

Kazuo Umezawa

List of Publications by Year in descending order

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159
papers

4,465
citations

126901

33
h-index

138468

58
g-index

162
all docs

162
docs citations

162
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of a Novel Tyrosine Kinase Inhibitor, Lavendustin A, from <i>Streptomyces griseolavendus</i> . <i>Journal of Natural Products</i> , 1989, 52, 1252-1257.	3.0	251
2	Inhibition of Tumor Necrosis Factor- α -induced Nuclear Translocation and Activation of NF- κ B by Dehydroxymethylepoxyquinomicin. <i>Journal of Biological Chemistry</i> , 2002, 277, 24625-24630.	3.4	193
3	Suppression of Diabetes-Induced Retinal Inflammation by Blocking the Angiotensin II Type 1 Receptor or Its Downstream Nuclear Factor- κ B Pathway. , 2007, 48, 4342.		177
4	Synthesis of NF- κ B activation inhibitors derived from epoxyquinomicin C. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 865-869.	2.2	164
5	Inhibition of RANKL-Induced Osteoclastogenesis by (α^*)-DHMEQ, a Novel NF- κ B Inhibitor, Through Downregulation of NFATc1. <i>Journal of Bone and Mineral Research</i> , 2004, 20, 653-662.	2.8	143
6	Inhibition of epidermal growth factor-induced DNA synthesis by tyrosine kinase inhibitors. <i>FEBS Letters</i> , 1990, 260, 198-200.	2.8	124
7	Dual targeting of transformed and untransformed HTLV-1-infected T cells by DHMEQ, a potent and selective inhibitor of NF- κ B, as a strategy for chemoprevention and therapy of adult T-cell leukemia. <i>Blood</i> , 2005, 106, 2462-2471.	1.4	124
8	Inactivation of NF- κ B Components by Covalent Binding of (α^*)-Dehydroxymethylepoxyquinomicin to Specific Cysteine Residues. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5780-5788.	6.4	118
9	ErbB receptor tyrosine kinase/NF- κ B signaling controls mammosphere formation in human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6584-6589.	7.1	97
10	Inhibition of tumor growth by NF- κ B inhibitors. <i>Cancer Science</i> , 2006, 97, 990-995.	3.9	96
11	Suppression of hormone-refractory prostate cancer by a novel nuclear factor kappaB inhibitor in nude mice. <i>Cancer Research</i> , 2003, 63, 107-110.	0.9	94
12	Induction of Thyroid Cancer Cell Apoptosis by a Novel Nuclear Factor κ B Inhibitor, Dehydroxymethylepoxyquinomicin. <i>Clinical Cancer Research</i> , 2004, 10, 6821-6829.	7.0	87
13	Dephostatin, a novel protein tyrosine phosphatase inhibitor produced by <i>Streptomyces</i> . I. Taxonomy, isolation, and characterization.. <i>Journal of Antibiotics</i> , 1993, 46, 1342-1346.	2.0	86
14	Targeting of nuclear factor kappaB Pathways by dehydroxymethylepoxyquinomicin, a novel inhibitor of breast carcinomas: antitumor and antiangiogenic potential in vivo. <i>Clinical Cancer Research</i> , 2005, 11, 1287-93.	7.0	81
15	Chloptosin, an Apoptosis-Inducing Dimeric Cyclohexapeptide Produced by <i>Streptomyces</i> . <i>Journal of Organic Chemistry</i> , 2000, 65, 459-463.	3.2	78
16	Polyoxypeptins A and B Produced by <i>Streptomyces</i> : \hat{A} Apoptosis-Inducing Cyclic Depsipeptides Containing the Novel Amino Acid (2S,3R)-3-Hydroxy-3-methylproline. <i>Journal of Organic Chemistry</i> , 1999, 64, 3034-3038.	3.2	74
17	Preparation and biological activities of optically active dehydroxymethylepoxyquinomicin, a novel NF- κ B inhibitor. <i>Tetrahedron</i> , 2004, 60, 7061-7066.	1.9	72
18	Novel Nuclear Factor κ B Activation Inhibitor Prevents Inflammatory Injury in Unilateral Ureteral Obstruction. <i>Journal of Urology</i> , 2003, 169, 1559-1563.	0.4	70

