

Irene Caffa

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,333
citations

218677

26
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

4174
citing authors

#	ARTICLE	IF	CITATIONS
1	Fasting and cancer: molecular mechanisms and clinical application. <i>Nature Reviews Cancer</i> , 2018, 18, 707-719.	28.4	324
2	Fasting-mimicking diet and hormone therapy induce breast cancer regression. <i>Nature</i> , 2020, 583, 620-624.	27.8	198
3	The NAD ⁺ -dependent Histone Deacetylase SIRT6 Promotes Cytokine Production and Migration in Pancreatic Cancer Cells by Regulating Ca ²⁺ Responses. <i>Journal of Biological Chemistry</i> , 2012, 287, 40924-40937.	3.4	151
4	CD73 Protein as a Source of Extracellular Precursors for Sustained NAD ⁺ Biosynthesis in FK866-treated Tumor Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 25938-25949.	3.4	129
5	Squalene epoxidase is a bona fide oncogene by amplification with clinical relevance in breast cancer. <i>Scientific Reports</i> , 2016, 6, 19435.	3.3	102
6	Synergistic effect of fasting-mimicking diet and vitamin C against KRAS mutated cancers. <i>Nature Communications</i> , 2020, 11, 2332.	12.8	90
7	Nicotinic Acid Phosphoribosyltransferase Regulates Cancer Cell Metabolism, Susceptibility to NAMPT Inhibitors, and DNA Repair. <i>Cancer Research</i> , 2017, 77, 3857-3869.	0.9	81
8	Combined targeting of perivascular and endothelial tumor cells enhances anti-tumor efficacy of liposomal chemotherapy in neuroblastoma. <i>Journal of Controlled Release</i> , 2010, 145, 66-73.	9.9	78
9	Regulation and Function of Extracellular Nicotinamide Phosphoribosyltransferase/Visfatin. , 2017, 7, 603-621.		78
10	Synergistic Interactions between HDAC and Sirtuin Inhibitors in Human Leukemia Cells. <i>PLoS ONE</i> , 2011, 6, e22739.	2.5	68
11	Fasting potentiates the anticancer activity of tyrosine kinase inhibitors by strengthening MAPK signaling inhibition. <i>Oncotarget</i> , 2015, 6, 11820-11832.	1.8	67
12	Nutrients in the Prevention of Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-20.	4.0	66
13	Therapeutic Targeting of TLR9 Inhibits Cell Growth and Induces Apoptosis in Neuroblastoma. <i>Cancer Research</i> , 2010, 70, 9816-9826.	0.9	65
14	Nicotinamide Phosphoribosyltransferase Promotes Epithelial-to-Mesenchymal Transition as a Soluble Factor Independent of Its Enzymatic Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 34189-34204.	3.4	64
15	Pharmacological Sirt6 inhibition improves glucose tolerance in a type 2 diabetes mouse model. <i>FASEB Journal</i> , 2017, 31, 3138-3149.	0.5	62
16	Potent synergistic interaction between the Nampt inhibitor APO866 and the apoptosis activator TRAIL in human leukemia cells. <i>Experimental Hematology</i> , 2010, 38, 979-988.	0.4	48
17	SIRT6 deacetylase activity regulates NAMPT activity and NAD(P)(H) pools in cancer cells. <i>FASEB Journal</i> , 2019, 33, 3704-3717.	0.5	48
18	Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors as Therapeutics: Rationales, Controversies, Clinical Experience. <i>Current Drug Targets</i> , 2013, 14, 637-643.	2.1	48

