

Antonio Sarno

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

666
citations

758635

12
h-index

794141

19
g-index

23
all docs

23
docs citations

23
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-molecule inhibitor of OGG1 suppresses proinflammatory gene expression and inflammation. <i>Science</i> , 2018, 362, 834-839.	6.0	156
2	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.	3.9	125
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.	1.3	59
4	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.	1.1	51
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.	1.6	43
6	Pharmacological targeting of MTHFD2 suppresses acute myeloid leukemia by inducing thymidine depletion and replication stress. <i>Nature Cancer</i> , 2022, 3, 156-172.	5.7	30
7	Targeting OGG1 arrests cancer cell proliferation by inducing replication stress. <i>Nucleic Acids Research</i> , 2020, 48, 12234-12251.	6.5	29
8	dUTPase inhibition augments replication defects of 5-Fluorouracil. <i>Oncotarget</i> , 2017, 8, 23713-23726.	0.8	27
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.	6.5	20
10	Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. <i>Science</i> , 2022, 376, 1471-1476.	6.0	20
11	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.	2.6	16
12	Accelerated Hydrolysis Method for Producing Partially Degraded Polyester Microplastic Fiber Reference Materials. <i>Environmental Science and Technology Letters</i> , 2021, 8, 250-255.	3.9	16
13	Generation of a Mouse Model Lacking the Non-Homologous End-Joining Factor Mri/Cyren. <i>Biomolecules</i> , 2019, 9, 798.	1.8	14
14	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14
15	MutT homologue 1 (MTH1) catalyzes the hydrolysis of mutagenic O6-methyl-dGTP. <i>Nucleic Acids Research</i> , 2018, 46, 10888-10904.	6.5	13
16	MutT homologue 1 (MTH1) removes N6-methyl-dATP from the dNTP pool. <i>Journal of Biological Chemistry</i> , 2020, 295, 4761-4772.	1.6	10
17	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.	1.8	10
18	RNA Metabolism Guided by RNA Modifications: The Role of SMUG1 in rRNA Quality Control. <i>Biomolecules</i> , 2021, 11, 76.	1.8	8

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19	Expression and recruitment of uracil-DNA glycosylase are regulated by E2A during antibody diversification. <i>Molecular Immunology</i> , 2014, 60, 23-31.	1.0	3
20	Enzymology of Genomic Uracil Repair. , 2018, , 89-126.		2
21	Genomic Uracil and Cancer. , 2018, , 183-244.		0
22	Quantification of Genomic Uracil. , 2018, , 245-273.		0