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19	Effect of a small molecule inhibitor of nuclear factor-kappaB nuclear translocation in a murine model of arthritis and cultured human synovial cells. <i>Arthritis Research and Therapy</i> , 2005, 7, R1348.	3.5	69
20	Cyclopentabenzofuran Lignan Protein Synthesis Inhibitors from <i>Aglaia odorata</i> . <i>Journal of Natural Products</i> , 1996, 59, 650-652.	3.0	68
21	Promotion of β -Cell Differentiation by Conophylline in Fetal and Neonatal Rat Pancreas. <i>Diabetes</i> , 2004, 53, 2596-2602.	0.6	59
22	In vivo antitumor activity of the NF- κ B inhibitor dehydroxymethylepoxyquinomicin in a mouse model of adult T-cell leukemia. <i>Carcinogenesis</i> , 2005, 26, 1382-1388.	2.8	54
23	Molecular design and biological activities of protein-tyrosine phosphatase inhibitors. , 2003, 99, 15-24.		50
24	Conophylline Suppresses Pancreatic Stellate Cells and Improves Islet Fibrosis in Goto-Kakizaki Rats. <i>Endocrinology</i> , 2012, 153, 621-630.	2.8	48
25	Molecular design and biological activities of NF-kappaB inhibitors. <i>Molecules and Cells</i> , 2002, 14, 163-7.	2.6	45
26	A Simple Method to Induce Differentiation of Murine Bone Marrow Mesenchymal Cells to Insulin-producing Cells Using Conophylline and Betacellulin-delta4. <i>Endocrine Journal</i> , 2008, 55, 535-543.	1.6	44
27	Conophylline Protects Cells in Cellular Models of Neurodegenerative Diseases by Inducing Mammalian Target of Rapamycin (mTOR)-independent Autophagy. <i>Journal of Biological Chemistry</i> , 2015, 290, 6168-6178.	3.4	44
28	Stimulation of ultraviolet-induced apoptosis of human fibroblast UVR-1 cells by tyrosine kinase inhibitors. <i>FEBS Letters</i> , 1999, 444, 173-176.	2.8	43
29	Antidiabetic effect of orally administered conophylline-containing plant extract on streptozotocin-treated and Goto-Kakizaki rats. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 710-716.	5.6	40
30	Prevention of Cancer Cachexia by a Novel Nuclear Factor κ B Inhibitor in Prostate Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 5590-5594.	7.0	39
31	Determination of cathepsin V activity and intracellular trafficking by N-glycosylation. <i>FEBS Letters</i> , 2012, 586, 3601-3607.	2.8	39
32	Suppression of cellular invasion by glybenclamide through inhibited secretion of platelet-derived growth factor in ovarian clear cell carcinoma ES-2 cells. <i>FEBS Letters</i> , 2012, 586, 1504-1509.	2.8	39
33	Aberrant Expression of NF- κ B in Liver Fluke Associated Cholangiocarcinoma: Implications for Targeted Therapy. <i>PLoS ONE</i> , 2014, 9, e106056.	2.5	37
34	Akaterpin, a novel bioactive triterpene from the marine sponge <i>Callyspongia</i> sp.. <i>Tetrahedron Letters</i> , 1997, 38, 1201-1202.	1.4	36
35	Dehydroxymethylepoxyquinomicin, a novel nuclear factor- κ B inhibitor, induces apoptosis in multiple myeloma cells in an κ B-independent manner. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1114-1120.	4.1	35
36	Down-regulation of NF kappa B activation is an effective therapeutic modality in acquired platinum-resistant bladder cancer. <i>BMC Cancer</i> , 2015, 15, 324.	2.6	35

