

Marc Diederich

List of Publications by Year in descending order

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Version: 2024-02-01

282
papers

18,145
citations

15504

65
h-index

17105

122
g-index

310
all docs

310
docs citations

310
times ranked

32377
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune-modulating and anti-inflammatory marine compounds against cancer. <i>Seminars in Cancer Biology</i> , 2022, 80, 58-72.	9.6	24
2	Editorial: Next-Generation Cancer Therapies Based on a (R)evolution of the Biomarker Landscape. <i>Frontiers in Pharmacology</i> , 2022, 13, 861424.	3.5	0
3	Discovery of Sulforaphane as an Inducer of Ferroptosis in U-937 Leukemia Cells: Expanding Its Anticancer Potential. <i>Cancers</i> , 2022, 14, 76.	3.7	9
4	Asciminib Mitigates DNA Damage Stress Signaling Induced by Cyclophosphamide in the Ovary. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1395.	4.1	6
5	Assessment of Mitochondrial Cell Metabolism by Respiratory Chain Electron Flow Assays. <i>Methods in Molecular Biology</i> , 2021, 2276, 129-141.	0.9	4
6	Bioactive Bromotyrosine Derivatives from the Pacific Marine Sponge <i>Suberea clavata</i> (Pulitzer-Finali,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.6	12
7	Bioactivity of natural biflavonoids in metabolism-related disease and cancer therapies. <i>Pharmacological Research</i> , 2021, 167, 105525.	7.1	39
8	Anti-Leukemic Properties of Aplysinopsin Derivative EE-84 Alone and Combined to BH3 Mimetic A-1210477. <i>Marine Drugs</i> , 2021, 19, 285.	4.6	10
9	Susceptibility of multiple myeloma to B-cell lymphoma 2 family inhibitors. <i>Biochemical Pharmacology</i> , 2021, 188, 114526.	4.4	2
10	Phytochemical Screening and Antioxidant and Cytotoxic Effects of <i>Acacia macrostachya</i> . <i>Plants</i> , 2021, 10, 1353.	3.5	4
11	Marine Natural Products as Anticancer Agents. <i>Marine Drugs</i> , 2021, 19, 447.	4.6	10
12	Editorial: New Approaches to Tackle EMT and Fibrosis: From Epigenetics to Nanotechnology. <i>Frontiers in Pharmacology</i> , 2021, 12, 742777.	3.5	0
13	Anticancer properties of indole derivatives as IsoCombretastatin A-4 analogues. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113656.	5.5	18
14	Epigenetic mechanisms underlying the therapeutic effects of HDAC inhibitors in chronic myeloid leukemia. <i>Biochemical Pharmacology</i> , 2020, 173, 113698.	4.4	15
15	Human telomerase reverse transcriptase depletion potentiates the growth-inhibitory activity of imatinib in chronic myeloid leukemia stem cells. <i>Cancer Letters</i> , 2020, 469, 468-480.	7.2	8
16	BH3 Mimetics in AML Therapy: Death and Beyond?. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 793-814.	8.7	18
17	Novel HDAC inhibitor MAKV-8 and imatinib synergistically kill chronic myeloid leukemia cells via inhibition of BCR-ABL/MYC-signaling: effect on imatinib resistance and stem cells. <i>Clinical Epigenetics</i> , 2020, 12, 69.	4.1	19
18	The HDAC6 inhibitor 7b induces BCR-ABL ubiquitination and downregulation and synergizes with imatinib to trigger apoptosis in chronic myeloid leukemia. <i>Pharmacological Research</i> , 2020, 160, 105058.	7.1	7

