

# Emilie Montellier

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

2,463  
citations

14  
h-index

19  
g-index

19  
ext. papers

2,976  
ext. citations

11.7  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
18	Identification of 67 histone marks and histone lysine crotonylation as a new type of histone modification. <i>Cell</i> , <b>2011</b> , 146, 1016-28	56.2	1150
17	Lysine 2-hydroxyisobutyrylation is a widely distributed active histone mark. <i>Nature Chemical Biology</i> , <b>2014</b> , 10, 365-70	11.7	259
16	Bromodomain-dependent stage-specific male genome programming by Brdt. <i>EMBO Journal</i> , <b>2012</b> , 31, 3809-20	13	160
15	Chromatin-to-nucleoprotamine transition is controlled by the histone H2B variant TH2B. <i>Genes and Development</i> , <b>2013</b> , 27, 1680-92	12.6	151
14	Dynamic Competing Histone H4 K5K8 Acetylation and Butyrylation Are Hallmarks of Highly Active Gene Promoters. <i>Molecular Cell</i> , <b>2016</b> , 62, 169-180	17.6	144
13	From meiosis to postmeiotic events: the secrets of histone disappearance. <i>FEBS Journal</i> , <b>2010</b> , 277, 599-604	9.4	131
12	Histone crotonylation specifically marks the haploid male germ cell gene expression program: post-meiotic male-specific gene expression. <i>BioEssays</i> , <b>2012</b> , 34, 187-93	4.1	79
11	Molecular Cogs: Interplay between Circadian Clock and Cell Cycle. <i>Trends in Cell Biology</i> , <b>2018</b> , 28, 368-378	8.3	75
10	Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription. <i>ELife</i> , <b>2014</b> , 3, e01632	8.9	73
9	Histone Variant H2A.L.2 Guides Transition Protein-Dependent Protamine Assembly in Male Germ Cells. <i>Molecular Cell</i> , <b>2017</b> , 66, 89-101.e8	17.6	67
8	A Circadian Genomic Signature Common to Ketamine and Sleep Deprivation in the Anterior Cingulate Cortex. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 351-360	7.9	60
7	Epigenetic regulation of the circadian gene <i>Per1</i> contributes to age-related changes in hippocampal memory. <i>Nature Communications</i> , <b>2018</b> , 9, 3323	17.4	59
6	Molecular models for post-meiotic male genome reprogramming. <i>Systems Biology in Reproductive Medicine</i> , <b>2011</b> , 57, 50-3	2.9	19
5	Distinct metabolic adaptation of liver circadian pathways to acute and chronic patterns of alcohol intake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 25250-25259	11.5	17
4	Targeting the interplay between metabolism and epigenetics in cancer. <i>Current Opinion in Oncology</i> , <b>2019</b> , 31, 92-99	4.2	10
3	Multi-platform NMR Study of Pluripotent Stem Cells Unveils Complementary Metabolic Signatures towards Differentiation. <i>Scientific Reports</i> , <b>2020</b> , 10, 1622	4.9	6
2	A non-pharmacological therapeutic approach in the gut triggers distal metabolic rewiring capable of ameliorating diet-induced dysfunctions encompassed by metabolic syndrome. <i>Scientific Reports</i> , <b>2020</b> , 10, 12915	4.9	2

- 1 Intermittent Hypoxia Rewires the Liver Transcriptome and Fires up Fatty Acids Usage for Mitochondrial Respiration.. *Frontiers in Medicine*, **2022**, 9, 829979 4.9