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37	Inhibition of Acidic Sphingomyelinase by Xanthone Compounds Isolated from <i>Garcinia Speciosa</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2000, 15, 129-138.	0.5	34
38	Antitumor effect of dehydroxymethylepoxyquinomicin, a small molecule inhibitor of nuclear factor- κ B, on glioblastoma. <i>Neuro-Oncology</i> , 2012, 14, 19-28.	1.2	34
39	Novel approaches to target NF- κ B and other signaling pathways in cancer stem cells. <i>Advances in Biological Regulation</i> , 2014, 56, 108-115.	2.3	33
40	Simultaneous and multi-point measurement of ammonia emanating from human skin surface for the estimation of whole body dermal emission rate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1053, 60-64.	2.3	33
41	Involvement of autocrine CXCL12/CXCR4 system in the regulation of ovarian carcinoma cell invasion. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 154-159.	2.1	32
42	Inhibition of macrophage activation and suppression of graft rejection by DTCM-glutarimide, a novel piperidine derived from the antibiotic 9-methylstreptimidone. <i>Inflammation Research</i> , 2011, 60, 879-888.	4.0	31
43	Control of Allograft Rejection by Applying a Novel Nuclear Factor- κ B Inhibitor, Dehydroxymethylepoxyquinomicin. <i>Transplantation</i> , 2006, 82, 1720-1727.	1.0	29
44	Therapeutic activity of plant-derived alkaloid conophylline on metabolic syndrome and neurodegenerative disease models. <i>Human Cell</i> , 2018, 31, 95-101.	2.7	29
45	Induction of Indoleamine 2, 3-Dioxygenase in Human Dendritic Cells by a Cholera Toxin B Subunit-Proinsulin Vaccine. <i>PLoS ONE</i> , 2015, 10, e0118562.	2.5	28
46	Biosynthesis of polyoxypeptin A: novel amino acid 3-hydroxy-3-methylproline derived from isoleucine. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1550-1553.	1.3	27
47	NF- κ B inhibitor dehydroxymethylepoxyquinomicin suppresses osteoclastogenesis and expression of NFATc1 in mouse arthritis without affecting expression of RANKL, osteoprotegerin or macrophage colony-stimulating factor. <i>Arthritis Research and Therapy</i> , 2007, 9, R97.	3.5	27
48	Inhibition of Late and Early Phases of Cancer Metastasis by the NF- κ B Inhibitor DHMEQ Derived from Microbial Bioactive Metabolite Epoxyquinomicin: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 729.	4.1	26
49	Synthesis and biological evaluation on novel analogs of 9-methylstreptimidone, an inhibitor of NF- κ B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1726-1728.	2.2	25
50	Involvement of DNA binding domain in the cellular stability and importin affinity of NF- κ B component RelB. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3053.	2.8	25
51	Isolation of a novel substrate-competitive tyrosine kinase inhibitor, desmal, from the plant <i>Desmos chinensis</i> . <i>FEBS Letters</i> , 1993, 320, 169-172.	2.8	24
52	Inhibition of Cyclin D1 Expression and Induction of Apoptosis by Inostamycin in Small Cell Lung Carcinoma Cells. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 315-322.	1.7	23
53	Strategic targeting of the PI3K-NF- κ B axis in cisplatin-resistant NSCLC. <i>Cancer Biology and Therapy</i> , 2014, 15, 1367-1377.	3.4	23
54	Conophylline inhibits high fat diet-induced non-alcoholic fatty liver disease in mice. <i>PLoS ONE</i> , 2019, 14, e0210068.	2.5	23

