformatics</i> , 2015 , 31, 3537-43	7.2	26
54	TAK1 regulates skeletal muscle mass and mitochondrial function. <i>JCI Insight</i> , 2018 , 3,	9.9	25
53	Epigenetic Regulation of Angiogenesis by JARID1B-Induced Repression of HOXA5. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1645-52	9.4	24
52	The identification and characterization of novel transcripts from RNA-seq data. <i>Briefings in Bioinformatics</i> , 2016 , 17, 678-85	13.4	23
51	Doublecortin marks a new population of transiently amplifying muscle progenitor cells and is required for myofiber maturation during skeletal muscle regeneration. <i>Development (Cambridge)</i> , 2015 , 142, 51-61	6.6	22
50	E2f1 deletion attenuates infarct-induced ventricular remodeling without affecting O-GlcNAcylation. <i>Basic Research in Cardiology</i> , 2019 , 114, 28	11.8	20
49	Regulation of miR-17-92a cluster processing by the microRNA binding protein SND1. <i>FEBS Letters</i> , 2013 , 587, 2405-11	3.8	19
48	Exon Array Analyzer: a web interface for Affymetrix exon array analysis. <i>Bioinformatics</i> , 2009 , 25, 3323-47.2	4.7	19
47	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFR. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1445-1457	10.2	17
46	Regulates Igf2bp2 Translation in Cardiomyocytes. <i>Circulation Research</i> , 2018 , 122, 1347-1353	15.7	17
45	RNA Editing: Unexplored Opportunities in the Cardiovascular System. <i>Circulation Research</i> , 2018 , 122, 399-401	15.7	17
44	ANGIOGENES: knowledge database for protein-coding and noncoding RNA genes in endothelial cells. <i>Scientific Reports</i> , 2016 , 6, 32475	4.9	17
43	C-It: a knowledge database for tissue-enriched genes. <i>Bioinformatics</i> , 2010 , 26, 2328-33	7.2	17
42	Upregulations of Gata4 and oxytocin receptor are important in cardiomyocyte differentiation processes of P19CL6 cells. <i>Journal of Cellular Biochemistry</i> , 2007 , 100, 629-41	4.7	17
41	Functional characterization of long noncoding RNAs. <i>Current Opinion in Cardiology</i> , 2020 , 35, 199-206	2.1	16
40	Clinical value of non-coding RNAs in cardiovascular, pulmonary, and muscle diseases. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C1-C28	5.4	16
39	Long Non-coding RNAs in Endothelial Biology. <i>Frontiers in Physiology</i> , 2018 , 9, 522	4.6	15
38	Gene Array Analyzer: alternative usage of gene arrays to study alternative splicing events. <i>Nucleic Acids Research</i> , 2012 , 40, 2414-25	20.1	14

