Marc Diederich

List of Publications by Year in Descending Order

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	Bioactive Bromotyrosine Derivatives from the Pacific Marine Sponge (Pulitzer-Finali, 1982). *Marine Drugs*, **2021**, 19,	6	3
264	Bioactivity of natural biflavonoids in metabolism-related disease and cancer therapies. *Pharmacological Research*, **2021**, 167, 105525	10.2	12
263	Anti-Leukemic Properties of Aplysinopsin Derivative EE-84 Alone and Combined to BH3 Mimetic A-1210477. *Marine Drugs*, **2021**, 19,	6	4
262	Susceptibility of multiple myeloma to B-cell lymphoma 2 family inhibitors. *Biochemical Pharmacology*, **2021**, 188, 114526	6	0
261	Asciminib Mitigates DNA Damage Stress Signaling Induced by Cyclophosphamide in the Ovary. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
260	Assessment of Mitochondrial Cell Metabolism by Respiratory Chain Electron Flow Assays. *Methods in Molecular Biology*, **2021**, 2276, 129-141	1.4	1
259	Phytochemical Screening and Antioxidant and Cytotoxic Effects of. *Plants*, **2021**, 10,	4.5	3
258	Anticancer properties of indole derivatives as IsoCombretastatin A-4 analogues. *European Journal of Medicinal Chemistry*, **2021**, 223, 113656	6.8	5
257	Discovery of Sulforaphane as an Inducer of Ferroptosis in U-937 Leukemia Cells: Expanding Its Anticancer Potential.. *Cancers*, **2021**, 14,	6.6	3
256	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. *Clinical Epigenetics*, **2020**, 12, 69	7.7	9
255	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	10.2	1
254	Tetrahydrobenzimidazole TMQ0153 triggers apoptosis, autophagy and necroptosis crosstalk in chronic myeloid leukemia. *Cell Death and Disease*, **2020**, 11, 109	9.8	12
253	Immune-modulating and anti-inflammatory marine compounds against cancer. *Seminars in Cancer Biology*, **2020**,	12.7	7
252	Petromurin C Induces Protective Autophagy and Apoptosis in FLT3-ITD-Positive AML: Synergy with Gilteritinib. *Marine Drugs*, **2020**, 18,	6	8
251	HDAC6-an Emerging Target Against Chronic Myeloid Leukemia?. *Cancers*, **2020**, 12,	6.6	7
250	Inflammation regulates long non-coding RNA-PTTG1-1:1 in myeloid leukemia. *Haematologica*, **2020**, 105, e280-e284	6.6	1
249	Epigenetic mechanisms underlying the therapeutic effects of HDAC inhibitors in chronic myeloid leukemia. *Biochemical Pharmacology*, **2020**, 173, 113698	6	8

248	Human telomerase reverse transcriptase depletion potentiates the growth-inhibitory activity of imatinib in chronic myeloid leukemia stem cells. *Cancer Letters*, **2020**, 469, 468-480	9.9	4
247	BH3 Mimetics in AML Therapy: Death and Beyond?. *Trends in Pharmacological Sciences*, **2020**, 41, 793-814	13.2	7
246	Natural dimers of coumarin, chalcones, and resveratrol and the link between structure and pharmacology. *European Journal of Medicinal Chemistry*, **2019**, 182, 111637	6.8	32
245	Current research in biotechnology: Exploring the biotech forefront. *Current Research in Biotechnology*, **2019**, 1, 34-40	4.8	9
244	Kinase-independent inhibition of cyclophosphamide-induced pathways protects the ovarian reserve and prolongs fertility. *Cell Death and Disease*, **2019**, 10, 726	9.8	12
243	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). *Free Radical Research*, **2019**, 53, 1163-1170	4	5
242	Hydroquinone-Derivatives Induce Cell Death in Chronic Myelogenous Leukemia. *Proceedings (mdpi)*, **2019**, 11, 28	0.3	
241	Identification of a novel quinoline-based DNA demethylating compound highly potent in cancer cells. *Clinical Epigenetics*, **2019**, 11, 68	7.7	18
240	Targeted Anticancer Strategies with Garlic Derivatives. *Proceedings (mdpi)*, **2019**, 11, 29	0.3	