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55	Conophylline suppresses hepatic stellate cells and attenuates thioacetamide-induced liver fibrosis in rats. <i>Liver International</i> , 2014, 34, 1057-1067.	3.9	22
56	Activation and cleavage of SASH1 by caspase-3 mediates an apoptotic response. <i>Cell Death and Disease</i> , 2016, 7, e2469-e2469.	6.3	22
57	Inhibition of MMP-2-mediated cellular invasion by NF- κ B inhibitor DHMEQ in 3D culture of breast carcinoma MDA-MB-231 cells: A model for early phase of metastasis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 76-81.	2.1	22
58	Combined effect of dehydroxymethylepoxyquinomicin and gemcitabine in a mouse model of liver metastasis of pancreatic cancer. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 381-392.	3.3	21
59	Caspase-3 Activation Is Not Responsible for Vinblastine-induced Bcl-2 Phosphorylation and G2/M Arrest in Human Small Cell Lung Carcinoma Ms-1 Cells. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 940-946.	1.7	20
60	Induction of apoptosis in Epstein-Barr virus-infected B-lymphocytes by the NF- κ B inhibitor DHMEQ. <i>Microbes and Infection</i> , 2008, 10, 748-756.	1.9	20
61	Efficient synthesis of (Δ^{\pm})-parasitenone, a novel inhibitor of NF- κ B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5383-5386.	2.2	19
62	Efficient Cellular Uptake of the Novel NF- κ B Inhibitor (Δ^{\pm})-DHMEQ and Irreversible Inhibition of NF- κ B in Neoplastic Cells. <i>Oncology Research</i> , 2009, 18, 529-535.	1.5	19
63	Conophylline inhibits non-alcoholic steatohepatitis in mice. <i>PLoS ONE</i> , 2017, 12, e0178436.	2.5	19
64	Effects of tyrosine kinase inhibitor, erbstatin, on cell growth and growth-factor/receptor gene expression in human gastric carcinoma cells. <i>International Journal of Cancer</i> , 1991, 47, 938-942.	5.1	18
65	Isolation of Heptadepsin, a Novel Bacterial Cyclic Depsipeptide that Inhibits Lipopolysaccharide Activity. <i>Chemistry and Biology</i> , 2004, 11, 1059-1070.	6.0	18
66	Donor Pretreatment with DHMEQ Improves Islet Transplantation. <i>Journal of Surgical Research</i> , 2010, 163, e23-e34.	1.6	18
67	Growth Inhibitory Effects of Dipotassium Glycyrrhizinate in Glioblastoma Cell Lines by Targeting MicroRNAs Through the NF- κ B Signaling Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 216.	3.7	18
68	Potent Cytotoxic Effect of a Novel Nuclear Factor- κ B Inhibitor Dehydroxymethylepoxyquinomicin on Human Bladder Cancer Cells Producing Various Cytokines. <i>Urology</i> , 2010, 75, 805-812.	1.0	17
69	Inhibition of MMP-2-Mediated Mast Cell Invasion by NF- κ B Inhibitor DHMEQ in Mast Cells. <i>International Archives of Allergy and Immunology</i> , 2015, 166, 84-90.	2.1	17
70	Induction of morphological change by tyrosine kinase inhibitors in Rous sarcoma virus-transformed rat kidney cells. <i>FEBS Letters</i> , 1991, 279, 132-136.	2.8	16
71	Synthesis and Structure-Activity Relationship of Dehydroxymethylepoxyquinomicin Analogues as Inhibitors of NF- κ B Functions. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3933-3939.	3.0	16
72	Inhibition of inflammatory mediator secretion by (Δ^{\pm})-DHMEQ in mouse bone marrow-derived macrophages. <i>Biomedicine and Pharmacotherapy</i> , 2009, 63, 351-358.	5.6	16

