

Nadine D Darwiche

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.

59
papers

2,059
citations

21
h-index

44
g-index

63
ext. papers

2,327
ext. citations

4.6
avg, IF

4.82
L-index

#	Paper	IF	Citations
59	What made sesquiterpene lactones reach cancer clinical trials?. <i>Drug Discovery Today</i> , 2010 , 15, 668-78	8.8	449
58	Parthenolide: from plant shoots to cancer roots. <i>Drug Discovery Today</i> , 2013 , 18, 894-905	8.8	192
57	Cell death mechanisms of plant-derived anticancer drugs: beyond apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 1531-62	5.4	181
56	Molecular pathway for thymoquinone-induced cell-cycle arrest and apoptosis in neoplastic keratinocytes. <i>Anti-Cancer Drugs</i> , 2004 , 15, 389-99	2.4	133
55	Retinoids: a journey from the molecular structures and mechanisms of action to clinical uses in dermatology and adverse effects. <i>Journal of Dermatological Treatment</i> , 2017 , 28, 684-696	2.8	86
54	Retinoic acid and arsenic trioxide trigger degradation of mutated NPM1, resulting in apoptosis of AML cells. <i>Blood</i> , 2015 , 125, 3447-54	2.2	80
53	Mouse Sprr2 genes: a clustered family of genes showing differential expression in epithelial tissues. <i>Genomics</i> , 1999 , 55, 28-42	4.3	60
52	A journey under the sea: the quest for marine anti-cancer alkaloids. <i>Molecules</i> , 2011 , 16, 9665-96	4.8	59
51	Expression of a binding protein for FGF is associated with epithelial development and skin carcinogenesis. <i>Oncogene</i> , 1997 , 14, 2671-81	9.2	59
50	Protective effect of vitamin E on ultraviolet B light-induced damage in keratinocytes. <i>Molecular Carcinogenesis</i> , 2002 , 34, 121-30	5	57
49	Sequence and expression patterns of mouse SPR1: Correlation of expression with epithelial function. <i>Journal of Investigative Dermatology</i> , 1996 , 106, 294-304	4.3	56
48	Expression of cornifin in squamous differentiating epithelial tissues, including psoriatic and retinoic acid-treated skin. <i>Journal of Investigative Dermatology</i> , 1993 , 101, 268-74	4.3	47
47	Epigenetic mechanisms of plant-derived anticancer drugs. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 129-73	2.8	40
46	Arsenic trioxide induces accumulation of cytotoxic levels of ceramide in acute promyelocytic leukemia and adult T-cell leukemia/lymphoma cells through de novo ceramide synthesis and inhibition of glucosylceramide synthase activity. <i>Haematologica</i> , 2007 , 92, 753-62	6.6	40
45	Overexpression of retinoic acid receptors alpha and gamma into neoplastic epidermal cells causes retinoic acid-induced growth arrest and apoptosis. <i>Carcinogenesis</i> , 2001 , 22, 1955-63	4.6	34
44	Retinoic acid down-regulation of fibronectin and retinoic acid receptor alpha proteins in NIH-3T3 cells. Blocks of this response by ras transformation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 6502-8	5.4	29
43	Structure-activity relationship of seco-tanapartholides isolated from <i>Achillea falcata</i> for inhibition of HaCaT cell growth. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3794-7	6.8	28

42	Preclinical efficacy of the synthetic retinoid ST1926 for treating adult T-cell leukemia/lymphoma. <i>Blood</i> , 2014 , 124, 2072-80	2.2	27
41	Inhibition of tumor promotion by parthenolide: epigenetic modulation of p21. <i>Cancer Prevention Research</i> , 2012 , 5, 1298-309	3.2	23
40	The high-risk benign tumor: evidence from the two-stage skin cancer model and relevance for human cancer. <i>Molecular Carcinogenesis</i> , 2007 , 46, 605-10	5	21
39	Novel therapeutic strategies for spinal osteosarcomas. <i>Seminars in Cancer Biology</i> , 2020 , 64, 83-92	12.7	21
38	The synthetic retinoid ST1926 as a novel therapeutic agent in rhabdomyosarcoma. <i>International Journal of Cancer</i> , 2016 , 138, 1528-37	7.5	19
37	Regulation of ultraviolet B radiation-mediated activation of AP1 signaling by retinoids in primary keratinocytes. <i>Radiation Research</i> , 2005 , 163, 296-306	3.1	19
36	Estrogen induces retinoid receptor expression in mouse cervical epithelia. <i>Experimental Cell Research</i> , 1996 , 226, 273-82	4.2	19
35	Retinoic acid dramatically enhances the arsenic trioxide-induced cell cycle arrest and apoptosis in retinoic acid receptor β -positive human T-cell lymphotropic virus type-I-transformed cells. <i>The Hematology Journal</i> , 2001 , 2, 127-135		19
34	Inhibition of mammalian target of rapamycin signaling by everolimus induces senescence in adult T-cell leukemia/lymphoma and apoptosis in peripheral T-cell lymphomas. <i>International Journal of Cancer</i> , 2011 , 129, 993-1004	7.5	18
33	Epigenetic mechanisms and the hallmarks of cancer: an intimate affair. <i>American Journal of Cancer Research</i> , 2020 , 10, 1954-1978	4.4	16
32	Sesquiterpene lactones isolated from indigenous Middle Eastern plants inhibit tumor promoter-induced transformation of JB6 cells. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 89	4.7	15
31	Cell cycle modulatory and apoptotic effects of plant-derived anticancer drugs in clinical use or development. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 361-79	6.2	15
30	Antitumor activities of the synthetic retinoid ST1926 in two-dimensional and three-dimensional human breast cancer models. <i>Anti-Cancer Drugs</i> , 2017 , 28, 757-770	2.4	13
29	Anti-colon cancer effects of Salograviolide A isolated from <i>Centaurea ainetensis</i> . <i>Oncology Reports</i> , 2008 , 19, 897-904	3.5	13
28	ST1926, an orally active synthetic retinoid, induces apoptosis in chronic myeloid leukemia cells and prolongs survival in a murine model. <i>International Journal of Cancer</i> , 2015 , 137, 698-709	7.5	12
27	Synergistic anticancer activities of the plant-derived sesquiterpene lactones salograviolide A and iso-seco-tanaparholide. <i>Journal of Natural Medicines</i> , 2013 , 67, 468-79	3.3	12
26	A Critical Review of Animal Models Used in Acute Myeloid Leukemia Pathophysiology. <i>Genes</i> , 2019 , 10,	4.2	11
25	Mechanism of action of the atypical retinoid ST1926 in colorectal cancer: DNA damage and DNA polymerase β \square <i>American Journal of Cancer Research</i> , 2018 , 8, 39-55	4.4	11