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19	Tetrahydrobenzimidazole TMQ0153 triggers apoptosis, autophagy and necroptosis crosstalk in chronic myeloid leukemia. <i>Cell Death and Disease</i> , 2020, 11, 109.	6.3	21
20	Natural products target the hallmarks of chronic diseases. <i>Biochemical Pharmacology</i> , 2020, 173, 113828.	4.4	19
21	Petromurin C Induces Protective Autophagy and Apoptosis in FLT3-ITD-Positive AML: Synergy with Gilteritinib. <i>Marine Drugs</i> , 2020, 18, 57.	4.6	9
22	Editorial: Molecular Mechanisms and New Therapeutic Targets in Epithelial to Mesenchymal Transition (EMT) and Fibrosis. <i>Frontiers in Pharmacology</i> , 2020, 10, 1556.	3.5	2
23	HDACs – An Emerging Target Against Chronic Myeloid Leukemia?. <i>Cancers</i> , 2020, 12, 318.	3.7	11
24	Inflammation regulates long non-coding RNA-PTTG1-1:1 in myeloid leukemia. <i>Haematologica</i> , 2020, 105, e280-e284.	3.5	2
25	Modulation of hydrogen sulfide gasotransmitter limits the proven benefits of garlic. <i>Phytochemistry Reviews</i> , 2019, 18, 1167-1180.	6.5	4
26	Translational role of natural coumarins and their derivatives as anticancer agents. <i>Future Medicinal Chemistry</i> , 2019, 11, 1057-1082.	2.3	63
27	Natural dimers of coumarin, chalcones, and resveratrol and the link between structure and pharmacology. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111637.	5.5	47
28	Current research in biotechnology: Exploring the biotech forefront. <i>Current Research in Biotechnology</i> , 2019, 1, 34-40.	3.7	17
29	Kinase-independent inhibition of cyclophosphamide-induced pathways protects the ovarian reserve and prolongs fertility. <i>Cell Death and Disease</i> , 2019, 10, 726.	6.3	33
30	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). <i>Free Radical Research</i> , 2019, 53, 1163-1170.	3.3	5
31	Natural Products and the Hallmarks of Chronic Diseases NutRedOx COST Action 16112 – Personalized Nutrition in Ageing Society: Redox Control of Major Age-Related Diseases. <i>Proceedings (mdpi)</i> , 2019, 11, 26.	0.2	0
32	Hydroquinone-Derivatives Induce Cell Death in Chronic Myelogenous Leukemia. <i>Proceedings (mdpi)</i> , 2019, 11, 28.	0.2	0
33	Identification of a novel quinoline-based DNA demethylating compound highly potent in cancer cells. <i>Clinical Epigenetics</i> , 2019, 11, 68.	4.1	30
34	Targeted Anticancer Strategies with Garlic Derivatives. <i>Proceedings (mdpi)</i> , 2019, 11, 29.	0.2	0
35	Natural Compounds as Epigenetic Modulators in Cancer. <i>Proceedings (mdpi)</i> , 2019, 11, .	0.2	0
36	Anticancer potential of naturally occurring immunoepigenetic modulators: A promising avenue?. <i>Cancer</i> , 2019, 125, 1612-1628.	4.1	22