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73	The NF- κ B inhibitor DHMEQ decreases survival factors, overcomes the protective activity of microenvironment and synergizes with chemotherapy agents in classical Hodgkin lymphoma. <i>Cancer Letters</i> , 2014, 349, 26-34.	7.2	16
74	Inhibition of epidermal growth factor receptor functions by tyrosine kinase inhibitors in NIH3T3 cells. <i>FEBS Letters</i> , 1992, 314, 289-292.	2.8	15
75	Unusual intramolecular N-acyl group migration occurring during conjugation of (E)-DHMEQ with cysteine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5380-5382.	2.2	15
76	Determination of topological structure of ARL6ip1 in cells: Identification of the essential binding region of ARL6ip1 for conophylline. <i>FEBS Letters</i> , 2013, 587, 3656-3660.	2.8	15
77	Efficacy of DHMEQ, a NF- κ B Inhibitor, in Islet Transplantation. <i>Transplantation</i> , 2013, 96, 454-462.	1.0	15
78	Amelioration of Severe TNBS Induced Colitis by Novel AP-1 and NF- κ B Inhibitors in Rats. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	15
79	Inhibition of cellular inflammatory mediator production and amelioration of learning deficit in flies by deep sea <i>Aspergillus</i> -derived cyclophenin. <i>Journal of Antibiotics</i> , 2020, 73, 622-629.	2.0	15
80	Chemoenzymatic synthesis of (2S,3S,4S)-form, the physiologically active stereoisomer of dehydroxymethylepoxyquinomicin (DHMEQ), a potent inhibitor on NF- κ B. <i>Tetrahedron</i> , 2010, 66, 7083-7087.	1.9	14
81	Topical application of dehydroxymethylepoxyquinomicin improves allergic inflammation via NF- κ B inhibition. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 400-403.	2.9	14
82	Effect of a Novel Nuclear Factor- κ B Activation Inhibitor on Renal Ischemia-Reperfusion Injury. <i>Transplantation</i> , 2013, 96, 863-870.	1.0	14
83	External application of NF- κ B inhibitor DHMEQ suppresses development of atopic dermatitis-like lesions induced with DNCB/OX in BALB/c mice. <i>Immunopharmacology and Immunotoxicology</i> , 2017, 39, 157-164.	2.4	14
84	Inhibition of matrix metalloproteinase expression and cellular invasion by NF- κ B inhibitors of microbial origin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140412.	2.3	14
85	Long-lasting Accumulation of Vinblastine in Inostamycin-treated Multidrug-resistant KB Cells. <i>Japanese Journal of Cancer Research</i> , 1991, 82, 1160-1164.	1.7	13
86	Potential of Paclitaxel Cytotoxicity by Inostamycin in Human Small Cell Lung Carcinoma, Ms-1 Cells. <i>Japanese Journal of Cancer Research</i> , 1998, 89, 970-976.	1.7	13
87	Novel approaches to target cancer initiating cells—Eliminating the root of the cancer. <i>Advances in Biological Regulation</i> , 2012, 52, 249-264.	2.3	13
88	Migracins A and B, new inhibitors of cancer cell migration, produced by <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2013, 66, 225-230.	2.0	13
89	Isolation of a novel paxilline analog pyrapaxilline from fungus that inhibits LPS-induced NO production. <i>Journal of Antibiotics</i> , 2014, 67, 787-790.	2.0	13
90	Inhibition of Canonical NF- κ B Nuclear Localization by (E)-DHMEQ via Impairment of DNA Binding. <i>Oncology Research</i> , 2015, 22, 105-115.	1.5	13

