

# Marc Diederich

## 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.

265 papers	14,487 citations	55 h-index	110 g-index
310 ext. papers	16,471 ext. citations	5.7 avg, IF	6.56 L-index

#	Paper	IF	Citations
265	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
264	Chemopreventive and therapeutic effects of curcumin. <i>Cancer Letters</i> , <b>2005</b> , 223, 181-90	9.9	656
263	The role of cyclooxygenase-2 in cell proliferation and cell death in human malignancies. <i>International Journal of Cell Biology</i> , <b>2010</b> , 2010, 215158	2.6	295
262	Molecular and therapeutic potential and toxicity of valproic acid. <i>Journal of Biomedicine and Biotechnology</i> , <b>2010</b> , 2010,		267
261	Modulation of anti-apoptotic and survival pathways by curcumin as a strategy to induce apoptosis in cancer cells. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 1340-51	6	256
260	Melatonin: a pleiotropic molecule regulating inflammation. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1844-52		236
259	Dietary chalcones with chemopreventive and chemotherapeutic potential. <i>Genes and Nutrition</i> , <b>2011</b> , 6, 125-47	4.3	170
258	Curcumin-the paradigm of a multi-target natural compound with applications in cancer prevention and treatment. <i>Toxins</i> , <b>2010</b> , 2, 128-62	4.9	156
257	Histone deacetylase 6 in health and disease. <i>Epigenomics</i> , <b>2015</b> , 7, 103-18	4.4	131
256	Erythropoietin, erythropoiesis and beyond. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 1291-303	6	130
255	Antioxidant and anti-proliferative properties of lycopene. <i>Free Radical Research</i> , <b>2011</b> , 45, 925-40	4	125
254	Cancer-type-specific crosstalk between autophagy, necroptosis and apoptosis as a pharmacological target. <i>Biochemical Pharmacology</i> , <b>2015</b> , 94, 1-11	6	123
253	Curcumin as a regulator of epigenetic events. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1619-29	5.9	116
252	Induction of apoptosis by curcumin: mediation by glutathione S-transferase P1-1 inhibition. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 1475-83	6	111
251	Cardiac glycosides in cancer therapy: from preclinical investigations towards clinical trials. <i>Investigational New Drugs</i> , <b>2013</b> , 31, 1087-94	4.3	110
250	Synthesis and selective anticancer activity of organochalcogen based redox catalysts. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 6954-63	8.3	107
249	Chemopreventive potential of curcumin in prostate cancer. <i>Genes and Nutrition</i> , <b>2010</b> , 5, 61-74	4.3	107

