

Toru Suzuki

List of Publications by Year in descending order

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96
papers

5,543
citations

81900

39
h-index

82547

72
g-index

99
all docs

99
docs citations

99
times ranked

7136
citing authors

#	ARTICLE	IF	CITATIONS
1	Presentation, Diagnosis, and Outcomes of Acute Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2015, 66, 350-358.	2.8	799
2	Krüppel-like zinc-finger transcription factor KLF5/BTEB2 is a target for angiotensin II signaling and an essential regulator of cardiovascular remodeling. <i>Nature Medicine</i> , 2002, 8, 856-863.	30.7	362
3	Diagnosis of Acute Aortic Dissection by D-Dimer. <i>Circulation</i> , 2009, 119, 2702-2707.	1.6	306
4	Aortic dissection. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16053.	30.5	256
5	Trimethylamine N-oxide and prognosis in acute heart failure. <i>Heart</i> , 2016, 102, 841-848.	2.9	195
6	Type-Selective Benefits of Medications in Treatment of Acute Aortic Dissection (from the International Tj ETQq0 0 0 rgBT / Overlock 10 T	1.6	185
7	Elevated B-type natriuretic peptide levels after anthracycline administration. <i>American Heart Journal</i> , 1998, 136, 362-363.	2.7	157
8	Stroke and Outcomes in Patients With Acute Type A Aortic Dissection. <i>Circulation</i> , 2013, 128, S175-9.	1.6	120
9	Trimethylamine N-oxide and Risk Stratification after Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2017, 63, 420-428.	3.2	120
10	A Novel Regulatory Mechanism of Smooth Muscle β -Actin Expression by NRG-1/circACTA2/miR-548f-5p Axis. <i>Circulation Research</i> , 2017, 121, 628-635.	4.5	118
11	Positive and Negative Regulation of the Cardiovascular Transcription Factor KLF5 by p300 and the Oncogenic Regulator SET through Interaction and Acetylation on the DNA-Binding Domain. <i>Molecular and Cellular Biology</i> , 2003, 23, 8528-8541.	2.3	113
12	Vascular Implications of the Krüppel-Like Family of Transcription Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1135-1141.	2.4	111
13	Regulation of Platelet-derived Growth Factor-A Chain by Krüppel-like Factor 5. <i>Journal of Biological Chemistry</i> , 2004, 279, 70-76.	3.4	87
14	Granulocyte macrophage colony-stimulating factor is required for aortic dissection/intramural haematoma. <i>Nature Communications</i> , 2015, 6, 6994.	12.8	86
15	Preliminary experience with the smooth muscle troponin-like protein, calponin, as a novel biomarker for diagnosing acute aortic dissection. <i>European Heart Journal</i> , 2008, 29, 1439-1445.	2.2	85
16	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMD (Flow-Mediated Dilation Japan) Study A. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	84
17	Ataxia Telangiectasia Mutated (ATM)-mediated DNA Damage Response in Oxidative Stress-induced Vascular Endothelial Cell Senescence. <i>Journal of Biological Chemistry</i> , 2010, 285, 29662-29670.	3.4	75
18	Krüppel-like Factor 5 Shows Proliferation-specific Roles in Vascular Remodeling, Direct Stimulation of Cell Growth, and Inhibition of Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 9549-9557.	3.4	70