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91	Anti-Inflammatory Effect of Dehydroxymethylepoxyquinomicin, a Nuclear factor- κ B Inhibitor, on Endotoxin-Induced Uveitis in Rats In vivo and In vitro. <i>Ocular Immunology and Inflammation</i> , 2020, 28, 240-248.	1.8	13
92	Conophylline Inhibits Hepatocellular Carcinoma by Inhibiting Activated Cancer-associated Fibroblasts Through Suppression of G Protein-coupled Receptor 68. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1019-1028.	4.1	13
93	Inhibition of NF-Kappa B Activation by 9-Methylstreptimidone Isolated from <i>Streptomyces</i> . <i>Heterocycles</i> , 2006, 69, 377.	0.7	13
94	Inhibition of NF-Kappa B Activation by Penicillic Acid and Dihydropenicillic Acid Isolated from Fungi. <i>Heterocycles</i> , 2008, 76, 1561.	0.7	13
95	Chemoenzymatic synthesis of (2R,3R,4R)-dehydroxymethylepoxyquinomicin (DHMEQ), a new activator of antioxidant transcription factor Nrf2. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4635.	2.8	12
96	Enteroendocrine cells, stem cells and differentiation progenitors in rats with TNBS-induced colitis. <i>International Journal of Molecular Medicine</i> , 2016, 38, 1743-1751.	4.0	12
97	Isolation and Characterization of New Anti-Inflammatory and Antioxidant Components from Deep Marine-Derived Fungus <i>Myrothecium</i> sp. Bzo-l062. <i>Marine Drugs</i> , 2020, 18, 597.	4.6	12
98	Synthesis of sugar-modified derivatives of the unusual nucleoside oxanosine and its carbocyclic analogs as potential inhibitors of HIV. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 298-304.	1.3	11
99	Preparation of conophylline affinity nano-beads and identification of a target protein. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6188-6195.	3.0	11
100	Rational design, synthesis and in vitro evaluation of novel exo-methylene butyrolactone salicyloylamide as NF- κ B inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 562-566.	2.2	11
101	Inostamycin, an Inhibitor of P-Glycoprotein Function, Interacts Specifically with Phosphatidylethanolamine. <i>Japanese Journal of Cancer Research</i> , 1995, 86, 873-878.	1.7	10
102	Anoikis Induction and Inhibition of Peritoneal Metastasis of Pancreatic Cancer Cells by a Nuclear Factor- κ B Inhibitor, (âˆš)-DHMEQ. <i>Oncology Research</i> , 2014, 21, 333-343.	1.5	10
103	Poly (ADP-ribose) polymerase inhibition synergizes with the NF- κ B inhibitor DHMEQ to kill hepatocellular carcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2662-2673.	4.1	10
104	A nuclear factor- κ B inhibitor, dehydroxymethylepoxyquinomicin, ameliorates GVHD in allogeneic bone marrow transplantation. <i>Immunobiology</i> , 2015, 220, 1059-1066.	1.9	10
105	Effects of AP-1 and NF- κ B inhibitors on colonic endocrine cells in rats with TNBS-induced colitis. <i>Molecular Medicine Reports</i> , 2016, 14, 1515-1522.	2.4	10
106	Anti-inflammatory effects of novel AP-1 and NF- κ B inhibitors in dextran-sulfate-sodium-induced colitis in rats. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1457-1464.	4.0	10
107	Treatment with novel AP-1 and NF- κ B inhibitors restores the colonic endocrine cells to normal levels in rats with DSS-induced colitis. <i>International Journal of Molecular Medicine</i> , 2016, 37, 556-564.	4.0	10
108	Inhibition of Cellular and Animal Inflammatory Disease Models by NF- κ B Inhibitor DHMEQ. <i>Cells</i> , 2021, 10, 2271.	4.1	10

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109	Induction of Apoptosis in Human Pancreatic Carcinoma Cells by a Synthetic Bleomycin-like Ligand. Japanese Journal of Cancer Research, 1998, 89, 947-953.	1.7	9
110	Synthesis of the indole core structures of conophylline. Journal of Heterocyclic Chemistry, 2008, 45, 1803-1808.	2.6	9
111	NF- κ B and STAT3 co-operation enhances high glucose induced aggressiveness of cholangiocarcinoma cells. Life Sciences, 2020, 262, 118548.	4.3	9
112	Anticancer Activity of Novel NF-B Inhibitor DHMEQ by Intraperitoneal Administration. Oncology Research, 2020, 28, 541-550.	1.5	9
113	Immunosuppressive Effects of DTCM-G, a Novel Inhibitor of the mTOR Downstream Signaling Pathway. Transplantation, 2013, 95, 542-550.	1.0	8
114	Inhibition of receptor activator of nuclear factor- κ B ligand- or lipopolysaccharide-induced osteoclast formation by conophylline through downregulation of CREB. Immunology Letters, 2014, 161, 31-37.	2.5	8
115	Inhibition of RANKL- and LPS-induced osteoclast differentiations by novel NF- κ B inhibitor DTCM-glutarimide. International Immunopharmacology, 2015, 25, 162-168.	3.8	8
116	Abnormal differentiation of stem cells into enteroendocrine cells in rats with DSS-induced colitis. Molecular Medicine Reports, 2017, 15, 2106-2112.	2.4	8
117	Novel p-terphenyl glycoside with a rare 2,6-dideoxyhexopyranose moiety from Actinomycete strain SF2911 that inhibits cancer cell migration. Journal of Antibiotics, 2017, 70, 987-990.	2.0	8
118	NF- κ B inhibitor DHMEQ inhibits titanium dioxide nanoparticle-induced interleukin-1 β production: Inhibition of the PM2.5-induced inflammation model. Molecular Medicine Reports, 2018, 18, 5279-5285.	2.4	8
119	Inhibition of IGF-1-Mediated Cellular Migration and Invasion by Migracin A in Ovarian Clear Cell Carcinoma Cells. PLoS ONE, 2015, 10, e0137663.	2.5	8
120	Peritoneal NF- κ B as a Possible Molecular Target for Suppression of Various Cancers and Inflammation. Forum on Immunopathological Diseases and Therapeutics, 2013, 4, 63-77.	0.1	8
121	Anti-inflammatory effects of the NF- κ B inhibitor dehydroxymethylepoxyquinomicin on ARPE-19 cells. Molecular Medicine Reports, 2020, 22, 582-590.	2.4	8
122	Survivin associates with cell proliferation in renal cancer cells: regulation of survivin expression by insulin-like growth factor-1, interferon-gamma and a novel NF-kappaB inhibitor. International Journal of Oncology, 2006, 28, 841-6.	3.3	8
123	Apoptosis in Mouse Amniotic Epithelium Is Induced by Activated Macrophages Through the TNF Receptor Type 1/TNF Pathway. Biology of Reproduction, 2011, 84, 248-254.	2.7	7
124	Inhibition of NF-kappaB with Dehydroxymethylepoxyquinomicin modifies the function of human peritoneal mesothelial cells. American Journal of Translational Research (discontinued), 2016, 8, 5756-5765.	0.0	7
125	A simple and reliable method for determining plasma concentration of dehydroxymethylepoxyquinomicin by high performance liquid chromatography with mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 871, 32-36.	2.3	6
126	Involvement of conserved tryptophan residues for secretion of TIMP-2. Oncology Letters, 2014, 7, 631-634.	1.8	6