248	Dermacozines, a new phenazine family from deep-sea dermacocci isolated from a Mariana Trench sediment. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 2352-62	3.9	103
247	Gold from the sea: marine compounds as inhibitors of the hallmarks of cancer. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 531-47	17.8	95
246	Melatonin antagonizes the intrinsic pathway of apoptosis via mitochondrial targeting of Bcl-2. <i>Journal of Pineal Research</i> , <b>2008</b> , 44, 316-25	10.4	95
245	The dual role of calcium as messenger and stressor in cell damage, death, and survival. <i>International Journal of Cell Biology</i> , <b>2010</b> , 2010, 546163	2.6	93
244	Pro-inflammatory cytokine-mediated anemia: regarding molecular mechanisms of erythropoiesis. <i>Mediators of Inflammation</i> , <b>2009</b> , 2009, 405016	4.3	85
243	Epigenomics of leukemia: from mechanisms to therapeutic applications. <i>Epigenomics</i> , <b>2011</b> , 3, 581-609	4.4	85
242	A beginner's guide to NF-kappaB signaling pathways. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1030, 1-13	6.5	85
241	Selective non-nucleoside inhibitors of human DNA methyltransferases active in cancer including in cancer stem cells. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 701-13	8.3	84
240	Protein kinase and HDAC inhibitors from the endophytic fungus <i>Epicoccum nigrum</i> . <i>Journal of Natural Products</i> , <b>2014</b> , 77, 49-56	4.9	83
239	Anemia in cancer. <i>Annals of Oncology</i> , <b>2010</b> , 21 Suppl 7, vii167-72	10.3	83
238	Targeting COX-2 expression by natural compounds: a promising alternative strategy to synthetic COX-2 inhibitors for cancer chemoprevention and therapy. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1801-15 <sup>6</sup>		82
237	Modulation of poly(ADP-ribosylation) in apoptotic cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 1041-7	6	79
236	Potential of the dietary antioxidants resveratrol and curcumin in prevention and treatment of hematologic malignancies. <i>Molecules</i> , <b>2010</b> , 15, 7035-74	4.8	78
235	Inhibition of TNFalpha-induced activation of nuclear factor kappaB by kava (Piper methysticum) derivatives. <i>Biochemical Pharmacology</i> , <b>2006</b> , 71, 1206-18	6	78
234	Sustained exposure to the DNA demethylating agent, 2'-deoxy-5-azacytidine, leads to apoptotic cell death in chronic myeloid leukemia by promoting differentiation, senescence, and autophagy. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 364-78	6	77
233	Marine natural products as targeted modulators of the transcription factor NF-kappaB. <i>Biochemical Pharmacology</i> , <b>2008</b> , 75, 603-17	6	77
232	Synthesis and cytotoxic potential of heterocyclic cyclohexanone analogues of curcumin. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 6701-7	3.4	76
231	Epigenetics Offer New Horizons for Colorectal Cancer Prevention. <i>Current Colorectal Cancer Reports</i> , <b>2012</b> , 8, 66-81	1	73

230	Heteronemin, a spongian sesterterpene, inhibits TNF alpha-induced NF-kappa B activation through proteasome inhibition and induces apoptotic cell death. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 610-22	6	73
229	Assembling the puzzle of anti-cancer mechanisms triggered by cardiac glycosides. <i>Mitochondrion</i> , <b>2013</b> , 13, 225-34	4.9	72
228	Hybrid curcumin compounds: a new strategy for cancer treatment. <i>Molecules</i> , <b>2014</b> , 19, 20839-63	4.8	71
227	Multistep and multitask Bax activation. <i>Mitochondrion</i> , <b>2010</b> , 10, 604-13	4.9	71
226	Curcumin regulates signal transducer and activator of transcription (STAT) expression in K562 cells. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 1547-54	6	71
225	Anticancer effects of bioactive berry compounds. <i>Phytochemistry Reviews</i> , <b>2014</b> , 13, 295-322	7.7	70
224	Effect of chemopreventive agents on glutathione S-transferase P1-1 gene expression mechanisms via activating protein 1 and nuclear factor kappaB inhibition. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 1101-11	6	70
223	Anti-inflammatory, pro-apoptotic, and anti-proliferative effects of a methanolic neem ( <i>Azadirachta indica</i> ) leaf extract are mediated via modulation of the nuclear factor- $\kappa$ B pathway. <i>Genes and Nutrition</i> , <b>2011</b> , 6, 149-60	4.3	69
222	Plant-derived epigenetic modulators for cancer treatment and prevention. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 1123-32	17.8	68
221	Pro-apoptotic and immunostimulatory tetrahydroxanthone dimers from the endophytic fungus <i>Phomopsis longicolla</i> . <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 12409-25	4.2	65
220	UNBS1450, a steroid cardiac glycoside inducing apoptotic cell death in human leukemia cells. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 13-23	6	65
219	Anti-inflammatory and anticancer drugs from nature. <i>Cancer Treatment and Research</i> , <b>2014</b> , 159, 123-43	3.5	63
218	Selective antimicrobial activity associated with sulfur nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 395-405	4	61
217	Anticancer and Immunogenic Properties of Cardiac Glycosides. <i>Molecules</i> , <b>2017</b> , 22,	4.8	60
216	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- $\kappa$ B activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3850-8	3.4	60
215	A survey of marine natural compounds and their derivatives with anti-cancer activity reported in 2011. <i>Molecules</i> , <b>2013</b> , 18, 3641-73	4.8	60
214	ROS-independent JNK activation and multisite phosphorylation of Bcl-2 link diallyl tetrasulfide-induced mitotic arrest to apoptosis. <i>Carcinogenesis</i> , <b>2012</b> , 33, 2162-71	4.6	60
213	Natural chalcones as dual inhibitors of HDACs and NF- $\kappa$ B. <i>Oncology Reports</i> , <b>2012</b> , 28, 797-805	3.5	59