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37	Natural compound inducers of immunogenic cell death. Archives of Pharmacal Research, 2019, 42, 629-645.	6.3	38
38	About canonical, non-canonical and immunogenic cell death: Basic mechanisms and translational applications: A meeting report of the International Cell Death Society. Biochemical Pharmacology, 2019, 162, 1-2.	4.4	2
39	Sphingolipid-mediated inflammatory signaling leading to autophagy inhibition converts erythropoiesis to myelopoiesis in human hematopoietic stem/progenitor cells. Cell Death and Differentiation, 2019, 26, 1796-1812.	11.2	56
40	Natural modulators of the hallmarks of immunogenic cell death. Biochemical Pharmacology, 2019, 162, 55-70.	4.4	32
41	Isolation of anticancer and anti-trypanosome secondary metabolites from the endophytic fungus <i>Aspergillus flocculus</i> via bioactivity guided isolation and MS based metabolomics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1106-1107, 71-83.	2.3	72
42	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
43	Autophagy as a pharmacological target in hematopoiesis and hematological disorders. Biochemical Pharmacology, 2018, 152, 347-361.	4.4	12
44	Stress-induced cellular responses in immunogenic cell death: Implications for cancer immunotherapy. Biochemical Pharmacology, 2018, 153, 12-23.	4.4	104
45	The dialkyl resorcinol stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. Cancer Letters, 2018, 416, 109-123.	7.2	20
46	Natural scaffolds in anticancer therapy and precision medicine. Biotechnology Advances, 2018, 36, 1563-1585.	11.7	35
47	Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. Cancer Letters, 2018, 416, 94-108.	7.2	35
48	Anti-cancer effects of naturally derived compounds targeting histone deacetylase 6-related pathways. Pharmacological Research, 2018, 129, 337-356.	7.1	40
49	Synergistic AML Cell Death Induction by Marine Cytotoxin (+)-1(R), 6(S), 11(R), 17(S)-Fistularin-3 and Bcl-2 Inhibitor Venetoclax. Marine Drugs, 2018, 16, 518.	4.6	16
50	Biotinylation enhances the anticancer effects of 15d-PGJ2 against breast cancer cells. International Journal of Oncology, 2018, 52, 1991-2000.	3.3	3
51	Unaromatized Tetrahydrobenzimidazole Synthesis from 2-Hydroxy-1,4-naphthoquinone and N-Arylamidines and their Cytotoxic Potential. European Journal of Organic Chemistry, 2018, 2018, 5878-5884.	2.4	5
52	Hydroxycoumarin OT-55 kills CML cells alone or in synergy with imatinib or Synribo: Involvement of ER stress and DAMP release. Cancer Letters, 2018, 438, 197-218.	7.2	29
53	Preclinical Assessment of the Bioactivity of the Anticancer Coumarin OT48 by Spheroids, Colony Formation Assays, and Zebrafish Xenografts. Journal of Visualized Experiments, 2018, , .	0.3	4
54	Cardiac Glycoside Glucoevatromonoside Induces Cancer Type-Specific Cell Death. Frontiers in Pharmacology, 2018, 9, 70.	3.5	28

55	The Fungal Metabolite Eurochevalierine, a Sesquiterpene Alkaloid, Displays Anti-Cancer Properties through Selective Sirtuin 1/2 Inhibition. <i>Molecules</i> , 2018, 23, 333.	3.8	10
56	Discovery and Characterization of <i>N</i> -[3-Cyanophenyl]- <i>N</i> -(6-tert-butoxycarbonylamino-3,4-dihydro-2,2-dimethyl-2H-1-benz[e][1,3]oxazol-5-yl)- <i>N</i> -methyl- <i>N</i> -propylcarbamate, a New Histone Deacetylase Class III Inhibitor Exerting Antiproliferative Activity against Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4714-4733.	6.4	22
57	Tubulin-binding anticancer polysulfides induce cell death via mitotic arrest and autophagic interference in colorectal cancer. <i>Cancer Letters</i> , 2017, 410, 139-157.	7.2	21
58	Metabolomic Tools to Assess the Chemistry and Bioactivity of Endophytic <i>Aspergillus</i> Strain. <i>Chemistry and Biodiversity</i> , 2017, 14, e1700040.	2.1	34
59	Cardiac glycosides: From molecular targets to immunogenic cell death. <i>Biochemical Pharmacology</i> , 2017, 125, 1-11.	4.4	86
60	Bcl-2 protein family expression pattern determines synergistic pro-apoptotic effects of BH3 mimetics with hemisynthetic cardiac glycoside UNBS1450 in acute myeloid leukemia. <i>Leukemia</i> , 2017, 31, 755-759.	7.2	20
61	Anticancer and Immunogenic Properties of Cardiac Glycosides. <i>Molecules</i> , 2017, 22, 1932.	3.8	90
62	Synthesis, Enzyme Assays and Molecular Docking Studies of Fluorinated Bioisosteres of Santacruzamate A as Potential HDAC Tracers. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	2
63	Anti-proliferative, Cytotoxic and NF- κ B Inhibitory Properties of Spiro(Lactone-Cyclohexanone) Compounds in Human Leukemia. <i>Anticancer Research</i> , 2017, 37, 5225-5233.	1.1	4
64	Natural Compound Histone Deacetylase Inhibitors (HDACi): Synergy with Inflammatory Signaling Pathway Modulators and Clinical Applications in Cancer. <i>Molecules</i> , 2016, 21, 1608.	3.8	58
65	Natural Compound-Generated Oxidative Stress: From Bench to Bedside. , 2016, , .		1
66	4 β -Methylated steroids with cytotoxic activity from the soft coral <i>Litophyton mollis</i> . <i>Steroids</i> , 2016, 115, 130-135.	1.8	13
67	Garlic-derived natural polysulfanes as hydrogen sulfide donors: Friend or foe?. <i>Food and Chemical Toxicology</i> , 2016, 95, 219-233.	3.6	45
68	Non-canonical programmed cell death mechanisms triggered by natural compounds. <i>Seminars in Cancer Biology</i> , 2016, 40-41, 4-34.	9.6	79
69	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
70	4-Hydroxybenzoic acid derivatives as HDAC6-specific inhibitors modulating microtubular structure and HSP90 α chaperone activity against prostate cancer. <i>Biochemical Pharmacology</i> , 2016, 99, 31-52.	4.4	48
71	Cell type-dependent ROS and mitophagy response leads to apoptosis or necroptosis in neuroblastoma. <i>Oncogene</i> , 2016, 35, 3839-3853.	5.9	73

