

David T Paik

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,988
citations

430442

18
h-index

580395

25
g-index

30
all docs

30
docs citations

30
times ranked

3357
citing authors

#	ARTICLE	IF	CITATIONS
1	Adverse effects of air pollution-derived fine particulate matter on cardiovascular homeostasis and disease. <i>Trends in Cardiovascular Medicine</i> , 2022, 32, 487-498.	2.3	12
2	Unraveling intricacies of cardiovascular disease at the single-cell resolution. <i>Trends in Cardiovascular Medicine</i> , 2021, 32, 136-136.	2.3	0
3	Endothelial-Myocardial Angiocrine Signaling in Heart Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 697130.	1.8	9
4	Endocardial/endothelial angiocrines regulate cardiomyocyte development and maturation and induce features of ventricular non-compaction. <i>European Heart Journal</i> , 2021, 42, 4264-4276.	1.0	41
5	Modeling Secondary Iron Overload Cardiomyopathy with Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Cell Reports</i> , 2020, 32, 107886.	2.9	27
6	An extracellular matrix paradox in myocardial scar formation. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 151.	7.1	3
7	Single-Cell RNA Sequencing Unveils Unique Transcriptomic Signatures of Organ-Specific Endothelial Cells. <i>Circulation</i> , 2020, 142, 1848-1862.	1.6	157
8	Single-cell RNA sequencing in cardiovascular development, disease and medicine. <i>Nature Reviews Cardiology</i> , 2020, 17, 457-473.	6.1	174
9	Wnt Activation and Reduced Cell-Cell Contact Synergistically Induce Massive Expansion of Functional Human iPSC-Derived Cardiomyocytes. <i>Cell Stem Cell</i> , 2020, 27, 50-63.e5.	5.2	112
10	High-throughput Preparation of DNA, RNA, and Protein from Cryopreserved Human iPSCs for Multi-omics Analysis. <i>Current Protocols in Stem Cell Biology</i> , 2020, 54, e114.	3.0	2
11	Patient and Disease-Specific Induced Pluripotent Stem Cells for Discovery of Personalized Cardiovascular Drugs and Therapeutics. <i>Pharmacological Reviews</i> , 2020, 72, 320-342.	7.1	121
12	Generation of Quiescent Cardiac Fibroblasts From Human Induced Pluripotent Stem Cells for In Vitro Modeling of Cardiac Fibrosis. <i>Circulation Research</i> , 2019, 125, 552-566.	2.0	101
13	Transcriptomic Profiling of the Developing Cardiac Conduction System at Single-Cell Resolution. <i>Circulation Research</i> , 2019, 125, 379-397.	2.0	120
14	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. <i>Nature Medicine</i> , 2019, 25, 1280-1289.	15.2	494
15	Single-Cell RNA Sequencing of Human Embryonic Stem Cell Differentiation Delineates Adverse Effects of Nicotine on Embryonic Development. <i>Stem Cell Reports</i> , 2019, 12, 772-786.	2.3	47
16	Marked Vascular Dysfunction in a Case of Peripartum Cardiomyopathy. <i>Journal of Vascular Research</i> , 2019, 56, 11-15.	0.6	4
17	Systems-Wide Approaches in Induced Pluripotent Stem Cell Models. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2019, 14, 395-419.	9.6	24
18	Abstract 642: Single-Cell RNA-seq Unveils Unique Transcriptomic Signatures of Organ-Specific Endothelial Cells. <i>Circulation Research</i> , 2019, 125, .	2.0	3

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19	SETD7 Drives Cardiac Lineage Commitment through Stage-Specific Transcriptional Activation. <i>Cell Stem Cell</i> , 2018, 22, 428-444.e5.	5.2	38
20	Autologous iPSC-Based Vaccines Elicit Anti-tumor Responses In Vivo. <i>Cell Stem Cell</i> , 2018, 22, 501-513.e7.	5.2	125
21	Endothelial deletion of Ino80 disrupts coronary angiogenesis and causes congenital heart disease. <i>Nature Communications</i> , 2018, 9, 368.	5.8	71
22	Large-Scale Single-Cell RNA-Seq Reveals Molecular Signatures of Heterogeneous Populations of Human Induced Pluripotent Stem Cell-Derived Endothelial Cells. <i>Circulation Research</i> , 2018, 123, 443-450.	2.0	110
23	Abstract 472: Large-Scale Single-Cell RNA-Seq Identifies Heterogeneous Populations of Human Primary and Induced Pluripotent Stem Cell-Derived Endothelial Cells. <i>Circulation Research</i> , 2018, 123, .	2.0	0
24	Coordinated Proliferation and Differentiation of Human-Induced Pluripotent Stem Cell-Derived Cardiac Progenitor Cells Depend on Bone Morphogenetic Protein Signaling Regulation by GREMLIN 2. <i>Stem Cells and Development</i> , 2017, 26, 678-693.	1.1	17
25	Stem cell culture: Simply derived epicardial cells. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	2
26	Origin of Matrix-Producing Cells That Contribute to Aortic Fibrosis in Hypertension. <i>Hypertension</i> , 2016, 67, 461-468.	1.3	65
27	Wnt10b Gain-of-Function Improves Cardiac Repair by Arteriole Formation and Attenuation of Fibrosis. <i>Circulation Research</i> , 2015, 117, 804-816.	2.0	53
28	Endothelial Cells Contribute to Generation of Adult Ventricular Myocytes during Cardiac Homeostasis. <i>Cell Reports</i> , 2014, 8, 229-241.	2.9	54