212	Cardiac glycosides: From molecular targets to immunogenic cell death. <i>Biochemical Pharmacology</i> , <b>2017</b> , 125, 1-11	6	57
211	Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 1239-47	6	56
210	Effect of curcumin on nuclear factor kappaB signaling pathways in human chronic myelogenous K562 leukemia cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1171, 436-47	6.5	55
209	Chemical properties and mechanisms determining the anti-cancer action of garlic-derived organic sulfur compounds. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2011</b> , 11, 267-71	2.2	55
208	P53 and Sirt1: routes of metabolism and genome stability. <i>Biochemical Pharmacology</i> , <b>2014</b> , 92, 149-56	6	54
207	Regulation of epigenetic traits of the glutathione S-transferase P1 gene: from detoxification toward cancer prevention and diagnosis. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 170	5.6	54
206	Traditional West African pharmacopeia, plants and derived compounds for cancer therapy. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 1225-40	6	54
205	UNBS1450 from <i>Calotropis procera</i> as a regulator of signaling pathways involved in proliferation and cell death. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 1-10	6	54
204	An introduction to the molecular mechanisms of apoptosis. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1010, 1-8	6.5	54
203	Stress-induced cellular responses in immunogenic cell death: Implications for cancer immunotherapy. <i>Biochemical Pharmacology</i> , <b>2018</b> , 153, 12-23	6	53
202	Chromatin-modifying agents in anti-cancer therapy. <i>Biochimie</i> , <b>2012</b> , 94, 2264-79	4.6	53
201	Natural and Synthetic Flavonoids: Structure-Activity Relationship and Chemotherapeutic Potential for the Treatment of Leukemia. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2016</b> , 56 Suppl 1, S4-S28	11.5	52
200	MicroRNAs in cancer management and their modulation by dietary agents. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 1591-601	6	52
199	Histone deacetylase modulators provided by Mother Nature. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 357-67	4.3	52
198	Gamma-glutamyltransferase: nucleotide sequence of the human pancreatic cDNA. Evidence for a ubiquitous gamma-glutamyltransferase polypeptide in human tissues. <i>Biochemical Pharmacology</i> , <b>1992</b> , 43, 2527-33	6	52
197	Selective modulation of the glucocorticoid receptor can distinguish between transrepression of NF-B and AP-1. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 143-63	10.3	51
196	GATA-1: friends, brothers, and coworkers. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1030, 537-545	5.4	51
195	Cell type-dependent ROS and mitophagy response leads to apoptosis or necroptosis in neuroblastoma. <i>Oncogene</i> , <b>2016</b> , 35, 3839-53	9.2	49

