

# James G W Smith

## List of Publications by Year in descending order

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17  
papers

935  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling Metabolic Shifts during Cardiomyocyte Differentiation, Iron Deficiency and Transferrin Rescue Using Human Pluripotent Stem Cells. <i>Metabolites</i> , 2022, 12, 9.	2.9	7
2	BCL-XI Driven Accumulation of Dysfunctional Mitochondria in Aged Stromal Cells Impairs the Haematopoietic Stem Cell Response to Stress. <i>Blood</i> , 2021, 138, 1097-1097.	1.4	0
3	Transcriptomic Analysis of Cardiomyocyte Extracellular Vesicles in Hypertrophic Cardiomyopathy Reveals Differential snoRNA Cargo. <i>Stem Cells and Development</i> , 2021, 30, 1215-1227.	2.1	14
4	Mitochondrial DNA: Hotspot for Potential Gene Modifiers Regulating Hypertrophic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 2349.	2.4	8
5	Isogenic models of hypertrophic cardiomyopathy unveil differential phenotypes and mechanism-driven therapeutics. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 145, 43-53.	1.9	37
6	Modeling Hypertrophic Cardiomyopathy: Mechanistic Insights and Pharmacological Intervention. <i>Trends in Molecular Medicine</i> , 2019, 25, 775-790.	6.7	39
7	ROS-mediated PI3K activation drives mitochondrial transfer from stromal cells to hematopoietic stem cells in response to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24610-24619.	7.1	82
8	Variable expression and silencing of CRISPR-Cas9 targeted transgenes identifies the AAVS1 locus as not an entirely safe harbour. <i>F1000Research</i> , 2019, 8, 1911.	1.6	16
9	Simplified Footprint-Free Cas9/CRISPR Editing of Cardiac-Associated Genes in Human Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2018, 27, 391-404.	2.1	24
10	Isogenic Pairs of hiPSC-CMs with Hypertrophic Cardiomyopathy/LVNC-Associated ACTC1 E99K Mutation Unveil Differential Functional Deficits. <i>Stem Cell Reports</i> , 2018, 11, 1226-1243.	4.8	51
11	CRISPR/Cas9 editing in human pluripotent stem cell-cardiomyocytes highlights arrhythmias, hypocontractility, and energy depletion as potential therapeutic targets for hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2018, 39, 3879-3892.	2.2	176
12	Identification of polymer surface adsorbed proteins implicated in pluripotent human embryonic stem cell expansion. <i>Biomaterials Science</i> , 2016, 4, 1381-1391.	5.4	19
13	Cardiomyocytes from human pluripotent stem cells: From laboratory curiosity to industrial biomedical platform. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1728-1748.	4.1	235
14	Discovery of a Novel Polymer for Human Pluripotent Stem Cell Expansion and Multilineage Differentiation. <i>Advanced Materials</i> , 2015, 27, 4006-4012.	21.0	75
15	Scaling human pluripotent stem cell expansion and differentiation: are cell factories becoming a reality?. <i>Regenerative Medicine</i> , 2015, 10, 925-930.	1.7	6
16	Materials for stem cell factories of the future. <i>Nature Materials</i> , 2014, 13, 570-579.	27.5	145
17	Quantifiable correlation of ToF-SIMS and XPS data from polymer surfaces with controlled amino acid and peptide content. <i>Surface and Interface Analysis</i> , 0, , .	1.8	1