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19	Association with outcomes and response to treatment of trimethylamine N-oxide in heart failure: results from BIOSTAT-CHF. <i>European Journal of Heart Failure</i> , 2019, 21, 877-886.	7.1	68
20	Mouse Emi2 as a distinctive regulatory hub in second meiotic metaphase. <i>Development (Cambridge)</i> , 2010, 137, 3281-3291.	2.5	67
21	Biomarkers of aortic diseases. <i>American Heart Journal</i> , 2013, 165, 15-25.	2.7	66
22	Non-targeted metabolomics in sport and exercise science. <i>Journal of Sports Sciences</i> , 2019, 37, 959-967.	2.0	65
23	Cocaine-related Aortic Dissection: Lessons from the International Registry of Acute Aortic Dissection. <i>American Journal of Medicine</i> , 2014, 127, 878-885.	1.5	61
24	The Deacetylase HDAC1 Negatively Regulates the Cardiovascular Transcription Factor KrÄppel-like Factor 5 through Direct Interaction. <i>Journal of Biological Chemistry</i> , 2005, 280, 12123-12129.	3.4	59
25	Reliability of measurement of endothelial function across multiple institutions and establishment of reference values in Japanese. <i>Atherosclerosis</i> , 2015, 242, 433-442.	0.8	59
26	Regulation of angiogenesis by the aging suppressor gene klotho. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 332-337.	2.1	55
27	Promoter Region-Specific Histone Incorporation by the Novel Histone Chaperone ANP32B and DNA-Binding Factor KLF5. <i>Molecular and Cellular Biology</i> , 2008, 28, 1171-1181.	2.3	54
28	Transcription factor KLF6 upregulates expression of metalloprotease MMP14 and subsequent release of soluble endoglin during vascular injury. <i>Angiogenesis</i> , 2016, 19, 155-171.	7.2	52
29	Longitudinal association among endothelial function, arterial stiffness and subclinical organ damage in hypertension. <i>International Journal of Cardiology</i> , 2018, 253, 161-166.	1.7	51
30	Post-transcriptional activation of PPAR alpha by KLF6 in hepatic steatosis. <i>Journal of Hepatology</i> , 2013, 58, 1000-1006.	3.7	50
31	Asymmetric parental genome engineering by Cas9 during mouse meiotic exit. <i>Scientific Reports</i> , 2014, 4, 7621.	3.3	49
32	Ataxia telangiectasia mutated in cardiac fibroblasts regulates doxorubicin-induced cardiotoxicity. <i>Cardiovascular Research</i> , 2016, 110, 85-95.	3.8	48
33	Presenting Systolic Blood Pressure and Outcomes in Patients With Acute Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1432-1440.	2.8	48
34	Neoendothelialization after peripheral blood stem cell transplantation in humans A case report of a Tokaimura nuclear accident victim. <i>Cardiovascular Research</i> , 2003, 58, 487-492.	3.8	46
35	Takotsubo Cardiomyopathy. <i>Heart Failure Clinics</i> , 2013, 9, 243-247.	2.1	46
36	Diagnosis of aortic dissection by immunoassay for circulating smooth muscle myosin. <i>Lancet</i> , The, 1995, 345, 191-192.	13.7	45

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37	Functional Interaction of the DNA-binding Transcription Factor Sp1 through Its DNA-binding Domain with the Histone Chaperone TAF-I. <i>Journal of Biological Chemistry</i> , 2003, 278, 28758-28764.	3.4	42
38	Editor's Choice-Biomarkers of acute cardiovascular and pulmonary diseases. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 416-433.	1.0	39
39	DNA methylation dynamics in mouse preimplantation embryos revealed by mass spectrometry. <i>Scientific Reports</i> , 2016, 6, 19134.	3.3	38
40	Modulation of cardiac fibrosis by KrÄ½ppel-like factor 6 through transcriptional control of thrombospondin 4 in cardiomyocytes. <i>Cardiovascular Research</i> , 2015, 107, 420-430.	3.8	37
41	Inhibition of KLF5â€“Myo9bâ€“RhoA Pathwayâ€“Mediated Podosome Formation in Macrophages Ameliorates Abdominal Aortic Aneurysm. <i>Circulation Research</i> , 2017, 120, 799-815.	4.5	37
42	Caput Epididymidal Mouse Sperm Support Full Development. <i>Developmental Cell</i> , 2019, 50, 5-6.	7.0	35
43	Circulating Transforming Growth Factor-Beta Levels in Acute Aortic Dissection. <i>Journal of the American College of Cardiology</i> , 2011, 58, 775.	2.8	33
44	High mass accuracy assay for trimethylamine N-oxide using stable-isotope dilution with liquid chromatography coupled to orthogonal acceleration time of flight mass spectrometry with multiple reaction monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 797-804.	3.7	33
45	Biomarker-assisted diagnosis of acute aortic dissection: how far we have come and what to expect. <i>Current Opinion in Cardiology</i> , 2010, 25, 541-545.	1.8	31
46	Genomic imprinting in mouse blastocysts is predominantly associated with H3K27me3. <i>Nature Communications</i> , 2021, 12, 3804.	12.8	30
47	Functional Interaction between the Transcription Factor KrÄ½ppel-like Factor 5 and Poly(ADP-ribose) Polymerase-1 in Cardiovascular Apoptosis. <i>Journal of Biological Chemistry</i> , 2007, 282, 9895-9901.	3.4	28
48	Regulation of Transforming Growth Factor-Î²-dependent Cyclooxygenase-2 Expression in Fibroblasts. <i>Journal of Biological Chemistry</i> , 2009, 284, 35861-35871.	3.4	27
49	Endothelial Function Is Impaired in Patients Receiving Antihypertensive Drug Treatment Regardless of Blood Pressure Level. <i>Hypertension</i> , 2017, 70, 790-797.	2.7	27
50	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.8	26
51	miR-200c-SUMOylated KLF4 feedback loop acts as a switch in transcriptional programs that control VSMC proliferation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 201-212.	1.9	25
52	Shock complicating type A acute aortic dissection: Clinical correlates, management, and outcomes. <i>American Heart Journal</i> , 2016, 176, 93-99.	2.7	25
53	Mice produced by mitotic reprogramming of sperm injected into haploid parthenogenotes. <i>Nature Communications</i> , 2016, 7, 12676.	12.8	23
54	Cross-sectional and longitudinal associations between serum uric acid and endothelial function in subjects with treated hypertension. <i>International Journal of Cardiology</i> , 2018, 272, 308-313.	1.7	23