37	An integrated approach for the systematic identification and characterization of heart-enriched genes with unknown functions. <i>BMC Genomics</i> , 2009 , 10, 100	4.5	13
36	Short and Long Noncoding RNAs Regulate the Epigenetic Status of Cells. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 832-845	8.4	12
35	Deeply dissecting stemness: making sense to non-coding RNAs in stem cells. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 78-86	6.4	12
34	Computational Detection of Stage-Specific Transcription Factor Clusters during Heart Development. <i>Frontiers in Genetics</i> , 2016 , 7, 33	4.5	11
33	CAD increases the long noncoding RNA in small extracellular vesicles and regulates endothelial cell function via vesicular shuttling. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 25, 388-405	10.7	10
32	Logic programming to infer complex RNA expression patterns from RNA-seq data. <i>Briefings in Bioinformatics</i> , 2018 , 19, 199-209	13.4	9
31	Gene Expression Profiling Reveals the Shared and Distinct Transcriptional Signatures in Human Lung Epithelial Cells Infected With SARS-CoV-2, MERS-CoV, or SARS-CoV: Potential Implications in Cardiovascular Complications of COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 623012	5.4	9
30	Detection and normalization of biases present in spotted cDNA microarray data: a composite method addressing dye, intensity-dependent, spatially-dependent, and print-order biases. <i>DNA Research</i> , 2005 , 12, 1-7	4.5	8
29	Exercise controls non-coding RNAs. <i>Cell Metabolism</i> , 2015 , 21, 511-2	24.6	7
28	The A-to-I RNA Editing Enzyme Is Essential for Normal Embryonic Cardiac Growth and Development. <i>Circulation Research</i> , 2020 , 127, 550-552	15.7	7
27	Resolving the problem of multiple accessions of the same transcript deposited across various public databases. <i>Briefings in Bioinformatics</i> , 2017 , 18, 226-235	13.4	6
26	A systems immunology approach identifies the collective impact of 5 miRs in Th2 inflammation. <i>JCI Insight</i> , 2018 , 3,	9.9	6
25	Long Non-Coding RNAs in Liver Cancer and Nonalcoholic Steatohepatitis. <i>Non-coding RNA</i> , 2020 , 6,	7.1	6
24	High-Throughput Methods to Detect Long Non-Coding RNAs. <i>High-Throughput</i> , 2017 , 6,	4.3	5
23	The Effect of Cardiogenic Factors on Cardiac Mesenchymal Cell Anti-Fibrogenic Paracrine Signaling and Therapeutic Performance. <i>Theranostics</i> , 2020 , 10, 1514-1530	12.1	4
22	Macrophage Long Non-Coding RNAs in Pathogenesis of Cardiovascular Disease. <i>Non-coding RNA</i> , 2020 , 6,	7.1	3
21	Administration of cardiac mesenchymal cells modulates innate immunity in the acute phase of myocardial infarction in mice. <i>Scientific Reports</i> , 2020 , 10, 14754	4.9	3
20	Prediction of tertiary structure of NSSRsRNA recognition motif and the RNA binding activity. <i>Science and Technology of Advanced Materials</i> , 2005 , 6, 475-483	7.1	2

19	Cardiac mesenchymal cells from failing and nonfailing hearts limit ventricular dilation when administered late after infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H109-H122	5.2	2
18	Long Non-Coding RNAs in Diffuse Large B-Cell Lymphoma. <i>Non-coding RNA</i> , 2020 , 7,	7.1	2
17	Elucidating the Functions of Non-Coding RNAs from the Perspective of RNA Modifications. <i>Non-coding RNA</i> , 2021 , 7,	7.1	2
16	Specific phenotype and function of CD56-expressing innate immune cell subsets in human thymus. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 1297-1310	6.5	2
15	Decoding the complexity of circular RNAs in cardiovascular disease. <i>Pharmacological Research</i> , 2021 , 171, 105766	10.2	2
14	Subclinical markers of cardiovascular toxicity of benzene inhalation in mice. <i>Toxicology and Applied Pharmacology</i> , 2021 , 431, 115742	4.6	1
13	DRETools: A tool-suite for differential RNA editing detection. <i>F1000Research</i> , 7 , 1366	3.6	1
12	Investigation of RNA Editing Sites within Bound Regions of RNA-Binding Proteins. <i>High-Throughput</i> , 2019 , 8,	4.3	1
11	Cardiac PANK1 deletion exacerbates ventricular dysfunction during pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H784-H797	5.2	0
10	Glucosamine regulates macrophage function in heart failure.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e819	5.7	0
9	Databases and software to make your research life easier 2012 , 7-47		
8	How to program like a bioinformatician? 2012 , 49-74		
7	DRETools: A tool-suite for differential RNA editing detection. <i>F1000Research</i> , 7 , 1366	3.6	
6	Increasing workflow development speed and reproducibility with Vectools. <i>F1000Research</i> , 2018 , 7, 1499.6		
5	Increasing workflow development speed and reproducibility with Vectools. <i>F1000Research</i> , 2018 , 7, 1499.6		
4	Ectopic Cardiogenic Transcription Factor Expression Augments the Anti-fibrogenic Activity of Administered Cardiac Mesenchymal Stromal Cells in a Model of Chronic Ischemic Cardiomyopathy. <i>FASEB Journal</i> , 2019 , 33, lb476	0.9	
3	Further application: adult stem cells and tissue regenerations 2012 , 137-169		
2	Experimental validation: concepts and practice 2012 , 95-136		

- 1 Case study: C-It, knowledge database for screening evolutionarily conserved, tissue-enriched, uncharacterized genes **2012**, 75-94