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73	Identification and re-addressing of a transcriptionally permissive locus in the porcine genome. Transgenic Research, 2016, 25, 63-70.	2.4	7
74	Natural and Synthetic Flavonoids: Structure–Activity Relationship and Chemotherapeutic Potential for the Treatment of Leukemia. Critical Reviews in Food Science and Nutrition, 2016, 56, S4-S28.	10.3	67
75	Discovery and characterization of Isofistularin-3, a marine brominated alkaloid, as a new DNA demethylating agent inducing cell cycle arrest and sensitization to TRAIL in cancer cells. Oncotarget, 2016, 7, 24027-24049.	1.8	54
76	Roles of Apoptosis and Cellular Senescence in Cancer and Aging. Current Drug Targets, 2016, 17, 405-415.	2.1	39
77	Phenolic Contents and In vitro Pharmacological Activities of Methanolic Extract of Pterocarpus erinaceus Poir. Stem Bark (Fabaceae). British Journal of Pharmaceutical Research, 2016, 10, 1-7.	0.4	5
78	Curcumin. , 2016, , 1251-1255.		0
79	PPAR β -inactive Î²-troglitazone independently triggers ER stress and apoptosis in breast cancer cells. Molecular Carcinogenesis, 2015, 54, 393-404.	2.7	18
80	Editorial (Thematic Issue: Novel Pharmaceutical Approaches by Natural Compound-Derived Epigenetic) Tj ETQq0 0 0 rgBT /Overlock 10 T Medicinal Chemistry, 2015, 16, 677-679.	2.1	3
81	Epipolythiodiketopiperazines from the Marine Derived Fungus Dichotomomyces cejpil with NF-Î²B Inhibitory Potential. Marine Drugs, 2015, 13, 4949-4966.	4.6	21
82	Signal Transducers and Activators of Transcription (STAT) Regulatory Networks in Marine Organisms: From Physiological Observations towards Marine Drug Discovery. Marine Drugs, 2015, 13, 4967-4984.	4.6	18
83	Cytotoxic, Antiproliferative and Pro-Apoptotic Effects of 5-Hydroxyl-6,7,3,4,5-Pentamethoxyflavone Isolated from Lantana ukambensis. Nutrients, 2015, 7, 10388-10397.	4.1	12
84	Perspectives in Medicinal Chemistry: DNA Methylation and Demethylation Mechanisms as Therapeutic Targets?. Current Topics in Medicinal Chemistry, 2015, 16, 807-808.	2.1	0
85	The DNA hypomethylating agent, 5-aza-2'-deoxycytidine, enhances tumor cell invasion through a transcription-dependent modulation of MMP-1 expression in human fibrosarcoma cells. Molecular Carcinogenesis, 2015, 54, 24-34.	2.7	14
86	A novel coumarin–quinone derivative SV37 inhibits CDC25 phosphatases, impairs proliferation, and induces cell death. Molecular Carcinogenesis, 2015, 54, 229-241.	2.7	29
87	Cancer-type-specific crosstalk between autophagy, necroptosis and apoptosis as a pharmacological target. Biochemical Pharmacology, 2015, 94, 1-11.	4.4	150
88	Tanzawaic acids isolated from a marine-derived fungus of the genus Penicillium with cytotoxic activities. Organic and Biomolecular Chemistry, 2015, 13, 7248-7256.	2.8	32
89	Nutritional Epigenetic Regulators in the Field of Cancer. , 2015, , 393-425.		20
90	Early downregulation of Mcl-1 regulates apoptosis triggered by cardiac glycoside UNBS1450. Cell Death and Disease, 2015, 6, e1782-e1782.	6.3	62

