Mario Dicato

List of Publications by Year
in descending order

68 papers	4,972 citations	87888 38 h-index	95266 68 g-index
68 all docs	68 docs citations	68 times ranked	7909 citing authors

#	Article	IF	Citations
1	Chemopreventive and therapeutic effects of curcumin. Cancer Letters, 2005, 223, 181-190.	7.2	771
2	Modulation of anti-apoptotic and survival pathways by curcumin as a strategy to induce apoptosis in cancer cells. Biochemical Pharmacology, 2008, 76, 1340-1351.	4.4	288
3	Dietary chalcones with chemopreventive and chemotherapeutic potential. Genes and Nutrition, 2011, 6, 125-147.	2.5	213
4	Curcuminâ€•The Paradigm of a Multi-Target Natural Compound with Applications in Cancer Prevention and Treatment. Toxins, 2010, 2, 128-162.	3.4	176
5	Histone deacetylase 6 in health and disease. Epigenomics, 2015, 7, 103-118.	2.1	174
6	Antioxidant and anti-proliferative properties of lycopene. Free Radical Research, 2011, 45, 925-940.	3.3	173
7	Cancer-type-specific crosstalk between autophagy, necroptosis and apoptosis as a pharmacological target. Biochemical Pharmacology, 2015, 94, 1-11.	4.4	150
8	Curcumin as a regulator of epigenetic events. Molecular Nutrition and Food Research, 2013, 57, 1619-1629.	3.3	137
9	Chemopreventive potential of curcumin in prostate cancer. Genes and Nutrition, 2010, 5, 61-74.	2.5	128
10	Induction of apoptosis by curcumin: mediation by glutathione S-transferase P1-1 inhibition. Biochemical Pharmacology, 2003, 66, 1475-1483.	4.4	124
11	Gold from the sea: Marine compounds as inhibitors of the hallmarks of cancer. Biotechnology Advances, 2011, 29, 531-547.	11.7	112
12	Melatonin antagonizes the intrinsic pathway of apoptosis via mitochondrial targeting of Bclâ€2. Journal of Pineal Research, 2008, 44, 316-325.	7.4	110
13	A Beginner's Guide to NFâ€ºB Signaling Pathways. Annals of the New York Academy of Sciences, 2004, 1030, 1-13.	3.8	96
14	Redox biology of regulated cell death in cancer: A focus on necroptosis and ferroptosis. Free Radical Biology and Medicine, 2019, 134, 177-189.	2.9	95
15	Potential of the Dietary Antioxidants Resveratrol and Curcumin in Prevention and Treatment of Hematologic Malignancies. Molecules, 2010, 15, 7035-7074.	3.8	94
16	Hybrid Curcumin Compounds: A New Strategy for Cancer Treatment. Molecules, 2014, 19, 20839-20863.	3.8	94
17	Plant-derived epigenetic modulators for cancer treatment and prevention. Biotechnology Advances, 2014, 32, 1123-1132.	11.7	90
18	UNBS1450, a steroid cardiac glycoside inducing apoptotic cell death in human leukemia cells. Biochemical Pharmacology, 2011, 81, 13-23.	4.4	86

