

Ricardo Serrano

List of Publications by Year in descending order

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21
papers

1,115
citations

623699

14
h-index

888047

17
g-index

23
all docs

23
docs citations

23
times ranked

1854
citing authors

#	ARTICLE	IF	CITATIONS
1	Serine biosynthesis as a novel therapeutic target for dilated cardiomyopathy. <i>European Heart Journal</i> , 2022, 43, 3477-3489.	2.2	23
2	Reengineering Ponatinib to Minimize Cardiovascular Toxicity. <i>Cancer Research</i> , 2022, 82, 2777-2791.	0.9	7
3	Reengineering an Antiarrhythmic Drug Using Patient hiPSC Cardiomyocytes to Improve Therapeutic Potential and Reduce Toxicity. <i>Cell Stem Cell</i> , 2020, 27, 813-821.e6.	11.1	33
4	Metabolic Maturation Media Improve Physiological Function of Human iPSC-Derived Cardiomyocytes. <i>Cell Reports</i> , 2020, 32, 107925.	6.4	198
5	A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy. <i>PLoS Genetics</i> , 2020, 16, e1009000.	3.5	25
6	A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy. , 2020, 16, e1009000.		0
7	A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy. , 2020, 16, e1009000.		0
8	A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy. , 2020, 16, e1009000.		0
9	A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy. , 2020, 16, e1009000.		0
10	Three-Dimensional Monolayer Stress Microscopy. <i>Biophysical Journal</i> , 2019, 117, 111-128.	0.5	30
11	MiR-145 mediates cell morphology-regulated mesenchymal stem cell differentiation to smooth muscle cells. <i>Biomaterials</i> , 2019, 204, 59-69.	11.4	32
12	miR-486 is modulated by stretch and increases ventricular growth. <i>JCI Insight</i> , 2019, 4, .	5.0	26
13	Hemodynamic-mediated endocardial signaling controls in vivo myocardial reprogramming. <i>ELife</i> , 2019, 8, .	6.0	30
14	High-Throughput Functional Screening Assay of Force and Stiffness in iPSC Derived Cardiomyocytes. <i>Biophysical Journal</i> , 2018, 114, 312a.	0.5	4
15	Three-dimensional forces exerted by leukocytes and vascular endothelial cells dynamically facilitate diapedesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 133-138.	7.1	42
16	Use of human induced pluripotent stem cell-derived cardiomyocytes to assess drug cardiotoxicity. <i>Nature Protocols</i> , 2018, 13, 3018-3041.	12.0	102
17	A Multi-well Format Polyacrylamide-based Assay for Studying the Effect of Extracellular Matrix Stiffness on the Bacterial Infection of Adherent Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	8
18	High-throughput screening of tyrosine kinase inhibitor cardiotoxicity with human induced pluripotent stem cells. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	297

#	ARTICLE	IF	CITATIONS
19	Rickettsia Sca4 Reduces Vinculin-Mediated Intercellular Tension to Promote Spread. Cell, 2016, 167, 670-683.e10.	28.9	101
20	High throughput physiological screening of iPSC-derived cardiomyocytes for drug development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 1717-1727.	4.1	99
21	Cyclic stretch of embryonic cardiomyocytes increases proliferation, growth, and expression while repressing Tgf- β 2 signaling. Journal of Molecular and Cellular Cardiology, 2015, 79, 133-144.	1.9	56