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127	Inhibition of NO-induced \hat{I}^2 -cell death by novel NF- \hat{I}^B inhibitor ($\hat{\alpha}$) ² -DHMEQ via activation of Nrf2 $\hat{\alpha}$ ARE pathway. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 181-187.	2.1	5
128	Activation of apoptosis by caspase-3-dependent specific RelB cleavage in anticancer agent-treated cancer cells: Involvement of positive feedback mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 810-814.	2.1	5
129	Isolation of ketomycin from Actinomycetes as an inhibitor of 2D and 3D cancer cell invasion. <i>Journal of Antibiotics</i> , 2019, 72, 148-154.	2.0	5
130	Virucidal effect of monogalactosyl diacylglyceride from a green microalga, <i>Coccomyxa</i> sp. KJ, against clinical isolates of SARS $\hat{\alpha}$ CoV $\hat{\alpha}$ 2 as assessed by a plaque assay. <i>Journal of Clinical Laboratory Analysis</i> , 2021, , e24146.	2.1	5
131	Biosynthesis of the Lipophilic Side Chain in the Cyclic Hexadepsipeptide Antibiotic IC101. <i>Journal of Natural Products</i> , 2002, 65, 1953-1955.	3.0	4
132	Comparison of anti-atopic dermatitis activities between DHMEQ and tacrolimus ointments in mouse model without stratum corneum. <i>International Immunopharmacology</i> , 2019, 71, 43-51.	3.8	4
133	Dehydroxymethylepoxyquinomicin, a novel nuclear factor- \hat{I}^B inhibitor, prevents the development of cyclosporine A nephrotoxicity in a rat model. <i>BMC Pharmacology & Toxicology</i> , 2020, 21, 60.	2.4	4
134	Clinical application of ammonia emanating from severe burn patients during critical care. <i>Journal of Japan Association on Odor Environment</i> , 2016, 47, 421-429.	0.0	4
135	Herbimycin A Suppresses the Reduction of Gap-junctional Intercellular Communication Induced by Tumor-promoting Phorbol Ester in 3T3-L1 Cells. <i>Japanese Journal of Cancer Research</i> , 1989, 80, 855-860.	1.7	3
136	Screening of new bioactive metabolites for diabetes therapy. <i>Internal and Emergency Medicine</i> , 2013, 8, 57-59.	2.0	3
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