239	Natural Compounds as Epigenetic Modulators in Cancer. *Proceedings (mdpi)*, **2019**, 11, 30	0.3	
238	Anticancer potential of naturally occurring immunoepigenetic modulators: A promising avenue?. *Cancer*, **2019**, 125, 1612-1628	6.4	14
237	Natural compound inducers of immunogenic cell death. *Archives of Pharmacal Research*, **2019**, 42, 629-645	6.1	24
236	Modulation of hydrogen sulfide gasotransmitter limits the proven benefits of garlic. *Phytochemistry Reviews*, **2019**, 18, 1167-1180	7.7	2
235	Translational role of natural coumarins and their derivatives as anticancer agents. *Future Medicinal Chemistry*, **2019**, 11, 1057-1082	4.1	41
234	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	12.7	35
233	Natural modulators of the hallmarks of immunogenic cell death. *Biochemical Pharmacology*, **2019**, 162, 55-70	6	21
232	Isolation of anticancer and anti-trypanosome secondary metabolites from the endophytic fungus Aspergillus flocculus 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	3.2	48
231	Redox biology of regulated cell death in cancer: A focus on necroptosis and ferroptosis. *Free Radical Biology and Medicine*, **2019**, 134, 177-189	7.8	43

230	Autophagy as a pharmacological target in hematopoiesis and hematological disorders. *Biochemical Pharmacology*, **2018**, 152, 347-361	6	8
229	Stress-induced cellular responses in immunogenic cell death: Implications for cancer immunotherapy. *Biochemical Pharmacology*, **2018**, 153, 12-23	6	53
228	The dialkyl resorcinol stemphol disrupts calcium homeostasis to trigger programmed immunogenic necrosis in cancer. *Cancer Letters*, **2018**, 416, 109-123	9.9	15
227	Natural scaffolds in anticancer therapy and precision medicine. *Biotechnology Advances*, **2018**, 36, 1563-1585	10.2	24
226	Cardiac Glycoside Glucoevatromonoside Induces Cancer Type-Specific Cell Death. *Frontiers in Pharmacology*, **2018**, 9, 70	5.6	21
225	The Fungal Metabolite Eurochevalierine, a Sequiterpene Alkaloid, Displays Anti-Cancer Properties through Selective Sirtuin 1/2 Inhibition. *Molecules*, **2018**, 23,	4.8	8
224	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	9.9	28
223	Anti-cancer effects of naturally derived compounds targeting histone deacetylase 6-related pathways. *Pharmacological Research*, **2018**, 129, 337-356	10.2	28
222	Synergistic AML Cell Death Induction by Marine Cytotoxin (+)-1(), 6(), 1'(), 6'(), 11(), 17()-Fistularin-3 and Bcl-2 Inhibitor Venetoclax. *Marine Drugs*, **2018**, 16,	6	12
221	Biotinylation enhances the anticancer effects of 15d-PGJ2 against breast cancer cells. *International Journal of Oncology*, **2018**, 52, 1991-2000	4.4	1
220	Unaromatized Tetrahydrobenzimidazole Synthesis from p-Benzoquinone and N-Arylamidines and their Cytotoxic Potential. *European Journal of Organic Chemistry*, **2018**, 2018, 5878-5884	3.2	4
219	Caractérisation de l'alcaloïde bromoisosulfarine-3 (Iso-3) un nouvel agent de déméthylation d'ADN : l'exemple de son effet antiprolifératif, proapoptotique et proautophagique sur deux lignes cellulaires issues des lymphomes humains. *Morphologie*, **2018**, 102, 146-147	0.9	
218	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	9.9	26
217	Preclinical Assessment of the Bioactivity of the Anticancer Coumarin OT48 by Spheroids, Colony Formation Assays, and Zebrafish Xenografts. *Journal of Visualized Experiments*, **2018**,	1.6	3
216	Discovery and Characterization of R/S-N-3-Cyanophenyl-N'-(6-tert-butoxycarbonylamino-3,4-dihydro-2,2-dimethyl-2H-1-benzopyran-4-yl)urea, a New Histone Deacetylase Class III Inhibitor Exerting Antiproliferative Activity against Cancer Cell Lines. *Journal of Medicinal Chemistry*, **2017**, 60, 4714-4733	8.5	17
