

# Sara Della Torre

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,553  
citations

361413

20  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2197  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Deep Correlation between Energy Metabolism and Reproduction: A View on the Effects of Nutrition for Women Fertility. <i>Nutrients</i> , 2016, 8, 87.	4.1	139
2	The Role of Sex and Sex Hormones in Neurodegenerative Diseases. <i>Endocrine Reviews</i> , 2020, 41, 273-319.	20.1	118
3	A diastrophic dysplasia sulfate transporter (SLC26A2) mutant mouse: morphological and biochemical characterization of the resulting chondrodysplasia phenotype. <i>Human Molecular Genetics</i> , 2005, 14, 859-871.	2.9	116
4	Amino Acid-Dependent Activation of Liver Estrogen Receptor Alpha Integrates Metabolic and Reproductive Functions via IGF-1. <i>Cell Metabolism</i> , 2011, 13, 205-214.	16.2	111
5	Short-Term Fasting Reveals Amino Acid Metabolism as a Major Sex-Discriminating Factor in the Liver. <i>Cell Metabolism</i> , 2018, 28, 256-267.e5.	16.2	109
6	Energy metabolism and fertility—a balance preserved for female health. <i>Nature Reviews Endocrinology</i> , 2014, 10, 13-23.	9.6	101
7	Sexual differentiation of microglia. <i>Frontiers in Neuroendocrinology</i> , 2019, 52, 156-164.	5.2	97
8	An Essential Role for Liver ER $\alpha$ in Coupling Hepatic Metabolism to the Reproductive Cycle. <i>Cell Reports</i> , 2016, 15, 360-371.	6.4	90
9	Tetradian oscillation of estrogen receptor $\alpha$ is necessary to prevent liver lipid deposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11806-11811.	7.1	77
10	A Lack of Ovarian Function Increases Neuroinflammation in Aged Mice. <i>Endocrinology</i> , 2012, 153, 2777-2788.	2.8	76
11	Sex, metabolism and health. <i>Molecular Metabolism</i> , 2018, 15, 3-7.	6.5	52
12	Sex Differences: A Resultant of an Evolutionary Pressure?. <i>Cell Metabolism</i> , 2017, 25, 499-505.	16.2	50
13	Hepatic ER $\alpha$ accounts for sex differences in the ability to cope with an excess of dietary lipids. <i>Molecular Metabolism</i> , 2020, 32, 97-108.	6.5	50
14	Estrogen receptor $\beta$ and the progression of prostate cancer: role of 5 $\alpha$ -androstane-3 $\beta$ ,17 $\beta$ -diol. <i>Endocrine-Related Cancer</i> , 2010, 17, 731-742.	3.1	49
15	Non-alcoholic Fatty Liver Disease as a Canonical Example of Metabolic Inflammatory-Based Liver Disease Showing a Sex-Specific Prevalence: Relevance of Estrogen Signaling. <i>Frontiers in Endocrinology</i> , 2020, 11, 572490.	3.5	47
16	Human recombinant prolidase from eukaryotic and prokaryotic sources.. <i>FEBS Journal</i> , 2006, 273, 5466-5478.	4.7	38
17	The estrogen—macrophage interplay in the homeostasis of the female reproductive tract. <i>Human Reproduction Update</i> , 2018, 24, 652-672.	10.8	32
18	The Conundrum of Estrogen Receptor Oscillatory Activity in the Search for an Appropriate Hormone Replacement Therapy. <i>Endocrinology</i> , 2011, 152, 2256-2265.	2.8	31

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19	Characterization of a new PEPD allele causing prolidase deficiency in two unrelated patients: natural-occurrent mutations as a tool to investigate structureâ€“function relationship. <i>Journal of Human Genetics</i> , 2004, 49, 500-506.	2.3	28
20	Beyond the X Factor: Relevance of Sex Hormones in NAFLD Pathophysiology. <i>Cells</i> , 2021, 10, 2502.	4.1	28
21	Estrogen Replacement Therapy Regulation Of Energy Metabolism In Female Mouse Hypothalamus. <i>Endocrinology</i> , 2014, 155, 2213-2221.	2.8	20
22	Dietary essential amino acids restore liver metabolism in ovariectomized mice via hepatic estrogen receptor $\hat{\pm}$ . <i>Nature Communications</i> , 2021, 12, 6883.	12.8	18
23	Sexual Dimorphism and Estrogen Action in Mouse Liver. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1043, 141-151.	1.6	17
24	Cancer modeling: Modern imaging applications in the generation of novel animal model systems to study cancer progression and therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1288-1296.	2.8	14
25	Liver ER $\hat{\pm}$ regulates AgRP neuronal activity in the arcuate nucleus of female mice. <i>Scientific Reports</i> , 2017, 7, 1194.	3.3	14
26	Transcriptional activity of oestrogen receptors in the course of embryo development. <i>Journal of Endocrinology</i> , 2018, 238, 165-176.	2.6	12
27	Hypothalamic NPY-Y1R Interacts with Gonadal Hormones in Protecting Female Mice against Obesity and Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6351.	4.1	8
28	Optimization of a capillary electrophoretic method to detect and quantify the Glyâ€“Pro dipeptide in complex matrices from long term cultured prolidase deficiency fibroblasts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 795, 133-139.	2.3	5
29	Insights from a Transgenic Mouse Model on the Role of SLC26A2 in Health and Disease. <i>Novartis Foundation Symposium</i> , 2008, , 193-212.	1.1	4
30	Selective Estrogen Receptor Modulators and the Tissue-Selective Estrogen Complex: Analysis of Cell Type-Specific Effects Using In Vivo Imaging of a Reporter Mouse Model. <i>Methods in Molecular Biology</i> , 2016, 1366, 297-313.	0.9	1
31	The Use of ERE-Luc Reporter Mice to Monitor Estrogen Receptor Transcriptional Activity in a Spatio-Temporal Dimension. <i>Methods in Molecular Biology</i> , 2022, 2418, 153-172.	0.9	1