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55	Extent of Preoperative False Lumen Thrombosis Does Not Influence Long-Term Survival in Patients With Acute Type A Aortic Dissection. <i>Journal of the American Heart Association</i> , 2013, 2, e000112.	3.7	22
56	Cardiovascular Diagnostic Biomarkers The Past, Present and Future. <i>Circulation Journal</i> , 2009, 73, 806-809.	1.6	21
57	Growth Hormone Therapy in Heart Failure. <i>Heart Failure Clinics</i> , 2018, 14, 501-515.	2.1	20
58	Biomarkers in Pulmonary Hypertension. <i>Heart Failure Clinics</i> , 2018, 14, 393-402.	2.1	20
59	Biomarker-Assisted Diagnosis of Acute Aortic Dissection. <i>Circulation</i> , 2018, 137, 270-272.	1.6	19
60	Postnatal liver functional maturation requires Cnot complex-mediated decay of mRNAs encoding cell cycle and immature liver genes. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	18
61	Differential serum proteomic analysis in a model of metabolic disease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 965-971.	2.1	17
62	Proteomic Biomarkers of Heart Failure. <i>Heart Failure Clinics</i> , 2018, 14, 93-107.	2.1	17
63	The CCR4-NOT complex maintains liver homeostasis through mRNA deadenylation. <i>Life Science Alliance</i> , 2020, 3, e201900494.	2.8	17
64	Mechanisms of Transcriptional Regulation of Gene Expression in Smooth Muscle Cells. <i>Circulation Research</i> , 1998, 82, 1238-1242.	4.5	16
65	Prognostic Role of Molecular Forms of B-Type Natriuretic Peptide in Acute Heart Failure. <i>Clinical Chemistry</i> , 2017, 63, 880-886.	3.2	16
66	Comparison of Outcomes in DeBakey Type AI Versus All Aortic Dissection. <i>American Journal of Cardiology</i> , 2018, 122, 689-695.	1.6	16
67	Tracking intracellular forces and mechanical property changes in mouse one-cell embryo development. <i>Nature Materials</i> , 2020, 19, 1114-1123.	27.5	16
68	Acyclic retinoid inhibits functional interaction of transcription factors KrÄ¼ppel-like factor 5 and retinoic acid receptor-Î±. <i>FEBS Letters</i> , 2008, 582, 1755-1760.	2.8	15
69	Processed B-Type Natriuretic Peptide Is a Biomarker of Postinterventional Restenosis in Ischemic Heart Disease. <i>Clinical Chemistry</i> , 2013, 59, 1330-1337.	3.2	14
70	Aortic stiffness in aortic stenosis assessed by cardiovascular MRI: a comparison between bicuspid and tricuspid valves. <i>European Radiology</i> , 2019, 29, 2340-2349.	4.5	13
71	Loss of Î²-cell identity and diabetic phenotype in mice caused by disruption of CNOT3-dependent mRNA deadenylation. <i>Communications Biology</i> , 2020, 3, 476.	4.4	13
72	Plasma growth hormone is a strong predictor of risk at 1 year in acute heart failure. <i>European Journal of Heart Failure</i> , 2016, 18, 281-289.	7.1	12