215	Tubulin-binding anticancer polysulfides induce cell death via mitotic arrest and autophagic interference in colorectal cancer. *Cancer Letters*, **2017**, 410, 139-157	9.9	15
214	Metabolomic Tools to Assess the Chemistry and Bioactivity of Endophytic Aspergillus Strain. *Chemistry and Biodiversity*, **2017**, 14, e1700040	2.5	24
213	Cardiac glycosides: From molecular targets to immunogenic cell death. *Biochemical Pharmacology*, **2017**, 125, 1-11	6	57

212	Bcl-2 protein family expression pattern determines synergistic pro-apoptotic effects of BH3 mimetics with hemisynthetic cardiac glycoside UNBS1450 in acute myeloid leukemia. *Leukemia*, **2017**, 31, 755-759	10.7	15
211	Anticancer and Immunogenic Properties of Cardiac Glycosides. *Molecules*, **2017**, 22,	4.8	60
210	Synthesis, Enzyme Assays and Molecular Docking Studies of Fluorina ted Bioisosteres of Santacruzamate A as Potential HDAC Tracers. *Letters in Drug Design and Discovery*, **2017**, 14,	0.8	2
209	Anti-proliferative, Cytotoxic and NF-B Inhibitory Properties of Spiro(Lactone-Cyclohexanone) Compounds in Human Leukemia. *Anticancer Research*, **2017**, 37, 5225-5233	2.3	4
208	Natural and Synthetic Flavonoids: Structure-Activity Relationship and Chemotherapeutic Potential for the Treatment of Leukemia. *Critical Reviews in Food Science and Nutrition*, **2016**, 56 Suppl 1, S4-S28	11.5	52
207	4Methylated steroids with cytotoxic activity from the soft coral Litophyton mollis. *Steroids*, **2016**, 115, 130-135	2.8	10
206	Garlic-derived natural polysulfanes as hydrogen sulfide donors: Friend or foe?. *Food and Chemical Toxicology*, **2016**, 95, 219-33	4.7	32
205	Non-canonical programmed cell death mechanisms triggered by natural compounds. *Seminars in Cancer Biology*, **2016**, 40-41, 4-34	12.7	48
204	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
203	4-Hydroxybenzoic acid derivatives as HDAC6-specific inhibitors modulating microtubular structure and HSP90chaperone activity against prostate cancer. *Biochemical Pharmacology*, **2016**, 99, 31-52	6	38
202	Cell type-dependent ROS and mitophagy response leads to apoptosis or necroptosis in neuroblastoma. *Oncogene*, **2016**, 35, 3839-53	9.2	49
201	One-Pot Synthesis of Benzopyran-4-ones with Cancer Preventive and Therapeutic Potential. *European Journal of Organic Chemistry*, **2016**, 2016, 965-975	3.2	24
200	Identification and re-addressing of a transcriptionally permissive locus in the porcine genome. *Transgenic Research*, **2016**, 25, 63-70	3.3	6
199	Perspectives in Medicinal Chemistry: DNA Methylation and Demethylation Mechanisms as Therapeutic Targets?. *Current Topics in Medicinal Chemistry*, **2016**, 16, 807-8	3	
198	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, 24027-49	3.3	41
197	Roles of Apoptosis and Cellular Senescence in Cancer and Aging. *Current Drug Targets*, **2016**, 17, 405-15	3	31
196	Role of Histone Acetylation in Cell Cycle Regulation. *Current Topics in Medicinal Chemistry*, **2016**, 16, 732-44	3	34
195	Epigenetic alterations as a universal feature of cancer hallmarks and a promising target for personalized treatments. *Current Topics in Medicinal Chemistry*, **2016**, 16, 745-76	3	27

194	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		4
193	Natural Compound Histone Deacetylase Inhibitors (HDACi): Synergy with Inflammatory Signaling Pathway Modulators and Clinical Applications in Cancer. *Molecules*, **2016**, 21,	4.8	42
192	Cancer-type-specific crosstalk between autophagy, necroptosis and apoptosis as a pharmacological target. *Biochemical Pharmacology*, **2015**, 94, 1-11	6	123
