

# Emma Robinson

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

847  
citations

623734

14  
h-index

526287

27  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory RNAs in Heart Failure. <i>Circulation</i> , 2020, 141, 313-328.	1.6	133
2	Myofibroblast Phenotype and Reversibility of Fibrosis in Patients With End-Stage Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2267-2282.	2.8	119
3	The H3K9 dimethyltransferases EHMT1/2 protect against pathological cardiac hypertrophy. <i>Journal of Clinical Investigation</i> , 2016, 127, 335-348.	8.2	99
4	Endothelin-1 promotes hypertrophic remodelling of cardiac myocytes by activating sustained signalling and transcription downstream of endothelin type A receptors. <i>Cellular Signalling</i> , 2017, 36, 240-254.	3.6	48
5	Experimental heart failure modelled by the cardiomyocyte-specific loss of an epigenome modifier, DNMT3B. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 174-183.	1.9	45
6	Inhibition of aquaporin-1 prevents myocardial remodeling by blocking the transmembrane transport of hydrogen peroxide. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	39
7	The landscape of DNA repeat elements in human heart failure. <i>Genome Biology</i> , 2012, 13, R90.	9.6	33
8	Noncoding RNAs in age-related cardiovascular diseases. <i>Ageing Research Reviews</i> , 2022, 77, 101610.	10.9	33
9	Hepatocyte-Specific SR-BI Gene Transfer Corrects Cardiac Dysfunction in Scarb1 -Deficient Mice and Improves Pressure Overload-Induced Cardiomyopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2028-2040.	2.4	24
10	Overexpression of integrin $\alpha 11$ induces cardiac fibrosis in mice. <i>Acta Physiologica</i> , 2018, 222, e12932.	3.8	21
11	Genes encoding ACE2, TMPRSS2 and related proteins mediating SARS-CoV-2 viral entry are upregulated with age in human cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 147, 88-91.	1.9	21
12	Contractile responses to endothelin-1 are regulated by PKC phosphorylation of cardiac myosin binding protein-C in rat ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 117, 1-18.	1.9	19
13	Cardiovascular RNA markers and artificial intelligence may improve COVID-19 outcome: a position paper from the EU-CardioRNA COST Action CA17129. <i>Cardiovascular Research</i> , 2021, 117, 1823-1840.	3.8	17
14	Risk of bias in studies investigating novel diagnostic biomarkers for heart failure with preserved ejection fraction. A systematic review. <i>European Journal of Heart Failure</i> , 2020, 22, 1586-1597.	7.1	16
15	Dissecting the transcriptome in cardiovascular disease. <i>Cardiovascular Research</i> , 2022, 118, 1004-1019.	3.8	16
16	Catalyzing Transcriptomics Research in Cardiovascular Disease: The CardioRNA COST Action CA17129. <i>Non-coding RNA</i> , 2019, 5, 31.	2.6	14
17	Approaching Sex Differences in Cardiovascular Non-Coding RNA Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4890.	4.1	12
18	Call to action for the cardiovascular side of COVID-19. <i>European Heart Journal</i> , 2020, 41, 1796-1797.	2.2	12

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19	Unlocking the Value of White Blood Cells for Heart Failure Diagnosis. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 53-62.	2.4	12
20	Leveraging non-coding RNAs to fight cardiovascular disease: the EU-CardioRNA network. <i>European Heart Journal</i> , 2021, 42, 4881-4883.	2.2	12
21	Mutations in <i>PDLIM5</i> are rare in dilated cardiomyopathy but are emerging as potential disease modifiers. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1049.	1.2	11
22	Human embryonic stem cell-derived cardiomyocyte platform screens inhibitors of SARS-CoV-2 infection. <i>Communications Biology</i> , 2021, 4, 926.	4.4	11
23	DUSP5-mediated inhibition of smooth muscle cell proliferation suppresses pulmonary hypertension and right ventricular hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H382-H389.	3.2	10
24	NOX1 mediates metabolic heart disease in mice and is upregulated in monocytes of humans with diastolic dysfunction. <i>Cardiovascular Research</i> , 2022, 118, 2973-2984.	3.8	10
25	Reversible lysine fatty acylation of an anchoring protein mediates adipocyte adrenergic signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	10
26	Anthracycline-Related Heart Failure: Certain Knowledge and Open Questions. <i>Current Heart Failure Reports</i> , 2020, 17, 357-364.	3.3	8
27	MSK-Mediated Phosphorylation of Histone H3 Ser28 Couples MAPK Signalling with Early Gene Induction and Cardiac Hypertrophy. <i>Cells</i> , 2022, 11, 604.	4.1	8
28	Linking Ca <sup>2+</sup> , SERCA and cardiac disease. <i>Cell Calcium</i> , 2018, 72, 132-134.	2.4	7
29	Distinct Cardiac Transcriptomic Clustering in Titin and Lamin A/C-Associated Dilated Cardiomyopathy Patients. <i>Circulation</i> , 2020, 142, 1230-1232.	1.6	7
30	Cardiac epigenetics: Driving signals to the cardiac epigenome in development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 88.	1.9	6
31	The Missing Link between Genetics and Cardiac Disease. <i>Non-coding RNA</i> , 2020, 6, 3.	2.6	5
32	Resistance to retinopathy development in obese, diabetic and hypertensive ZSF1 rats: an exciting model to identify protective genes. <i>Scientific Reports</i> , 2018, 8, 11922.	3.3	4
33	COVID-19 and BRD4: a stormy and cardiotoxic bromo-romance. , 2022, 2, .		2
34	Catapulting Toward a Molecular Understanding of HFpEF. <i>JACC Basic To Translational Science</i> , 2021, 6, 673-675.	4.1	0