194	Non-canonical programmed cell death mechanisms triggered by natural compounds. <i>Seminars in Cancer Biology</i> , <b>2016</b> , 40-41, 4-34	12.7	48
193	Isolation of anticancer and anti-trypanosome secondary metabolites from the endophytic fungus <i>Aspergillus flocculus</i> via bioactivity guided isolation and MS based metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1106-1107, 71-83	3.2	48
192	From nature to bedside: pro-survival and cell death mechanisms as therapeutic targets in cancer treatment. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 1111-22	17.8	47
191	Long and short non-coding RNAs as regulators of hematopoietic differentiation. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 14744-70	6.3	47
190	Parkinson's disease: a complex interplay of mitochondrial DNA alterations and oxidative stress. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 2388-409	6.3	47
189	Linking anemia to inflammation and cancer: the crucial role of TNFalpha. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 1572-9	6	47
188	Induction of heat shock response by curcumin in human leukemia cells. <i>Cancer Letters</i> , <b>2009</b> , 279, 145-54	9.9	45
187	Power from the garden: plant compounds as inhibitors of the hallmarks of cancer. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 2061-87	4.3	45
186	Tumor necrosis factor alpha inhibits erythroid differentiation in human erythropoietin-dependent cells involving p38 MAPK pathway, GATA-1 and FOG-1 downregulation and GATA-2 upregulation. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 1229-39	6	45
185	NF kappa B inhibitors and antitrypanosomal metabolites from endophytic fungus <i>Penicillium</i> sp. isolated from <i>Limonium tubiflorum</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 414-21	3.4	44
184	Cell cycle arrest in early mitosis and induction of caspase-dependent apoptosis in U937 cells by diallyltetrasulfide (Al2S4). <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 641-54	5.4	44
183	Reply to: Cisplatin-induced primordial follicle oocyte killing and loss of fertility are not prevented by imatinib. <i>Nature Medicine</i> , <b>2012</b> , 18, 1172-4	50.5	44
182	Bioactive diterpene derivatives from the marine sponge <i>Spongionella</i> sp. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1471-6	4.9	44
181	Photosynthetic marine organisms as a source of anticancer compounds. <i>Phytochemistry Reviews</i> , <b>2010</b> , 9, 557-579	7.7	43
180	Redox biology of regulated cell death in cancer: A focus on necroptosis and ferroptosis. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 134, 177-189	7.8	43
179	Coffee provides a natural multitarget pharmacopeia against the hallmarks of cancer. <i>Genes and Nutrition</i> , <b>2015</b> , 10, 51	4.3	42
178	DNA demethylation increases sensitivity of neuroblastoma cells to chemotherapeutic drugs. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 858-65	6	42
177	Natural compounds as regulators of the cancer cell metabolism. <i>International Journal of Cell Biology</i> , <b>2013</b> , 2013, 639401	2.6	42

176	Intracellular prooxidant activity of melatonin induces a survival pathway involving NF-kappaB activation. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1171, 472-8	6.5	42
175	Natural Compound Histone Deacetylase Inhibitors (HDACi): Synergy with Inflammatory Signaling Pathway Modulators and Clinical Applications in Cancer. <i>Molecules</i> , <b>2016</b> , 21,	4.8	42
174	Translational role of natural coumarins and their derivatives as anticancer agents. <i>Future Medicinal Chemistry</i> , <b>2019</b> , 11, 1057-1082	4.1	41
173	Targeting the wntless signaling pathway with natural compounds as chemopreventive or chemotherapeutic agents. <i>Current Pharmaceutical Biotechnology</i> , <b>2012</b> , 13, 245-54	2.6	41
172	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. <i>Oncotarget</i> , <b>2016</b> , 7, 24027-49	3.3	41
171	Regulation of glutathione S-transferase P1-1 gene expression by NF-kappaB in tumor necrosis factor alpha-treated K562 leukemia cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 1227-38	6	40
170	Anti-proliferative potential of curcumin in androgen-dependent prostate cancer cells occurs through modulation of the Wntless signaling pathway. <i>International Journal of Oncology</i> , <b>2011</b> , 38, 603-11	4.4	39
169	The inhibition of TNF-alpha-induced NF-kappaB activation by marine natural products. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 592-606	6	39
168	Early downregulation of Mcl-1 regulates apoptosis triggered by cardiac glycoside UNBS1450. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1782	9.8	38
167	4-Hydroxybenzoic acid derivatives as HDAC6-specific inhibitors modulating microtubular structure and HSP90 chaperone activity against prostate cancer. <i>Biochemical Pharmacology</i> , <b>2016</b> , 99, 31-52	6	38
166	Marine natural products targeting phospholipases A2. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1793-800	6	38
165	Quercetin downregulates Mcl-1 by acting on mRNA stability and protein degradation. <i>British Journal of Cancer</i> , <b>2011</b> , 105, 221-30	8.7	37
164	Curcumin-induced cell death in two leukemia cell lines: K562 and Jurkat. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1010, 389-92	6.5	37
163	Oxidative Stress, DNA Damage, and c-Abl Signaling: At the Crossroad in Neurodegenerative Diseases?. <i>International Journal of Cell Biology</i> , <b>2012</b> , 2012, 683097	2.6	36
162	Aurones: interesting natural and synthetic compounds with emerging biological potential. <i>Natural Product Communications</i> , <b>2012</b> , 7, 389-94	0.9	36
161	Sphingolipid-mediated inflammatory signaling leading to autophagy inhibition converts erythropoiesis to myelopoiesis in human hematopoietic stem/progenitor cells. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 1796-1812	12.7	35
160	Sp proteins play a critical role in histone deacetylase inhibitor-mediated derepression of CYP46A1 gene transcription. <i>Journal of Neurochemistry</i> , <b>2010</b> , 113, 418-31	6	34
159	Tumor necrosis factor alpha induces gamma-glutamyltransferase expression via nuclear factor-kappaB in cooperation with Sp1. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 397-411	6	34