191	Tanzawaic acids isolated from a marine-derived fungus of the genus Penicillium with cytotoxic activities. *Organic and Biomolecular Chemistry*, **2015**, 13, 7248-56	3.9	20
190	Nutritional Epigenetic Regulators in the Field of Cancer **2015**, 393-425		9
189	Early downregulation of Mcl-1 regulates apoptosis triggered by cardiac glycoside UNBS1450. *Cell Death and Disease*, **2015**, 6, e1782	9.8	38
188	A Survey of Marine Natural Compounds and Their Derivatives with Anti-cancer Activity Reported in 2012. *Molecules*, **2015**, 20, 7097-142	4.8	32
187	Histone deacetylase 6 in health and disease. *Epigenomics*, **2015**, 7, 103-18	4.4	131
186	Natural compounds and pharmaceuticals reprogram leukemia cell differentiation pathways. *Biotechnology Advances*, **2015**, 33, 785-97	17.8	25
185	Oximoaspergillimide, a Fungal Derivative from a Marine Isolate of Aspergillus sp.. *European Journal of Organic Chemistry*, **2015**, 2015, 2256-2261	3.2	17
184	Melatonin promotes Bax sequestration to mitochondria reducing cell susceptibility to apoptosis via the lipoxygenase metabolite 5-hydroxyeicosatetraenoic acid. *Mitochondrion*, **2015**, 21, 113-21	4.9	25
183	Flavonoid glycosides from Olax mannii: Structure elucidation and effect on the nuclear factor kappa B pathway. *Journal of Ethnopharmacology*, **2015**, 176, 27-34	5	15
182	2,5-Dimethyl-celecoxib inhibits cell cycle progression and induces apoptosis in human leukemia cells. *Journal of Pharmacology and Experimental Therapeutics*, **2015**, 355, 308-28	4.7	20
181	Coffee provides a natural multitarget pharmacopeia against the hallmarks of cancer. *Genes and Nutrition*, **2015**, 10, 51	4.3	42
180	Antagonistic role of natural compounds in mTOR-mediated metabolic reprogramming. *Cancer Letters*, **2015**, 356, 251-62	9.9	16
179	Celecoxib prevents curcumin-induced apoptosis in a hematopoietic cancer cell model. *Molecular Carcinogenesis*, **2015**, 54, 999-1013	5	9
178	PPAR□nactive □-troglitazone independently triggers ER stress and apoptosis in breast cancer cells. *Molecular Carcinogenesis*, **2015**, 54, 393-404	5	16
177	Epipolythiodiketopiperazines from the Marine Derived Fungus Dichotomomyces cejpii with NF-B Inhibitory Potential. *Marine Drugs*, **2015**, 13, 4949-66	6	16

176	Signal Transducers and Activators of Transcription (STAT) Regulatory Networks in Marine Organisms: From Physiological Observations towards Marine Drug Discovery. *Marine Drugs*, **2015**, 13, 4967-84	6	16
175	Cytotoxic, Antiproliferative and Pro-Apoptotic Effects of 5-Hydroxyl-6,7,3',4',5'-Pentamethoxyflavone Isolated from Lantana ukambensis. *Nutrients*, **2015**, 7, 10388-97	6.7	9
174	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	5	10
173	A novel coumarin-quinone derivative SV37 inhibits CDC25 phosphatases, impairs proliferation, and induces cell death. *Molecular Carcinogenesis*, **2015**, 54, 229-41	5	22
172	Effects of Natural Products on Mcl-1 Expression and Function. *Current Medicinal Chemistry*, **2015**, 22, 3447-61	4.3	9
171	Bispecific antibodies: an innovative arsenal to hunt, grab and destroy cancer cells. *Current Pharmaceutical Biotechnology*, **2015**, 16, 670-83	2.6	10
170	Dual induction of mitochondrial apoptosis and senescence in chronic myelogenous leukemia by myrtucommulone A. *Anti-Cancer Agents in Medicinal Chemistry*, **2015**, 15, 363-73	2.2	10
169	From nature to bedside: pro-survival and cell death mechanisms as therapeutic targets in cancer treatment. *Biotechnology Advances*, **2014**, 32, 1111-22	17.8	47
168	Synthetic polysulfane derivatives induce cell cycle arrest and apoptotic cell death in human hematopoietic cancer cells. *Food and Chemical Toxicology*, **2014**, 64, 249-57	4.7	21