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19	Treatment with Angiotensin-(1â€“7) reduces inflammation in carotid atherosclerotic plaques. <i>Thrombosis and Haemostasis</i> , 2014, 111, 736-747.	3.4	47
20	Treatment with the CC chemokine-binding protein Evasin-4 improves post-infarction myocardial injury and survival in mice. <i>Thrombosis and Haemostasis</i> , 2013, 110, 807-825.	3.4	46
21	Enhanced anti-tumor activity of a new curcumin-related compound against melanoma and neuroblastoma cells. <i>Molecular Cancer</i> , 2010, 9, 137.	19.2	44
22	Nicotinamide phosphoribosyltransferase inhibition reduces intraplaque CXCL1 production and associated neutrophil infiltration in atherosclerotic mice. <i>Thrombosis and Haemostasis</i> , 2014, 112, 308-322.	3.4	44
23	Enhanced anti-tumor and anti-angiogenic efficacy of a novel liposomal fenretinide on human neuroblastoma. <i>Journal of Controlled Release</i> , 2013, 170, 445-451.	9.9	41
24	Frailty assessment in elective gastrointestinal oncogeriatric surgery: Predictors of one-year mortality and functional status. <i>Journal of Geriatric Oncology</i> , 2019, 10, 716-723.	1.0	41
25	PHOX2B-Mediated Regulation of ALK Expression: In Vitro Identification of a Functional Relationship between Two Genes Involved in Neuroblastoma. <i>PLoS ONE</i> , 2010, 5, e13108.	2.5	40
26	APO866 Increases Antitumor Activity of Cyclosporin-A by Inducing Mitochondrial and Endoplasmic Reticulum Stress in Leukemia Cells. <i>Clinical Cancer Research</i> , 2015, 21, 3934-3945.	7.0	31
27	Safety and Feasibility of Fasting-Mimicking Diet and Effects on Nutritional Status and Circulating Metabolic and Inflammatory Factors in Cancer Patients Undergoing Active Treatment. <i>Cancers</i> , 2021, 13, 4013.	3.7	31
28	Synthesis and biological characterization of 3-(imidazol-1-ylmethyl)piperidine sulfonamides as aromatase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3192-3194.	2.2	30
29	SIRT6 enhances oxidative phosphorylation in breast cancer and promotes mammary tumorigenesis in mice. <i>Cancer & Metabolism</i> , 2021, 9, 6.	5.0	25
30	Diminazene enhances stability of atherosclerotic plaques in ApoE-deficient mice. <i>Vascular Pharmacology</i> , 2015, 74, 103-113.	2.1	20
31	Frailty assessment, hip fracture and long-term clinical outcomes in older adults. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13445.	3.4	19
32	Chapter 12 Liposome-Mediated Therapy of Neuroblastoma. <i>Methods in Enzymology</i> , 2009, 465, 225-249.	1.0	13
33	EIF2A-dependent translational arrest protects leukemia cells from the energetic stress induced by NAMPT inhibition. <i>BMC Cancer</i> , 2015, 15, 855.	2.6	13
34	Synthesis and cancer growth inhibitory activities of 2-fatty-alkylated pyrrolidine-3,4-diol derivatives. <i>Arkivoc</i> , 2014, 2014, 197-214.	0.5	11
35	Identification of NAPRT Inhibitors with Anti-Cancer Properties by In Silico Drug Discovery. <i>Pharmaceuticals</i> , 2022, 15, 848.	3.8	10
36	Differential modulation of SIRT6 deacetylase and deacylase activities by lysine-based small molecules. <i>Molecular Diversity</i> , 2020, 24, 655-671.	3.9	8

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37	Structure-Based Identification and Biological Characterization of New NAPRT Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 855.	3.8	8
38	Effect of Geriatric Comanagement in Older Patients Undergoing Surgery for Gastrointestinal Cancer: A Retrospective, Before-and-After Study. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 1868.e9-1868.e16.	2.5	7
39	Nicotinic acid: A case for a vitamin that moonlights for cancer?. <i>Cell Cycle</i> , 2017, 16, 1635-1636.	2.6	6
40	Induction of cell killing and autophagy by amphiphilic pyrrolidine derivatives on human pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 457-478.	5.5	6
41	Fasting plus tyrosine kinase inhibitors in cancer. <i>Aging</i> , 2015, 7, 1026-1027.	3.1	6
42	Reply to "Fasting in oncology: a word of caution". <i>Nature Reviews Cancer</i> , 2019, 19, 178-178.	28.4	4
43	Development of a predictor of one-year mortality in older patients with cancer by geriatric and oncologic parameters. <i>Journal of Geriatric Oncology</i> , 2020, 11, 610-616.	1.0	4
44	Synthesis of Pyrrolidine 3,4-Diol Derivatives with Anticancer Activity on Pancreatic Tumor Cells. <i>Heterocycles</i> , 2014, 88, 1445.	0.7	3
45	Potential of crizotinib activity by fasting cycles in an ALK+ lung cancer model. <i>Journal of Clinical Oncology</i> , 2014, 32, e13511-e13511.	1.6	2
46	Enhancing endocrine therapy activity via fasting cycles: biological rationale and clinical feasibility. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1853492.	0.7	0