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19	Heteronemin, a spongean sesterterpene, inhibits TNFÎ±-induced NF-ÎºB activation through proteasome inhibition and induces apoptotic cell death. Biochemical Pharmacology, 2010, 79, 610-622.	4.4	85
20	Inhibition of TNFÎ±-induced activation of nuclear factor ÎºB by kava (Piper methysticum) derivatives. Biochemical Pharmacology, 2006, 71, 1206-1218.	4.4	83
21	Traditional West African pharmacopeia, plants and derived compounds for cancer therapy. Biochemical Pharmacology, 2012, 84, 1225-1240.	4.4	83
22	Curcumin regulates signal transducer and activator of transcription (STAT) expression in K562 cells. Biochemical Pharmacology, 2006, 72, 1547-1554.	4.4	77
23	Effect of chemopreventive agents on glutathione S-transferase P1-1 gene expression mechanisms via activating protein 1 and nuclear factor kappaB inhibition. Biochemical Pharmacology, 2004, 68, 1101-1111.	4.4	75
24	Anti-Inflammatory and Anticancer Drugs from Nature. Cancer Treatment and Research, 2014, 159, 123-143.	0.5	74
25	Anticancer effect of altersolanol A, a metabolite produced by the endophytic fungus Stemphylium globuliferum, mediated by its pro-apoptotic and anti-invasive potential via the inhibition of NF-ÎºB activity. Bioorganic and Medicinal Chemistry, 2013, 21, 3850-3858.	3.0	72
26	Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. Biochemical Pharmacology, 2013, 86, 1239-1247.	4.4	71
27	Chromatin-modifying agents in anti-cancer therapy. Biochimie, 2012, 94, 2264-2279.	2.6	67
28	From nature to bedside: Pro-survival and cell death mechanisms as therapeutic targets in cancer treatment. Biotechnology Advances, 2014, 32, 1111-1122.	11.7	67
29	Coffee provides a natural multitarget pharmacopeia against the hallmarks of cancer. Genes and Nutrition, 2015, 10, 51.	2.5	60
30	Natural Compound Histone Deacetylase Inhibitors (HDACi): Synergy with Inflammatory Signaling Pathway Modulators and Clinical Applications in Cancer. Molecules, 2016, 21, 1608.	3.8	58
31	MicroRNAs in cancer management and their modulation by dietary agents. Biochemical Pharmacology, 2012, 83, 1591-1601.	4.4	57
32	Induction of heat shock response by curcumin in human leukemia cells. Cancer Letters, 2009, 279, 145-154.	7.2	53
33	Anti-proliferative potential of curcumin in androgen-dependent prostate cancer cells occurs through modulation of the Wingless signaling pathway. International Journal of Oncology, 2011, 38, 603-11.	3.3	52
34	Natural Compounds as Regulators of the Cancer Cell Metabolism. International Journal of Cell Biology, 2013, 2013, 1-16.	2.5	49
35	4-Hydroxybenzoic acid derivatives as HDAC6-specific inhibitors modulating microtubular structure and HSP90Î± chaperone activity against prostate cancer. Biochemical Pharmacology, 2016, 99, 31-52.	4.4	48
36	Targeting the Wingless Signaling Pathway with Natural Compounds as Chemopreventive or Chemotherapeutic Agents. Current Pharmaceutical Biotechnology, 2012, 13, 245-254.	1.6	46

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37	Identification of Differentially Expressed Proteins in Curcumin-Treated Prostate Cancer Cell Lines. OMICS A Journal of Integrative Biology, 2012, 16, 289-300.	2.0	41
38	Anti-cancer effects of naturally derived compounds targeting histone deacetylase 6-related pathways. Pharmacological Research, 2018, 129, 337-356.	7.1	40
39	Gene Expression Profiling Related to Antiâ€inflammatory Properties of Curcumin in K562 Leukemia Cells. Annals of the New York Academy of Sciences, 2009, 1171, 391-398.	3.8	37
40	Expression of glutathione S-transferase P1-1 in leukemic cells is regulated by inducible AP-1 binding. Cancer Letters, 2004, 216, 207-219.	7.2	36
41	Epigenetic modulators from â€œThe Big Blueâ€: A treasure to fight against cancer. Cancer Letters, 2014, 351, 182-197.	7.2	36
42	Novel inhibitors of human histone deacetylases: Design, synthesis and bioactivity of 3-alkenoylcoumarines. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3797-3801.	2.2	35
43	Styryl-lactone goniothalamin inhibits TNF-Î±-induced NF-ÎºB activation. Food and Chemical Toxicology, 2013, 59, 572-578.	3.6	32
44	Eurycomanone and Eurycomanol from Eurycoma longifolia Jack as Regulators of Signaling Pathways Involved in Proliferation, Cell Death and Inflammation. Molecules, 2014, 19, 14649-14666.	3.8	32
45	Natural modulators of the hallmarks of immunogenic cell death. Biochemical Pharmacology, 2019, 162, 55-70.	4.4	32
46	A Survey of Marine Natural Compounds and Their Derivatives with Anti-Cancer Activity Reported in 2010. Molecules, 2011, 16, 5629-5646.	3.8	31
47	Dietary compounds as potent inhibitors of the signal transducers and activators of transcription (STAT) 3 regulatory network. Genes and Nutrition, 2012, 7, 111-125.	2.5	28
48	Curcumin Stability and Its Effect on GlutathioneS-Transferase P1-1 mRNA Expression in K562 Cells. Annals of the New York Academy of Sciences, 2004, 1030, 442-448.	3.8	25
49	Plumbagin Modulates Leukemia Cell Redox Status. Molecules, 2014, 19, 10011-10032.	3.8	24
50	Immune-modulating and anti-inflammatory marine compounds against cancer. Seminars in Cancer Biology, 2022, 80, 58-72.	9.6	24
51	Phorbol ester responsiveness of the glutathione S-transferase P1 gene promoter involves an inducible c-jun binding in human K562 leukemia cells. Leukemia Research, 2001, 25, 241-247.	0.8	23
52	Discovery and Characterization of <i>R</i>/<i>S</i>-<i>N</i>-3-Cyanophenyl-<i>N</i>â€²-(6-<i>tert</i>-butoxycarbonylamino-3,4-dihydro-2,2-dimethyl-2<i>H</i>-1-benzop a New Histone Deacetylase Class III Inhibitor Exerting Antiproliferative Activity against Cancer Cell Lines. Journal of Medicinal Chemistry, 2017, 60, 4714-4733.	6.4	22
53	Anticancer potential of naturally occurring immunoepigenetic modulators: A promising avenue?. Cancer, 2019, 125, 1612-1628.	4.1	22
54	Antagonistic role of natural compounds in mTOR-mediated metabolic reprogramming. Cancer Letters, 2015, 356, 251-262.	7.2	20

