

# Ana Sofia Rodrigues

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/986274/publications.pdf>

Version: 2024-02-01

20  
papers

1,029  
citations

686830

13  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Metabolism in Human Pluripotent Stem Cells and Their Differentiated Counterparts. PLoS ONE, 2011, 6, e20914.	1.1	574
2	Nucleolin overexpression in breast cancer cell sub-populations with different stem-like phenotype enables targeted intracellular delivery of synergistic drug combination. Biomaterials, 2015, 69, 76-88.	5.7	73
3	Inhibition of Mitochondrial Complex III Blocks Neuronal Differentiation and Maintains Embryonic Stem Cell Pluripotency. PLoS ONE, 2013, 8, e82095.	1.1	67
4	Seasonal functional relevance of sperm characteristics in equine spermatozoa. Theriogenology, 2010, 73, 950-958.	0.9	43
5	The quantification of lipid and protein oxidation in stallion spermatozoa and seminal plasma: Seasonal distinctions and correlations with DNA strand breaks, classical seminal parameters and stallion fertility. Animal Reproduction Science, 2008, 106, 36-47.	0.5	39
6	Dichloroacetate, the Pyruvate Dehydrogenase Complex and the Modulation of mESC Pluripotency. PLoS ONE, 2015, 10, e0131663.	1.1	35
7	Sirtuins in metabolism, stemness and differentiation. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3444-3455.	1.1	32
8	Testicular aging involves mitochondrial dysfunction as well as an increase in UCP2 levels and proton leak. FEBS Letters, 2008, 582, 4191-4196.	1.3	31
9	From gametogenesis and stem cells to cancer: common metabolic themes. Human Reproduction Update, 2014, 20, 924-943.	5.2	26
10	Differentiate or Die: 3-Bromopyruvate and Pluripotency in Mouse Embryonic Stem Cells. PLoS ONE, 2015, 10, e0135617.	1.1	19
11	Pluri-IQ: Quantification of Embryonic Stem Cell Pluripotency through anImage-Based Analysis Software. Stem Cell Reports, 2017, 9, 697-709.	2.3	19
12	Different concentrations of kaempferol distinctly modulate murine embryonic stem cell function. Food and Chemical Toxicology, 2016, 87, 148-156.	1.8	18
13	Mitochondrial Mechanisms of Metabolic Reprogramming in Proliferating Cells. Current Medicinal Chemistry, 2015, 22, 2493-2504.	1.2	15
14	Metabolic characterization of a paused-like pluripotent state. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129612.	1.1	14
15	Proton leak modulation in testicular mitochondria affects reactive oxygen species production and lipid peroxidation. Cell Biochemistry and Function, 2010, 28, 224-231.	1.4	6
16	Stem metabolism: Insights from oncometabolism and vice versa. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165760.	1.8	5
17	Data on the potential impact of food supplements on the growth of mouse embryonic stem cells. Data in Brief, 2016, 7, 1190-1195.	0.5	4
18	Effects of DMSO on the Pluripotency of Cultured Mouse Embryonic Stem Cells (mESCs). Stem Cells International, 2020, 2020, 1-12.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Adição de piruvato de s <sup>3</sup> dio e trolox ao diluidor utilizado para congelação de s <sup>a</sup> men de garanhões f <sup>o</sup> rteis e subf <sup>o</sup> rteis. Ciencia Rural, 2008, 38, 2271-2277.	0.3	2
20	From Oocytes and Pluripotent Stem Cells to Fully Differentiated Fates: (Also) a Mitochondrial Odyssey. , 2013, , 69-86.		1