

Antonio Sarno

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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	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
17	Accelerated Hydrolysis Method for Producing Partially Degraded Polyester Microplastic Fiber Reference Materials. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 250-255	11	1
16	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
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	RNA Metabolism Guided by RNA Modifications: The Role of SMUG1 in rRNA Quality Control. <i>Biomolecules</i> , 2021 , 11,	5.9	6
13	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
12	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020 , 16, 1120-1128	11.7	5
11	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020 , 48, 12234-12251	20.1	8
10	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
9	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
8	Generation of a Mouse Model Lacking the Non-Homologous End-Joining Factor Mri/Cyren. <i>Biomolecules</i> , 2019 , 9,	5.9	9
7	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018 , 362, 834-839	33.3	71
6	MutT homologue 1 (MTH1) catalyzes the hydrolysis of mutagenic O6-methyl-dGTP. <i>Nucleic Acids Research</i> , 2018 , 46, 10888-10904	20.1	8
5	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
4	dUTPase inhibition augments replication defects of 5-Fluorouracil. <i>Oncotarget</i> , 2017 , 8, 23713-23726	3.3	18
3	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
2	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

- 1 Expression and recruitment of uracil-DNA glycosylase are regulated by E2A during antibody diversification. *Molecular Immunology*, **2014**, 60, 23-31 43 3