

Michael P Morley

List of Publications by Year in Descending Order

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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.

63

papers

5,087

citations

32

h-index

70

g-index

70

ext. papers

7,215

ext. citations

16.9

avg, IF

5.35

L-index

#	Paper	IF	Citations
63	Human distal airways contain a multipotent secretory cell that can regenerate alveoli.. <i>Nature</i> , 2022	50.4	5
62	Defects in the Proteome and Metabolome in Human Hypertrophic Cardiomyopathy.. <i>Circulation: Heart Failure</i> , 2022 , CIRCHEARTFAILURE121009521	7.6	1
61	Microstructured hydrogels to guide self-assembly and function of lung alveolospheres.. <i>Advanced Materials</i> , 2022 , e2202992	24	0
60	A census of the lung: CellCards from LungMAP.. <i>Developmental Cell</i> , 2021 ,	10.2	4
59	Truncated titin proteins in dilated cardiomyopathy. <i>Science Translational Medicine</i> , 2021 , 13, eabd7287	17.5	3
58	Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23. <i>European Heart Journal</i> , 2021 , 42, 2000-2011	9.5	14
57	93137 Interrogating cardio-protective MTSS1 variants in human populations. <i>Journal of Clinical and Translational Science</i> , 2021 , 5, 124-125	0.4	
56	Genomic, epigenomic, and biophysical cues controlling the emergence of the lung alveolus. <i>Science</i> , 2021 , 371,	33.3	21
55	Age-dependent alveolar epithelial plasticity orchestrates lung homeostasis and regeneration. <i>Cell Stem Cell</i> , 2021 , 28, 1775-1789.e5	18	11
54	Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. <i>Cell Stem Cell</i> , 2021 , 28, 938-954.e9	18	23
53	Whole-Transcriptome Profiling of Human Heart Tissues Reveals the Potential Novel Players and Regulatory Networks in Different Cardiomyopathy Subtypes of Heart Failure. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003142	5.2	2
52	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
51	mTORC1 activation in lung mesenchyme drives sex- and age-dependent pulmonary structure and function decline. <i>Nature Communications</i> , 2020 , 11, 5640	17.4	6
50	Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. <i>Circulation: Heart Failure</i> , 2020 , 13, e006749	7.6	8
49	Epigenomes of Human Hearts Reveal New Genetic Variants Relevant for Cardiac Disease and Phenotype. <i>Circulation Research</i> , 2020 , 127, 761-777	15.7	8
48	Global analysis of histone modifications and long-range chromatin interactions revealed the differential cistrome changes and novel transcriptional players in human dilated cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 145, 30-42	5.8	4
47	Direct Comparison of Mononucleated and Binucleated Cardiomyocytes Reveals Molecular Mechanisms Underlying Distinct Proliferative Competencies. <i>Cell Reports</i> , 2020 , 30, 3105-3116.e4	10.6	19

46	Defining the role of pulmonary endothelial cell heterogeneity in the response to acute lung injury. <i>ELife</i> , 2020 , 9,	8.9	58
45	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	17.4	140
44	Clinical and Proteomic Correlates of Plasma ACE2 (Angiotensin-Converting Enzyme 2) in Human Heart Failure. <i>Hypertension</i> , 2020 , 76, 1526-1536	8.5	26
43	The Genetic Makeup of the Electrocardiogram. <i>Cell Systems</i> , 2020 , 11, 229-238.e5	10.6	11
42	Assigning Distal Genomic Enhancers to Cardiac Disease-Causing Genes. <i>Circulation</i> , 2020 , 142, 910-912	16.7	1
41	Targeting cardiac fibrosis with engineered T cells. <i>Nature</i> , 2019 , 573, 430-433	50.4	185
40	Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. <i>Circulation</i> , 2019 , 140, 42-54	16.7	46
39	Pathologic gene network rewiring implicates PPP1R3A as a central regulator in pressure overload heart failure. <i>Nature Communications</i> , 2019 , 10, 2760	17.4	11
38	Dnmt1 is required for proximal-distal patterning of the lung endoderm and for restraining alveolar type 2 cell fate. <i>Developmental Biology</i> , 2019 , 454, 108-117	3.1	6
37	Cardioprotective Effects of MTSS1 Enhancer Variants. <i>Circulation</i> , 2019 , 139, 2073-2076	16.7	2
36	Identification of a mesenchymal progenitor cell hierarchy in adipose tissue. <i>Science</i> , 2019 , 364,	33.3	187
35	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019 , 1, 404-415	14.6	92
34	Antisense regulation of atrial natriuretic peptide expression. <i>JCI Insight</i> , 2019 , 4,	9.9	9
33	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019 , 1, 404-415	14.6	63
32	Early lineage specification defines alveolar epithelial ontogeny in the murine lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4362-4371	11.5	57
31	The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. <i>Nature</i> , 2019 , 575, 375-379	50.4	77
30	Regeneration of the lung alveolus by an evolutionarily conserved epithelial progenitor. <i>Nature</i> , 2018 , 555, 251-255	50.4	330
29	Single-Cell Transcriptomic Profiling of Pluripotent Stem Cell-Derived SCGB3A2+ Airway Epithelium. <i>Stem Cell Reports</i> , 2018 , 10, 1579-1595	8	47