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91	A Survey of Marine Natural Compounds and Their Derivatives with Anti-Cancer Activity Reported in 2012. <i>Molecules</i> , 2015, 20, 7097-7142.	3.8	49
92	Histone deacetylase 6 in health and disease. <i>Epigenomics</i> , 2015, 7, 103-118.	2.1	174
93	Natural compounds and pharmaceuticals reprogram leukemia cell differentiation pathways. <i>Biotechnology Advances</i> , 2015, 33, 785-797.	11.7	30
94	Oximoaspergillimide, a Fungal Derivative from a Marine Isolate of <i>Aspergillus</i> sp.. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2256-2261.	2.4	21
95	Melatonin promotes Bax sequestration to mitochondria reducing cell susceptibility to apoptosis via the lipoxygenase metabolite 5-hydroxyeicosatetraenoic acid. <i>Mitochondrion</i> , 2015, 21, 113-121.	3.4	33
96	Flavonoid glycosides from <i>Oxalis mannii</i> : Structure elucidation and effect on the nuclear factor kappa B pathway. <i>Journal of Ethnopharmacology</i> , 2015, 176, 27-34.	4.1	19
97	2,5-Dimethyl-Celecoxib Inhibits Cell Cycle Progression and Induces Apoptosis in Human Leukemia Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 355, 308-328.	2.5	23
98	Coffee provides a natural multitarget pharmacopeia against the hallmarks of cancer. <i>Genes and Nutrition</i> , 2015, 10, 51.	2.5	60
99	Antagonistic role of natural compounds in mTOR-mediated metabolic reprogramming. <i>Cancer Letters</i> , 2015, 356, 251-262.	7.2	20
100	Celecoxib prevents curcumin-induced apoptosis in a hematopoietic cancer cell model. <i>Molecular Carcinogenesis</i> , 2015, 54, 999-1013.	2.7	9
101	Effects of Natural Products on Mcl-1 Expression and Function. <i>Current Medicinal Chemistry</i> , 2015, 22, 3447-3461.	2.4	9
102	Bispecific Antibodies: An Innovative Arsenal to Hunt, Grab and Destroy Cancer Cells. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 670-683.	1.6	13
103	Role of Histone Acetylation in Cell Cycle Regulation. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 732-744.	2.1	49
104	Epigenetic alterations as a universal feature of cancer hallmarks and a promising target for personalized treatments. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 745-776.	2.1	35
105	Dual Induction of Mitochondrial Apoptosis and Senescence in Chronic Myelogenous Leukemia by Myrtucommulone A. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 363-373.	1.7	12
106	Properly Substituted Analogues of BIX-01294 Lose Inhibition of G9a Histone Methyltransferase and Gain Selective Anti-DNA Methyltransferase 3A Activity. <i>PLoS ONE</i> , 2014, 9, e96941.	2.5	35
107	Eurycomanone and Eurycomanol from <i>Eurycoma longifolia</i> Jack as Regulators of Signaling Pathways Involved in Proliferation, Cell Death and Inflammation. <i>Molecules</i> , 2014, 19, 14649-14666.	3.8	32
108	Plumbagin Modulates Leukemia Cell Redox Status. <i>Molecules</i> , 2014, 19, 10011-10032.	3.8	24

