Carolina M Greco

List of Publications by Year
in descending order

31 papers	3,292 citations	257101 24 h-index	454577 30 g-index
34 all docs	34 docs citations	34 times ranked	5144 citing authors

#	Article	IF	Citations
1	Circadian Control of the NAD ⁺ Salvage Pathway by CLOCK-SIRT1. Science, 2009, 324, 654-657.	6.0	1,046
2	PTX3 Is an Extrinsic Oncosuppressor Regulating Complement-Dependent Inflammation in Cancer. Cell, 2015, 160, 700-714.	13.5	334
3	Light induces chromatin modification in cells of the mammalian circadian clock. Nature Neuroscience, 2000, 3, 1241-1247.	7.1	246
4	Genome-wide analysis of histone marks identifying an epigenetic signature of promoters and enhancers underlying cardiac hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20164-20169.	3.3	210
5	T cell costimulation blockade blunts pressure overload-induced heart failure. Nature Communications, 2017, 8, 14680.	5.8	139
6	DNA hydroxymethylation controls cardiomyocyte gene expression in development and hypertrophy. Nature Communications, 2016, 7, 12418.	5.8	127
7	Dietary palmitic acid promotes a prometastatic memory via Schwann cells. Nature, 2021, 599, 485-490.	13.7	126
8	Epigenetic modifications and noncoding RNAs in cardiac hypertrophy and failure. Nature Reviews Cardiology, 2015, 12, 488-497.	6.1	117
9	Sirtuins and the circadian clock: Bridging chromatin and metabolism. Science Signaling, 2014, 7, re6.	1.6	78
10	When Metabolism and Epigenetics Converge. Science, 2013, 339, 148-150.	6.0	75
11	Epigenetic control and the circadian clock: Linking metabolism to neuronal responses. Neuroscience, 2014, 264, 76-87.	1.1	73
12	Circadian blueprint of metabolic pathways in the brain. Nature Reviews Neuroscience, 2019, 20, 71-82.	4.9	70
13	Epigenetics: a new mechanism of regulation of heart failure?. Basic Research in Cardiology, 2013, 108, 361.	2.5	63
14	Protein phosphatase PHLPP1 controls the light-induced resetting of the circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1642-1647.	3.3	58
15	DOT1L-mediated H3K79me2 modification critically regulates gene expression during cardiomyocyte differentiation. Cell Death and Differentiation, 2016, 23, 555-564.	5.0	57
16	Epigenetic regulation of the extrinsic oncosuppressor PTX3 gene in inflammation and cancer. OncoImmunology, 2017, 6, e1333215.	2.1	56
17	Ketogenesis impact on liver metabolism revealed by proteomics of lysine Î²-hydroxybutyrylation. Cell Reports, 2021, 36, 109487.	2.9	56
18	The circadian dynamics of the hippocampal transcriptome and proteome is altered in experimental temporal lobe epilepsy. Science Advances, 2020, 6, .	4.7	50

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19	Integration of feeding behavior by the liver circadian clock reveals network dependency of metabolic rhythms. Science Advances, 2021, 7, eabi7828.	4.7	50
20	S-adenosyl- <scp>l</scp> -homocysteine hydrolase links methionine metabolism to the circadian clock and chromatin remodeling. Science Advances, 2020, 6, .	4.7	49
21	Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25250-25259.	3.3	38
22	Coupling circadian rhythms of metabolism and chromatin remodelling. Diabetes, Obesity and Metabolism, 2015, 17, 17-22.	2.2	30
23	Aliskiren reduces prorenin receptor expression and activity in cultured human aortic smooth muscle cells. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 469-474.	1.0	28
24	Chemotactic effect of prorenin on human aortic smooth muscle cells: a novel function of the (pro)renin receptor. Cardiovascular Research, 2012, 95, 366-374.	1.8	27
25	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. Diabetes, 2020, 69, 2324-2339.	0.3	25
26	How pervasive are circadian oscillations?. Trends in Cell Biology, 2014, 24, 329-331.	3.6	16
27	Personalized medicine and circadian rhythms: Opportunities for modern society. Journal of Experimental Medicine, 2020, 217, .	4.2	13
28	Expanding the link between circadian rhythms and redox metabolism of epigenetic control. Free Radical Biology and Medicine, 2021, 170, 50-58.	1.3	13
29	The central clock suffices to drive the majority of circulatory metabolic rhythms. Science Advances, 2022, 8, .	4.7	11
30	A non-pharmacological therapeutic approach in the gut triggers distal metabolic rewiring capable of ameliorating diet-induced dysfunctions encompassed by metabolic syndrome. Scientific Reports, 2020, 10, 12915.	1.6	7
31	The Bodyâ€™s Clock: Timekeeping With Food. Frontiers for Young Minds, 0, 7, .	0.8	0