167	Anticancer effects of bioactive berry compounds. *Phytochemistry Reviews*, **2014**, 13, 295-322	7.7	70
166	Bis(4-hydroxy-2H-chromen-2-one): synthesis and effects on leukemic cell lines proliferation and NF-B regulation. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3008-15	3.4	17
165	Antiproliferative and proapoptotic activities of 4-hydroxybenzoic acid-based inhibitors of histone deacetylases. *Cancer Letters*, **2014**, 343, 134-46	9.9	29
164	Valproic acid regulates erythro-megakaryocytic differentiation through the modulation of transcription factors and microRNA regulatory micro-networks. *Biochemical Pharmacology*, **2014**, 92, 299-311	6	14
163	Inhibitory effect of St. John?s Wort oil macerates on TNF induced NF-B activation and their fatty acid composition. *Journal of Ethnopharmacology*, **2014**, 155, 1086-92	5	10
162	Protein kinase and HDAC inhibitors from the endophytic fungus Epicoccum nigrum. *Journal of Natural Products*, **2014**, 77, 49-56	4.9	83
161	Selective non-nucleoside inhibitors of human DNA methyltransferases active in cancer including in cancer stem cells. *Journal of Medicinal Chemistry*, **2014**, 57, 701-13	8.3	84
160	Methylenedioxy flavonoids: assessment of cytotoxic and anti-cancer potential in human leukemia cells. *European Journal of Medicinal Chemistry*, **2014**, 84, 173-80	6.8	20
159	5-aza-2'-deoxycytidine-mediated c-myc Down-regulation triggers telomere-dependent senescence by regulating human telomerase reverse transcriptase in chronic myeloid leukemia. *Neoplasia*, **2014**, 16, 511-28	6.4	30

158	Energy restriction mimetic agents to target cancer cells: comparison between 2-deoxyglucose and thiazolidinediones. *Biochemical Pharmacology*, **2014**, 92, 102-11	6	14
157	Modulatory roles of glycolytic enzymes in cell death. *Biochemical Pharmacology*, **2014**, 92, 22-30	6	25
156	P53 and Sirt1: routes of metabolism and genome stability. *Biochemical Pharmacology*, **2014**, 92, 149-56	6	54
155	Epigenetic modulators from "The Big Blue": a treasure to fight against cancer. *Cancer Letters*, **2014**, 351, 182-97	9.9	30
154	Synthesis and bioactivity of novel amino-pyrazolopyridines. *European Journal of Medicinal Chemistry* , **2014**, 85, 450-7	6.8	17
153	Novel inhibitors of human histone deacetylases: design, synthesis and bioactivity of 3-alkenoylcoumarines. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 3797-801	2.9	31
152	Hybrid curcumin compounds: a new strategy for cancer treatment. *Molecules*, **2014**, 19, 20839-63	4.8	71
151	Properly substituted analogues of BIX-01294 lose inhibition of G9a histone methyltransferase and gain selective anti-DNA methyltransferase 3A activity. *PLoS ONE*, **2014**, 9, e96941	3.7	29
150	Eurycomanone and eurycomanol from Eurycoma longifolia Jack as regulators of signaling pathways involved in proliferation, cell death and inflammation. *Molecules*, **2014**, 19, 14649-66	4.8	24
149	Plumbagin modulates leukemia cell redox status. *Molecules*, **2014**, 19, 10011-32	4.8	20
148	Regulation of epigenetic traits of the glutathione S-transferase P1 gene: from detoxification toward cancer prevention and diagnosis. *Frontiers in Pharmacology*, **2014**, 5, 170	5.6	54
147	Cytotoxic activity and mechanism of action of metabolites from the Goniothalamus genus. *Phytochemistry Reviews*, **2014**, 13, 835-851	7.7	22
146	Anti-inflammatory and anticancer drugs from nature. *Cancer Treatment and Research*, **2014**, 159, 123-43	3.5	63
145	Selective modulation of the glucocorticoid receptor can distinguish between transrepression of NF-B and AP-1. *Cellular and Molecular Life Sciences*, **2014**, 71, 143-63	10.3	51