158	NF-kappaB-inhibiting naphthopyrones from the Fijian echinoderm Comanthus parvicirrus. <i>Journal of Natural Products</i> , <b>2008</b> , 71, 106-11	4.9	34
157	Role of Histone Acetylation in Cell Cycle Regulation. <i>Current Topics in Medicinal Chemistry</i> , <b>2016</b> , 16, 732-44	3.4	34
156	Embellicines A and B: absolute configuration and NF- $\kappa$ B transcriptional inhibitory activity. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 2991-9	8.3	33
155	Tumor necrosis factor $\gamma$ -mediated inhibition of erythropoiesis involves GATA-1/GATA-2 balance impairment and PU.1 over-expression. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 156-66	6	33
154	DNA damage response: the emerging role of c-Abl as a regulatory switch?. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 1269-76	6	33
153	Natural dimers of coumarin, chalcones, and resveratrol and the link between structure and pharmacology. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 182, 111637	6.8	32
152	A Survey of Marine Natural Compounds and Their Derivatives with Anti-cancer Activity Reported in 2012. <i>Molecules</i> , <b>2015</b> , 20, 7097-142	4.8	32
151	Garlic-derived natural polysulfanes as hydrogen sulfide donors: Friend or foe?. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 95, 219-33	4.7	32
150	Identification of differentially expressed proteins in curcumin-treated prostate cancer cell lines. <i>OMICS A Journal of Integrative Biology</i> , <b>2012</b> , 16, 289-300	3.8	32
149	Novel inhibitors of human histone deacetylases: design, synthesis and bioactivity of 3-alkenylcoumarines. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 3797-801	2.9	31
148	The aromatic ketone 4'-hydroxychalcone inhibits TNF $\alpha$ -induced NF- $\kappa$ B activation via proteasome inhibition. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 620-31	6	31
147	Roles of Apoptosis and Cellular Senescence in Cancer and Aging. <i>Current Drug Targets</i> , <b>2016</b> , 17, 405-15	3	31
146	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> , <b>2014</b> , 16, 511-28	6.4	30
145	Epigenetic modulators from "The Big Blue": a treasure to fight against cancer. <i>Cancer Letters</i> , <b>2014</b> , 351, 182-97	9.9	30
144	Gene expression profiling related to anti-inflammatory properties of curcumin in K562 leukemia cells. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1171, 391-8	6.5	30
143	Antiproliferative and proapoptotic activities of 4-hydroxybenzoic acid-based inhibitors of histone deacetylases. <i>Cancer Letters</i> , <b>2014</b> , 343, 134-46	9.9	29
142	Properly substituted analogues of BIX-01294 lose inhibition of G9a histone methyltransferase and gain selective anti-DNA methyltransferase 3A activity. <i>PLoS ONE</i> , <b>2014</b> , 9, e96941	3.7	29
141	Expression of glutathione S-transferase P1-1 in leukemic cells is regulated by inducible AP-1 binding. <i>Cancer Letters</i> , <b>2004</b> , 216, 207-19	9.9	29



