

Lior Zangi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5340910/publications.pdf>

Version: 2024-02-01

29
papers

2,440
citations

361413

20
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

3714
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the mitochondrial cardiomyopathy of Barth syndrome with induced pluripotent stem cell and heart-on-chip technologies. <i>Nature Medicine</i> , 2014, 20, 616-623.	30.7	733
2	Modified mRNA directs the fate of heart progenitor cells and induces vascular regeneration after myocardial infarction. <i>Nature Biotechnology</i> , 2013, 31, 898-907.	17.5	528
3	Pkm2 Regulates Cardiomyocyte Cell Cycle and Promotes Cardiac Regeneration. <i>Circulation</i> , 2020, 141, 1249-1265.	1.6	147
4	How to make a cardiomyocyte. <i>Development (Cambridge)</i> , 2014, 141, 4418-4431.	2.5	126
5	mRNA-Based Protein Replacement Therapy for the Heart. <i>Molecular Therapy</i> , 2019, 27, 785-793.	8.2	101
6	Driving vascular endothelial cell fate of human multipotent Isl1+ heart progenitors with VEGF modified mRNA. <i>Cell Research</i> , 2013, 23, 1172-1186.	12.0	89
7	Optimizing Cardiac Delivery of Modified mRNA. <i>Molecular Therapy</i> , 2017, 25, 1306-1315.	8.2	84
8	Altering Sphingolipid Metabolism Attenuates Cell Death and Inflammatory Response After Myocardial Infarction. <i>Circulation</i> , 2020, 141, 916-930.	1.6	84
9	Insulin-Like Growth Factor 1 Receptor-Dependent Pathway Drives Epicardial Adipose Tissue Formation After Myocardial Injury. <i>Circulation</i> , 2017, 135, 59-72.	1.6	74
10	Ablation of a Single N-Glycosylation Site in Human FSTL 1 Induces Cardiomyocyte Proliferation and Cardiac Regeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 133-143.	5.1	49
11	Synthetic Chemically Modified mRNA (modRNA): Toward a New Technology Platform for Cardiovascular Biology and Medicine. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a014035-a014035.	6.2	45
12	Probing myeloid cell dynamics in ischaemic heart disease by nanotracer hot-spot imaging. <i>Nature Nanotechnology</i> , 2020, 15, 398-405.	31.5	42
13	Cardiac Sca-1 ⁺ Cells Are Not Intrinsic Stem Cells for Myocardial Development, Renewal, and Repair. <i>Circulation</i> , 2018, 138, 2919-2930.	1.6	37
14	Optimizing Modified mRNA In Vitro Synthesis Protocol for Heart Gene Therapy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 300-305.	4.1	34
15	Lipid Nanoparticles for Organ-Specific mRNA Therapeutic Delivery. <i>Pharmaceutics</i> , 2021, 13, 1675.	4.5	33
16	Modified mRNA as a therapeutic tool to induce cardiac regeneration in ischemic heart disease. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1367.	6.6	32
17	Modified mRNA as a Therapeutic Tool for the Heart. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 871-880.	2.6	30
18	Lung-derived HMGB1 is detrimental for vascular remodeling of metabolically imbalanced arterial macrophages. <i>Nature Communications</i> , 2020, 11, 4311.	12.8	29

#	ARTICLE	IF	CITATIONS
19	Cardiovascular regenerative therapeutics via synthetic paracrine factor modified mRNA. <i>Stem Cell Research</i> , 2014, 13, 693-704.	0.7	26
20	Optimization of 5' Untranslated Region of Modified mRNA for Use in Cardiac or Hepatic Ischemic Injury. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 622-633.	4.1	26
21	Direct reprogramming induces vascular regeneration post muscle ischemic injury. <i>Molecular Therapy</i> , 2021, 29, 3042-3058.	8.2	21
22	Synthesis of Modified mRNA for Myocardial Delivery. <i>Methods in Molecular Biology</i> , 2017, 1521, 127-138.	0.9	20
23	Specific Modified mRNA Translation System. <i>Circulation</i> , 2020, 142, 2485-2488.	1.6	18
24	Therapeutic Delivery of 5' Modified mRNA Attenuates Cardiac Hypertrophy and Fibrosis in the Failing Heart. <i>Advanced Science</i> , 2021, 8, 2004661.	11.2	14
25	In Vitro Synthesis of Modified RNA for Cardiac Gene Therapy. <i>Methods in Molecular Biology</i> , 2021, 2158, 281-294.	0.9	8
26	Synthetic MicroRNAs Stimulate Cardiac Repair. <i>Circulation Research</i> , 2017, 120, 1222-1223.	4.5	6
27	Delivery of Modified mRNA in a Myocardial Infarction Mouse Model. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
28	Cover Image, Volume 9, Issue 1. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1383.	6.6	0
29	Gene Therapy for Heart Disease: Modified mRNA Perspectives. , 0, , .		0