144	1,000 Ways to die: natural compounds modulate non-canonical cell death pathways in cancer cells. *Phytochemistry Reviews*, **2014**, 13, 277-293	7.7	0
143	Plant-derived epigenetic modulators for cancer treatment and prevention. *Biotechnology Advances*, **2014**, 32, 1123-32	17.8	68
142	Non-edible plants as an attractive source of compounds with chemopreventive potential. *Journal of Cancer Prevention*, **2014**, 19, 1-6	3	10
141	In vitro characterisation of the anti-intravasative properties of the marine product heteronemin. *Archives of Toxicology*, **2013**, 87, 1851-61	5.8	26

140	Epigenetically induced changes in nuclear textural patterns and gelatinase expression in human fibrosarcoma cells. *Cell Proliferation*, **2013**, 46, 127-36	7.9	10
139	Cardiac glycosides in cancer therapy: from preclinical investigations towards clinical trials. *Investigational New Drugs*, **2013**, 31, 1087-94	4.3	110
138	Assembling the puzzle of anti-cancer mechanisms triggered by cardiac glycosides. *Mitochondrion*, **2013**, 13, 225-34	4.9	72
137	Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. *Biochemical Pharmacology*, **2013**, 86, 1239-47	6	56
136	Polyphenol tri-vanillic ester 13c inhibits P-JAK2V617F and Bcr-Abl oncokinase expression in correlation with STAT3/STAT5 inactivation and apoptosis induction in human leukemia cells. *Cancer Letters*, **2013**, 340, 30-42	9.9	6
135	Pro-apoptotic and immunostimulatory tetrahydroxanthone dimers from the endophytic fungus Phomopsis longicolla. *Journal of Organic Chemistry*, **2013**, 78, 12409-25	4.2	65
134	Styryl-lactone goniothalamin inhibits TNF-□nduced NF-B activation. *Food and Chemical Toxicology* , **2013**, 59, 572-8	4.7	26
133	Embellicines A and B: absolute configuration and NF-B transcriptional inhibitory activity. *Journal of Medicinal Chemistry*, **2013**, 56, 2991-9	8.3	33
132	Goniolandrene A and B from Goniothalamus macrophyllus. *Fitoterap*□**2013**, 88, 1-6	3.2	11
131	Curcumin as a regulator of epigenetic events. *Molecular Nutrition and Food Research*, **2013**, 57, 1619-29	5.9	116
130	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-B activity. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 3850-8	3.4	60
129	A survey of marine natural compounds and their derivatives with anti-cancer activity reported in 2011. *Molecules*, **2013**, 18, 3641-73	4.8	60
128	Metabolism and cancer: old and new players. *International Journal of Cell Biology*, **2013**, 2013, 293201	2.6	5
127	Long and short non-coding RNAs as regulators of hematopoietic differentiation. *International Journal of Molecular Sciences*, **2013**, 14, 14744-70	6.3	47
126	Parkinson's disease: a complex interplay of mitochondrial DNA alterations and oxidative stress. *International Journal of Molecular Sciences*, **2013**, 14, 2388-409	6.3	47
125	Natural compounds as regulators of the cancer cell metabolism. *International Journal of Cell Biology* , **2013**, 2013, 639401	2.6	42
124	Venus Flytrap (Dionaea muscipula Solander ex Ellis) Contains Powerful Compounds that Prevent and Cure Cancer. *Frontiers in Oncology*, **2013**, 3, 202	5.3	15
123	A LIM domain protein from tobacco involved in actin-bundling and histone gene transcription. *Molecular Plant*, **2013**, 6, 483-502	14.4	27

122	DNA demethylation increases sensitivity of neuroblastoma cells to chemotherapeutic drugs. *Biochemical Pharmacology*, **2012**, 83, 858-65	6	42
121	MicroRNAs in cancer management and their modulation by dietary agents. *Biochemical Pharmacology*, **2012**, 83, 1591-601	6	52
120	New nodulopeptins from Nodularia spumigena KAC 66. *Tetrahedron*, **2012**, 68, 1622-1628	2.4	6
119	Epigenetics Offer New Horizons for Colorectal Cancer Prevention. *Current Colorectal Cancer Reports*, **2012**, 8, 66-81	1	73
