

Antonio Sarno

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

307
citations

8
h-index

17
g-index

23
ext. papers

496
ext. citations

11.5
avg, IF

3.22
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 18 | Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018 , 362, 834-839 | 33.3 | 71 |
| 17 | AID expression in B-cell lymphomas causes accumulation of genomic uracil and a distinct AID mutational signature. <i>DNA Repair</i> , 2015 , 25, 60-71 | 4.3 | 48 |
| 16 | Modulation of cell metabolic pathways and oxidative stress signaling contribute to acquired melphalan resistance in multiple myeloma cells. <i>PLoS ONE</i> , 2015 , 10, e0119857 | 3.7 | 37 |
| 15 | UV degradation of natural and synthetic microfibers causes fragmentation and release of polymer degradation products and chemical additives. <i>Science of the Total Environment</i> , 2021 , 755, 143170 | 10.2 | 35 |
| 14 | Uracil Accumulation and Mutagenesis Dominated by Cytosine Deamination in CpG Dinucleotides in Mice Lacking UNG and SMUG1. <i>Scientific Reports</i> , 2017 , 7, 7199 | 4.9 | 32 |
| 13 | dUTPase inhibition augments replication defects of 5-Fluorouracil. <i>Oncotarget</i> , 2017 , 8, 23713-23726 | 3.3 | 18 |
| 12 | Uracil-DNA glycosylase UNG1 isoform variant supports class switch recombination and repairs nuclear genomic uracil. <i>Nucleic Acids Research</i> , 2019 , 47, 4569-4585 | 20.1 | 12 |
| 11 | Generation of a Mouse Model Lacking the Non-Homologous End-Joining Factor Mri/Cyren. <i>Biomolecules</i> , 2019 , 9, | 5.9 | 9 |
| 10 | Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020 , 48, 12234-12251 | 20.1 | 8 |
| 9 | MutT homologue 1 (MTH1) catalyzes the hydrolysis of mutagenic O6-methyl-dGTP. <i>Nucleic Acids Research</i> , 2018 , 46, 10888-10904 | 20.1 | 8 |
| 8 | RNA Metabolism Guided by RNA Modifications: The Role of SMUG1 in rRNA Quality Control. <i>Biomolecules</i> , 2021 , 11, | 5.9 | 6 |
| 7 | Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020 , 16, 1120-1128 | 11.7 | 5 |
| 6 | MutT homologue 1 (MTH1) removes N6-methyl-dATP from the dNTP pool. <i>Journal of Biological Chemistry</i> , 2020 , 295, 4761-4772 | 5.4 | 3 |
| 5 | Expression and recruitment of uracil-DNA glycosylase are regulated by E2A during antibody diversification. <i>Molecular Immunology</i> , 2014 , 60, 23-31 | 4.3 | 3 |
| 4 | HDACi mediate UNG2 depletion, dysregulated genomic uracil and altered expression of oncoproteins and tumor suppressors in B- and T-cell lines. <i>Journal of Translational Medicine</i> , 2020 , 18, 159 | 8.5 | 3 |
| 3 | Sustainable resource production for manufacturing bioactives from micro- and macroalgae: Examples from harvesting and cultivation in the Nordic region. <i>Physiologia Plantarum</i> , 2021 , 173, 495-506 | 4.6 | 2 |
| 2 | Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress.. <i>Nature Cancer</i> , 2022 , 3, 156-172 | 15.4 | 2 |

1 Accelerated Hydrolysis Method for Producing Partially Degraded Polyester Microplastic Fiber Reference Materials. *Environmental Science and Technology Letters*, **2021**, 8, 250-255 11 1