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55	Venus Flytrap (Dionaea muscipula Solander ex Ellis) Contains Powerful Compounds that Prevent and Cure Cancer. Frontiers in Oncology, 2013, 3, 202.	2.8	19
56	Expression of glutathione S-transferase P1-1 in differentiating K562: role of GATA-1. Biochemical and Biophysical Research Communications, 2003, 311, 815-821.	2.1	16
57	Transcriptional and post-transcriptional regulation of glutathione S-transferase P1 expression during butyric acid-induced differentiation of K562 cells. Leukemia Research, 2006, 30, 561-568.	0.8	16
58	Synergistic AML Cell Death Induction by Marine Cytotoxin (+)-1(R), 6(S), 1â€™(R), 6â€™(S), 11(R), 17(S)-Fistularin-3 and Bcl-2 Inhibitor Venetoclax. Marine Drugs, 2018, 16, 518.	4.6	16
59	Epigenetic mechanisms underlying the therapeutic effects of HDAC inhibitors in chronic myeloid leukemia. Biochemical Pharmacology, 2020, 173, 113698.	4.4	15
60	HDAC6â€"An Emerging Target Against Chronic Myeloid Leukemia?. Cancers, 2020, 12, 318.	3.7	11
61	The Fungal Metabolite Eurochevalierine, a Sequiterpene Alkaloid, Displays Anti-Cancer Properties through Selective Sirtuin 1/2 Inhibition. Molecules, 2018, 23, 333.	3.8	10
62	Anti-Leukemic Properties of Aplysinopsin Derivative EE-84 Alone and Combined to BH3 Mimetic A-1210477. Marine Drugs, 2021, 19, 285.	4.6	10
63	Celecoxib prevents curcuminâ€induced apoptosis in a hematopoietic cancer cell model. Molecular Carcinogenesis, 2015, 54, 999-1013.	2.7	9
64	The HDAC6 inhibitor 7b induces BCR-ABL ubiquitination and downregulation and synergizes with imatinib to trigger apoptosis in chronic myeloid leukemia. Pharmacological Research, 2020, 160, 105058.	7.1	7
65	Polyphenol tri-vanillic ester 13c inhibits P-JAK2V617F and Bcrâ€"Abl oncokinase expression in correlation with STAT3/STAT5 inactivation and apoptosis induction in human leukemia cells. Cancer Letters, 2013, 340, 30-42.	7.2	6
66	Phytochemical Screening and Antioxidant and Cytotoxic Effects of Acacia macrostachya. Plants, 2021, 10, 1353.	3.5	4
67	Effect of Curcumin Treatment on Protein Phosphorylation in K562 Cells. Annals of the New York Academy of Sciences, 2007, 1095, 377-387.	3.8	3
68	Susceptibility of multiple myeloma to B-cell lymphoma 2 family inhibitors. Biochemical Pharmacology, 2021, 188, 114526.	4.4	2