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73	Switchable genome editing via genetic code expansion. <i>Scientific Reports</i> , 2018, 8, 10051.	3.3	11
74	The CCR4â€“NOT Deadenylase Complex Maintains Adipocyte Identity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5274.	4.1	11
75	The CCR4â€“NOT deadenylase complex safeguards thymic positive selection by down-regulating aberrant pro-apoptotic gene expression. <i>Nature Communications</i> , 2020, 11, 6169.	12.8	11
76	Pulse Pressure and Type A Acute Aortic Dissection In-Hospital Outcomes (from the International) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6</i>	1.6	10
77	Association of subclinical carotid atherosclerosis with immediate memory and other cognitive functions. <i>Geriatrics and Gerontology International</i> , 2018, 18, 65-71.	1.5	9
78	Acyclic Retinoid Inhibits Neointima Formation Through Retinoic Acid Receptor Beta-Induced Apoptosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1535-1541.	2.4	8
79	Transcriptional Regulation at the Chromatin Level in the Cardiovasculature Through Protein-protein Interactions and Chemical Modifications. <i>Trends in Cardiovascular Medicine</i> , 2005, 15, 125-129.	4.9	7
80	Cardiovascular proteomic analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 28-34.	2.3	7
81	Vascular Dysfunction Even After 20 Years in Children Exposed to Passive Smoking. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 841-842.	2.4	6
82	Inverse correlations between serum ADAMTS13 levels and systolic blood pressure, pulse pressure, and serum C-reactive protein levels observed at a general health examination in a Japanese population: A cross-sectional study. <i>Clinica Chimica Acta</i> , 2013, 421, 147-151.	1.1	6
83	Targeting Transforming Growth Factor- β 2 Signaling in Aortopathies in Marfan Syndrome. <i>Circulation Journal</i> , 2013, 77, 898-899.	1.6	6
84	B-type natriuretic peptide molecular forms for risk stratification and prediction of outcome after acute myocardial infarction. <i>American Heart Journal</i> , 2018, 200, 37-43.	2.7	6
85	Association Between Waist-to-Height Ratio and Endothelial Dysfunction in Patients With Morbidityâ€“A Report From the FMD-J Study â€“. <i>Circulation Journal</i> , 2017, 81, 1911-1918.	1.6	4
86	Biomarkers of Heart Failure: Past, Present, and Future. <i>Heart Failure Clinics</i> , 2018, 14, ix-x.	2.1	3
87	Atypical presentation of acute aortic dissection in a young competitive rower. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-225712.	0.5	3
88	Regulation of Fetal Genes by Transitions among RNA-Binding Proteins during Liver Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9319.	4.1	3
89	Characterisation and use of a functional Gadd45g bacterial artificial chromosome. <i>Scientific Reports</i> , 2018, 8, 17318.	3.3	2
90	KLF5/BTEB2, a KrÃ¼ppel-like zinc-finger type transcription factor, mediates smooth muscle cell activation as well as cardiovascular remodeling. <i>International Congress Series</i> , 2004, 1262, 107-110.	0.2	1

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91	Role of "osteogenic" cardiac fibroblasts in pathological heart calcification. Stem Cell Investigation, 2017, 4, 26-26.	3.0	1
92	Aorta dimensions: It is not a single player game. International Journal of Cardiology, 2019, 276, 236-237.	1.7	1
93	In Reply. Clinical Chemistry, 2017, 63, 1046-1047.	3.2	0
94	Aortic dissection—a contemporary revisit of an autopsy series. American Heart Journal, 2019, 209, 106-107.	2.7	0
95	Insufficient liver maturation affects murine early postnatal hair cycle. Biochemical and Biophysical Research Communications, 2020, 521, 172-177.	2.1	0
96	Regulation of CCR4-NOT complex deadenylase activity and cellular responses by MK2-dependent phosphorylation of CNOT2. RNA Biology, 2022, 19, 234-246.	3.1	0