28	Genome-Wide Associations of Global Electrical Heterogeneity ECG Phenotype: The ARIC (Atherosclerosis Risk in Communities) Study and CHS (Cardiovascular Health Study). <i>Journal of the American Heart Association</i> , 2018 , 7,	6	17
27	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
26	Suppression of deetyrosinated microtubules improves cardiomyocyte function in human heart failure. <i>Nature Medicine</i> , 2018 , 24, 1225-1233	50.5	106
25	Genetic Reduction in Left Ventricular Protein Kinase C- β and Adverse Ventricular Remodeling in Human Subjects. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001901	5.2	4
24	Thyroid Dysfunction in Heart Failure and Cardiovascular Outcomes. <i>Circulation: Heart Failure</i> , 2018 , 11, e005266	7.6	79
23	Common Coding Variants in Are Associated With the Nav1.8 Late Current and Cardiac Conduction. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001663	5.2	14
22	The NANCI-Nkx2.1 gene duplex buffers Nkx2.1 expression to maintain lung development and homeostasis. <i>Genes and Development</i> , 2017 , 31, 889-903	12.6	30
21	Differentiation of Human Pluripotent Stem Cells into Functional Lung Alveolar Epithelial Cells. <i>Cell Stem Cell</i> , 2017 , 21, 472-488.e10	18	234
20	Genome-Nuclear Lamina Interactions Regulate Cardiac Stem Cell Lineage Restriction. <i>Cell</i> , 2017 , 171, 573-587.e14	56.2	102
19	Hemodynamic Forces Sculpt Developing Heart Valves through a KLF2-WNT9B Paracrine Signaling Axis. <i>Developmental Cell</i> , 2017 , 43, 274-289.e5	10.2	70
18	Distinct Mesenchymal Lineages and Niches Promote Epithelial Self-Renewal and Myofibrogenesis in the Lung. <i>Cell</i> , 2017 , 170, 1134-1148.e10	56.2	270
17	Exome-wide association study reveals novel susceptibility genes to sporadic dilated cardiomyopathy. <i>PLoS ONE</i> , 2017 , 12, e0172995	3.7	66
16	Emergence of a Wave of Wnt Signaling that Regulates Lung Alveologenesis by Controlling Epithelial Self-Renewal and Differentiation. <i>Cell Reports</i> , 2016 , 17, 2312-2325	10.6	135
15	Foxp transcription factors suppress a non-pulmonary gene expression program to permit proper lung development. <i>Developmental Biology</i> , 2016 , 416, 338-46	3.1	15
14	Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 407-416	15.1	101
13	HDAC3-Dependent Epigenetic Pathway Controls Lung Alveolar Epithelial Cell Remodeling and Spreading via miR-17-92 and TGF- β Signaling Regulation. <i>Developmental Cell</i> , 2016 , 36, 303-15	10.2	54
12	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016 , 12, e1006034	6	26
11	The tumor suppressor FLCN mediates an alternate mTOR pathway to regulate browning of adipose tissue. <i>Genes and Development</i> , 2016 , 30, 2551-2564	12.6	71

10	A microRNA-Hippo pathway that promotes cardiomyocyte proliferation and cardiac regeneration in mice. <i>Science Translational Medicine</i> , 2015 , 7, 279ra38	17.5	235
9	Hedgehog actively maintains adult lung quiescence and regulates repair and regeneration. <i>Nature</i> , 2015 , 526, 578-82	50.4	138
8	Bayesian integration of genetics and epigenetics detects causal regulatory SNPs underlying expression variability. <i>Nature Communications</i> , 2015 , 6, 8555	17.4	20
7	Ezh2 represses the basal cell lineage during lung endoderm development. <i>Development (Cambridge)</i> , 2015 , 142, 108-17	6.6	40
6	RNA-Seq identifies novel myocardial gene expression signatures of heart failure. <i>Genomics</i> , 2015 , 105, 83-9	4.3	129
5	Wnt ligand/Frizzled 2 receptor signaling regulates tube shape and branch-point formation in the lung through control of epithelial cell shape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12444-9	11.5	55
4	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014 , 46, 826-36	36.3	199
3	Gene expression and genetic variation in human atria. <i>Heart Rhythm</i> , 2014 , 11, 266-71	6.7	42
2	An enhancer polymorphism at the cardiomyocyte intercalated disc protein NOS1AP locus is a major regulator of the QT interval. <i>American Journal of Human Genetics</i> , 2014 , 94, 854-69	11	56
1	Genetic analysis of genome-wide variation in human gene expression. <i>Nature</i> , 2004 , 430, 743-7	50.4	1020