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109	Regulation of epigenetic traits of the glutathione S-transferase P1 gene: from detoxification toward cancer prevention and diagnosis. <i>Frontiers in Pharmacology</i> , 2014, 5, 170.	3.5	66
110	Cytotoxic activity and mechanism of action of metabolites from the <i>Goniothalamus</i> genus. <i>Phytochemistry Reviews</i> , 2014, 13, 835-851.	6.5	28
111	Metabolism 2014 – Alterations of metabolic pathways as therapeutic targets. <i>Biochemical Pharmacology</i> , 2014, 92, 1-2.	4.4	1
112	Anti-Inflammatory and Anticancer Drugs from Nature. <i>Cancer Treatment and Research</i> , 2014, 159, 123-143.	0.5	74
113	Selective modulation of the glucocorticoid receptor can distinguish between transrepression of NF- κ B and AP-1. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 143-163.	5.4	67
114	1,000 Ways to die: natural compounds modulate non-canonical cell death pathways in cancer cells. <i>Phytochemistry Reviews</i> , 2014, 13, 277-293.	6.5	2
115	Plant-derived epigenetic modulators for cancer treatment and prevention. <i>Biotechnology Advances</i> , 2014, 32, 1123-1132.	11.7	90
116	From nature to bedside: Pro-survival and cell death mechanisms as therapeutic targets in cancer treatment. <i>Biotechnology Advances</i> , 2014, 32, 1111-1122.	11.7	67
117	Synthetic polysulfane derivatives induce cell cycle arrest and apoptotic cell death in human hematopoietic cancer cells. <i>Food and Chemical Toxicology</i> , 2014, 64, 249-257.	3.6	42
118	Anticancer effects of bioactive berry compounds. <i>Phytochemistry Reviews</i> , 2014, 13, 295-322.	6.5	91
119	Bis(4-hydroxy-2H-chromen-2-one): Synthesis and effects on leukemic cell lines proliferation and NF- κ B regulation. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3008-3015.	3.0	23
120	Antiproliferative and proapoptotic activities of 4-hydroxybenzoic acid-based inhibitors of histone deacetylases. <i>Cancer Letters</i> , 2014, 343, 134-146.	7.2	40
121	Valproic acid regulates erythro-megakaryocytic differentiation through the modulation of transcription factors and microRNA regulatory micro-networks. <i>Biochemical Pharmacology</i> , 2014, 92, 299-311.	4.4	17
122	Inhibitory effect of St. John's Wort oil macerates on TNF α -induced NF- κ B activation and their fatty acid composition. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1086-1092.	4.1	12
123	Protein Kinase and HDAC Inhibitors from the Endophytic Fungus <i>Epicoccum nigrum</i> . <i>Journal of Natural Products</i> , 2014, 77, 49-56.	3.0	97
124	Selective Non-nucleoside Inhibitors of Human DNA Methyltransferases Active in Cancer Including in Cancer Stem Cells. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 701-713.	6.4	111
125	Methylenedioxy flavonoids: Assessment of cytotoxic and anti-cancer potential in human leukemia cells. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 173-180.	5.5	23
126	246: Effects of the potential energy restriction mimetic agent delta2-troglitazone in breast cancer cells. <i>European Journal of Cancer</i> , 2014, 50, S57-S58.	2.8	0

