

# Alessandro Bertero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4750924/publications.pdf>

Version: 2024-02-01

30  
papers

2,685  
citations

279798

23  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional chromatin organization in cardiac development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 89-105.	1.9	13
2	RNA Biogenesis Instructs Functional Inter-Chromosomal Genome Architecture. <i>Frontiers in Genetics</i> , 2021, 12, 645863.	2.3	7
3	SARS-CoV-2 Infects Human Pluripotent Stem Cell-Derived Cardiomyocytes, Impairing Electrical and Mechanical Function. <i>Stem Cell Reports</i> , 2021, 16, 478-492.	4.8	75
4	Pharmacologic therapy for engraftment arrhythmia induced by transplantation of human cardiomyocytes. <i>Stem Cell Reports</i> , 2021, 16, 2473-2487.	4.8	42
5	Gain-of-function cardiomyopathic mutations in RBM20 rewire splicing regulation and re-distribute ribonucleoprotein granules within processing bodies. <i>Nature Communications</i> , 2021, 12, 6324.	12.8	23
6	A More Open Approach Is Needed to Develop Cell-Based Fish Technology: It Starts with Zebrafish. <i>One Earth</i> , 2020, 3, 54-64.	6.8	31
7	Chromatin compartment dynamics in a haploinsufficient model of cardiac laminopathy. <i>Journal of Cell Biology</i> , 2019, 218, 2919-2944.	5.2	46
8	Epicardial cells derived from human embryonic stem cells augment cardiomyocyte-driven heart regeneration. <i>Nature Biotechnology</i> , 2019, 37, 895-906.	17.5	139
9	Learn from Your Elders: Developmental Biology Lessons to Guide Maturation of Stem Cell-Derived Cardiomyocytes. <i>Pediatric Cardiology</i> , 2019, 40, 1367-1387.	1.3	47
10	The K219T-Lamin mutation induces conduction defects through epigenetic inhibition of SCN5A in human cardiac laminopathy. <i>Nature Communications</i> , 2019, 10, 2267.	12.8	79
11	Conditional Gene Knockout in Human Cells with Inducible CRISPR/Cas9. <i>Methods in Molecular Biology</i> , 2019, 1961, 185-209.	0.9	4
12	Dynamics of genome reorganization during human cardiogenesis reveal an RBM20-dependent splicing factory. <i>Nature Communications</i> , 2019, 10, 1538.	12.8	104
13	The SMAD2/3 interactome reveals that TGF $\beta$ 2 controls m6A mRNA methylation in pluripotency. <i>Nature</i> , 2018, 555, 256-259.	27.8	283
14	Afterload promotes maturation of human induced pluripotent stem cell derived cardiomyocytes in engineered heart tissues. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 147-158.	1.9	127
15	Conditional Manipulation of Gene Function in Human Cells with Optimized Inducible shRNA. <i>Current Protocols in Stem Cell Biology</i> , 2018, 44, 5C.4.1-5C.4.48.	3.0	11
16	Hallmarks of cardiac regeneration. <i>Nature Reviews Cardiology</i> , 2018, 15, 579-580.	13.7	39
17	Methods of Cloning. , 2017, , 19-39.		5
18	Inducible and Deterministic Forward Programming of Human Pluripotent Stem Cells into Neurons, Skeletal Myocytes, and Oligodendrocytes. <i>Stem Cell Reports</i> , 2017, 8, 803-812.	4.8	115

#	ARTICLE	IF	CITATIONS
19	Directed differentiation of human induced pluripotent stem cells into functional cholangiocyte-like cells. <i>Nature Protocols</i> , 2017, 12, 814-827.	12.0	93
20	Genome editing reveals a role for OCT4 in human embryogenesis. <i>Nature</i> , 2017, 550, 67-73.	27.8	315
21	Reconstruction of the mouse extrahepatic biliary tree using primary human extrahepatic cholangiocyte organoids. <i>Nature Medicine</i> , 2017, 23, 954-963.	30.7	210
22	Optimized inducible shRNA and CRISPR/Cas9 platforms for <i>in vitro</i> studies of human development using hPSCs. <i>Development (Cambridge)</i> , 2016, 143, 4405-4418.	2.5	75
23	Initiation of stem cell differentiation involves cell cycle-dependent regulation of developmental genes by Cyclin D. <i>Genes and Development</i> , 2016, 30, 421-433.	5.9	115
24	Fucci2a mouse upgrades live cell cycle imaging. <i>Cell Cycle</i> , 2015, 14, 948-949.	2.6	1
25	Cholangiocytes derived from human induced pluripotent stem cells for disease modeling and drug validation. <i>Nature Biotechnology</i> , 2015, 33, 845-852.	17.5	318
26	Activin/Nodal signaling and NANOG orchestrate human embryonic stem cell fate decisions by controlling the H3K4me3 chromatin mark. <i>Genes and Development</i> , 2015, 29, 702-717.	5.9	115
27	Morgana and melusin: Two fairies chaperoning signal transduction. <i>Cell Cycle</i> , 2011, 10, 3678-3683.	2.6	28
28	Structure-Function Analyses Point to a Polynucleotide-Accommodating Groove Essential for APOBEC3A Restriction Activities. <i>Journal of Virology</i> , 2011, 85, 1765-1776.	3.4	67
29	ERK1/2 activation in heart is controlled by melusin, focal adhesion kinase and the scaffold protein IQGAP1. <i>Journal of Cell Science</i> , 2011, 124, 3515-3524.	2.0	53
30	IQGAP1 regulates ERK1/2 and AKT signalling in the heart and sustains functional remodelling upon pressure overload. <i>Cardiovascular Research</i> , 2011, 91, 456-464.	3.8	76