140	GTP-mediated differentiation of the human K562 cell line: transient overexpression of GATA-1 and stabilization of the gamma-globin mRNA. <i>Leukemia</i> , <b>2000</b> , 14, 1589-97	10.7	29
139	A survey of marine natural compounds and their derivatives with anti-cancer activity reported in 2010. <i>Molecules</i> , <b>2011</b> , 16, 5629-46	4.8	28
138	Valproic acid perturbs hematopoietic homeostasis by inhibition of erythroid differentiation and activation of the myelo-monocytic pathway. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 498-509	6	28
137	Reversible epigenetic fingerprint-mediated glutathione-S-transferase P1 gene silencing in human leukemia cell lines. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 1329-42	6	28
136	Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. <i>Cancer Letters</i> , <b>2018</b> , 416, 94-108	9.9	28
135	Anti-cancer effects of naturally derived compounds targeting histone deacetylase 6-related pathways. <i>Pharmacological Research</i> , <b>2018</b> , 129, 337-356	10.2	28
134	Dietary compounds as potent inhibitors of the signal transducers and activators of transcription (STAT) 3 regulatory network. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 111-25	4.3	27
133	A LIM domain protein from tobacco involved in actin-bundling and histone gene transcription. <i>Molecular Plant</i> , <b>2013</b> , 6, 483-502	14.4	27
132	Oxidative, multistep activation of the noncanonical NF-kappaB pathway via disulfide Bcl-3/p50 complex. <i>FASEB Journal</i> , <b>2009</b> , 23, 45-57	0.9	27
131	Epigenetic alterations as a universal feature of cancer hallmarks and a promising target for personalized treatments. <i>Current Topics in Medicinal Chemistry</i> , <b>2016</b> , 16, 745-76	3	27
130	In vitro characterisation of the anti-intravasative properties of the marine product heteronemin. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 1851-61	5.8	26
129	Styryl-lactone goniotalamin inhibits TNF- $\alpha$ -induced NF- $\kappa$ B activation. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 59, 572-8	4.7	26
128	Potential role of organic sulfur compounds from Allium species in cancer prevention and therapy. <i>Phytochemistry Reviews</i> , <b>2009</b> , 8, 349-368	7.7	26
127	Hydroxycoumarin OT-55 kills CML cells alone or in synergy with imatinib or Synribo: Involvement of ER stress and DAMP release. <i>Cancer Letters</i> , <b>2018</b> , 438, 197-218	9.9	26
126	Natural compounds and pharmaceuticals reprogram leukemia cell differentiation pathways. <i>Biotechnology Advances</i> , <b>2015</b> , 33, 785-97	17.8	25
125	Melatonin promotes Bax sequestration to mitochondria reducing cell susceptibility to apoptosis via the lipoxygenase metabolite 5-hydroxyeicosatetraenoic acid. <i>Mitochondrion</i> , <b>2015</b> , 21, 113-21	4.9	25
124	Modulatory roles of glycolytic enzymes in cell death. <i>Biochemical Pharmacology</i> , <b>2014</b> , 92, 22-30	6	25
123	Naturally Occurring Regulators of Histone Acetylation/Deacetylation. <i>Current Nutrition and Food Science</i> , <b>2010</b> , 6, 78-99	0.7	25

122	Natural compound inducers of immunogenic cell death. <i>Archives of Pharmacal Research</i> , <b>2019</b> , 42, 629-645	4.1	24
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