24	Genome-Wide Gene Expression Changes in the Normal-Appearing Airway during the Evolution of Smoking-Associated Lung Adenocarcinoma. <i>Cancer Prevention Research</i> , 2018 , 11, 237-248	3.2	10
23	Antitumor Effect of the Atypical Retinoid ST1926 in Acute Myeloid Leukemia and Nanoparticle Formulation Prolongs Lifespan and Reduces Tumor Burden of Xenograft Mice. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2047-2057	6.1	9
22	The synthetic retinoid ST1926 attenuates prostate cancer growth and potentially targets prostate cancer stem-like cells. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1208-1220	5	9
21	Differential growth inhibitory effects of highly oxygenated guaianolides isolated from the Middle Eastern indigenous plant <i>Achillea falcata</i> in HCT-116 colorectal cancer cells. <i>Molecules</i> , 2013 , 18, 8275-88	4.8	9
20	Thymoquinone induces apoptosis and DNA damage in 5-Fluorouracil-resistant colorectal cancer stem/progenitor cells. <i>Oncotarget</i> , 2020 , 11, 2959-2972	3.3	9
19	Terpenoids Anti-cancer effects: focus on autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021 , 26, 491-511	5.4	9
18	Human T-cell lymphotropic virus type I-transformed T-cells have a partial defect in ceramide synthesis in response to N-(4-hydroxyphenyl)retinamide. <i>Biochemical Journal</i> , 2005 , 392, 231-9	3.8	8
17	Identification of several mutations in ATP2C1 in Lebanese families: insight into the pathogenesis of Hailey-Hailey disease. <i>PLoS ONE</i> , 2015 , 10, e0115530	3.7	7
16	Stage-specific effect of N-(4-hydroxyphenyl)retinamide on cell growth in squamous cell carcinogenesis. <i>Molecular Carcinogenesis</i> , 2004 , 40, 12-23	5	7
15	The Pentose Phosphate Pathway in Cancer: Regulation and Therapeutic Opportunities. <i>Chemotherapy</i> , 2021 , 66, 179-191	3.2	7
14	Antitumor activity of the synthetic retinoid ST1926 on primary effusion lymphoma in vitro and in vivo models. <i>Oncology Reports</i> , 2018 , 39, 721-730	3.5	6
13	Anti-colon cancer effects of Salograviolide A isolated from <i>Centaurea ainetensis</i> . <i>Oncology Reports</i> , 2008 ,	3.5	6
12	Mouse Models That Enhanced Our Understanding of Adult T Cell Leukemia. <i>Frontiers in Microbiology</i> , 2018 , 9, 558	5.7	5
11	Hollow-fiber membrane bioreactor for the treatment of high-strength landfill leachate. <i>Waste Management and Research</i> , 2013 , 31, 1041-51	4	5
10	Anticancer activities of parthenolide in primary effusion lymphoma preclinical models. <i>Molecular Carcinogenesis</i> , 2021 , 60, 567-581	5	4
9	Natural and synthetic retinoids in preclinical colorectal cancer models. <i>Anti-Cancer Drugs</i> , 2019 , 30, e0802.4	4	4
8	Purified salograviolide A isolated from <i>centaurea ainetensis</i> causes growth inhibition and apoptosis in neoplastic epidermal cells. <i>International Journal of Oncology</i> , 2008 , 32, 841-9	1	4
7	Novel adamantyl retinoid-related molecules with POLA1 inhibitory activity. <i>Bioorganic Chemistry</i> , 2020 , 104, 104253	5.1	3

6	Retinoids and Reactive Oxygen Species in Cancer Cell Death and Therapeutics 2021 , 1-22		2
5	Restoration of ceramide de novo synthesis by the synthetic retinoid ST1926 as it induces adult T-cell leukemia cell death. <i>Bioscience Reports</i> , 2020 , 40,	4.1	2
4	Antitumor activity of novel POLA1-HDAC11 dual inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021 , 228, 113971	6.8	0
3	The unfolding role of ceramide in coordinating retinoid-based cancer therapy. <i>Biochemical Journal</i> , 2021 , 478, 3621-3642	3.8	0
2	Retinoids and Reactive Oxygen Species in Cancer Cell Death and Therapeutics 2022 , 2589-2610		
1	Spinal sarcomas and immunity: An undervalued relationship. <i>Seminars in Cancer Biology</i> , 2020 , 64, 36-50	12.7	