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127	5-aza-2'-deoxycytidine-mediated c-myc Down-regulation Triggers Telomere-dependent Senescence by Regulating Human Telomerase Reverse Transcriptase in Chronic Myeloid Leukemia. <i>Neoplasia</i> , 2014, 16, 511-528.	5.3	39
128	Energy restriction mimetic agents to target cancer cells: Comparison between 2-deoxyglucose and thiazolidinediones. <i>Biochemical Pharmacology</i> , 2014, 92, 102-111.	4.4	18
129	Modulatory roles of glycolytic enzymes in cell death. <i>Biochemical Pharmacology</i> , 2014, 92, 22-30.	4.4	30
130	P53 and Sirt1: Routes of metabolism and genome stability. <i>Biochemical Pharmacology</i> , 2014, 92, 149-156.	4.4	67
131	Epigenetic modulators from "The Big Blue": A treasure to fight against cancer. <i>Cancer Letters</i> , 2014, 351, 182-197.	7.2	36
132	Synthesis and bioactivity of novel amino-pyrazolopyridines. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 450-457.	5.5	24
133	Novel inhibitors of human histone deacetylases: Design, synthesis and bioactivity of 3-alkenylcoumarines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3797-3801.	2.2	35
134	Hybrid Curcumin Compounds: A New Strategy for Cancer Treatment. <i>Molecules</i> , 2014, 19, 20839-20863.	3.8	94
135	Non-Edible Plants as an Attractive Source of Compounds with Chemopreventive Potential. <i>Journal of Cancer Prevention</i> , 2014, 19, 1-6.	2.0	13
136	In vitro characterisation of the anti-intravasative properties of the marine product heteronemin. <i>Archives of Toxicology</i> , 2013, 87, 1851-1861.	4.2	26
137	Epigenetically induced changes in nuclear textural patterns and gelatinase expression in human fibrosarcoma cells. <i>Cell Proliferation</i> , 2013, 46, 127-136.	5.3	12
138	Cardiac glycosides in cancer therapy: from preclinical investigations towards clinical trials. <i>Investigational New Drugs</i> , 2013, 31, 1087-1094.	2.6	133
139	Assembling the puzzle of anti-cancer mechanisms triggered by cardiac glycosides. <i>Mitochondrion</i> , 2013, 13, 225-234.	3.4	95
140	Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. <i>Biochemical Pharmacology</i> , 2013, 86, 1239-1247.	4.4	71
141	Polyphenol tri-vanillic ester 13c inhibits P-JAK2V617F and Bcr-Abl oncokinas expression in correlation with STAT3/STAT5 inactivation and apoptosis induction in human leukemia cells. <i>Cancer Letters</i> , 2013, 340, 30-42.	7.2	6
142	Pro-Apoptotic and Immunostimulatory Tetrahydroxanthone Dimers from the Endophytic Fungus <i>Phomopsis longicola</i> . <i>Journal of Organic Chemistry</i> , 2013, 78, 12409-12425.	3.2	87
143	Styryl-lactone goniotalamin inhibits TNF- α -induced NF- κ B activation. <i>Food and Chemical Toxicology</i> , 2013, 59, 572-578.	3.6	32
144	Embellicines A and B: Absolute Configuration and NF- κ B Transcriptional Inhibitory Activity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2991-2999.	6.4	40

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145	Goniolandrene A and B from <i>Goniiothalamus macrophyllus</i> . <i>F&Atilde-terap&Atilde-Ac</i> , 2013, 88, 1-6.	2.2	13
146	Curcumin as a regulator of epigenetic events. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1619-1629.	3.3	137
147	Anticancer effect of altersolanol A, a metabolite produced by the endophytic fungus <i>Stemphylium globuliferum</i> , mediated by its pro-apoptotic and anti-invasive potential via the inhibition of NF- κ B activity. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3850-3858.	3.0	72
148	A Survey of Marine Natural Compounds and Their Derivatives with Anti-Cancer Activity Reported in 2011. <i>Molecules</i> , 2013, 18, 3641-3673.	3.8	70
149	Metabolism and Cancer: Old and New Players. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-2.	2.5	5
150	Long and Short Non-Coding RNAs as Regulators of Hematopoietic Differentiation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14744-14770.	4.1	58
151	ParkinsonÃ-TM's Disease: A Complex Interplay of Mitochondrial DNA Alterations and Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2013, 14, 2388-2409.	4.1	54
152	Natural Compounds as Regulators of the Cancer Cell Metabolism. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-16.	2.5	49
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