118	Natural chalcones as dual inhibitors of HDACs and NF-B. *Oncology Reports*, **2012**, 28, 797-805	3.5	59
117	Identification of differentially expressed proteins in curcumin-treated prostate cancer cell lines. *OMICS A Journal of Integrative Biology*, **2012**, 16, 289-300	3.8	32
116	Development of a matrix-assisted laser desorption/ionization-mass spectrometry screening test to evidence reversible and irreversible inhibitors of CDC25 phosphatases. *Analytical Biochemistry*, **2012**, 430, 83-91	3.1	12
115	Traditional West African pharmacopeia, plants and derived compounds for cancer therapy. *Biochemical Pharmacology*, **2012**, 84, 1225-40	6	54
114	Chromatin-modifying agents in anti-cancer therapy. *Biochimie*, **2012**, 94, 2264-79	4.6	53
113	Aurones: Interesting Natural and Synthetic Compounds with Emerging Biological Potential. *Natural Product Communications*, **2012**, 7, 1934578X1200700	0.9	10
112	Dietary compounds as potent inhibitors of the signal transducers and activators of transcription (STAT) 3 regulatory network. *Genes and Nutrition*, **2012**, 7, 111-25	4.3	27
111	Histone deacetylase modulators provided by Mother Nature. *Genes and Nutrition*, **2012**, 7, 357-67	4.3	52
110	Oxidative Stress, DNA Damage, and c-Abl Signaling: At the Crossroad in Neurodegenerative Diseases?. *International Journal of Cell Biology*, **2012**, 2012, 683097	2.6	36
109	Power from the garden: plant compounds as inhibitors of the hallmarks of cancer. *Current Medicinal Chemistry*, **2012**, 19, 2061-87	4.3	45
108	Live longer, drink (poly)phenols!. *Cell Cycle*, **2012**, 11, 4109	4.7	1
107	Reply to: Cisplatin-induced primordial follicle oocyte killing and loss of fertility are not prevented by imatinib. *Nature Medicine*, **2012**, 18, 1172-4	50.5	44
106	ROS-independent JNK activation and multisite phosphorylation of Bcl-2 link diallyl tetrasulfide-induced mitotic arrest to apoptosis. *Carcinogenesis*, **2012**, 33, 2162-71	4.6	60
105	From the deepest sea shelf to the uppermost kitchen cabinet shelf: the quest for novel TNF- inhibitors. *Current Topics in Medicinal Chemistry*, **2012**, 12, 1392-407	3	11

104	Targeting the wingless signaling pathway with natural compounds as chemopreventive or chemotherapeutic agents. *Current Pharmaceutical Biotechnology*, **2012**, 13, 245-54	2.6	41
103	Aurones: interesting natural and synthetic compounds with emerging biological potential. *Natural Product Communications*, **2012**, 7, 389-94	0.9	36
102	Breakthrough in tracking tumor erythropoietin receptor expression. *Chinese Clinical Oncology*, **2012** , 1, 24	2.3	
101	A survey of marine natural compounds and their derivatives with anti-cancer activity reported in 2010. *Molecules*, **2011**, 16, 5629-46	4.8	28
100	Magnetic fields promote a pro-survival non-capacitative Ca2+ entry via phospholipase C signaling. *International Journal of Biochemistry and Cell Biology*, **2011**, 43, 393-400	5.6	9
99	Naturally Occurring Organic Sulfur Compounds: An Example of a Multitasking Class of Phytochemicals in Anti-Cancer Research **2011**,		6
98	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	4.4	39
97	UNBS1450, a steroid cardiac glycoside inducing apoptotic cell death in human leukemia cells. *Biochemical Pharmacology*, **2011**, 81, 13-23	6	65
96	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. *Biochemical Pharmacology*, **2011**, 81, 364-78	6	77
95	Valproic acid perturbs hematopoietic homeostasis by inhibition of erythroid differentiation and activation of the myelo-monocytic pathway. *Biochemical Pharmacology*, **2011**, 81, 498-509	6	28
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