

Mei-Chin Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Antileukemic and Anti-Prostatic Effect of Aeroplysinin-1 Is Mediated through ROS-Induced Apoptosis via NOX Activation and Inhibition of HIF-1 α Activity. <i>Life</i> , 2022, 12, 687.	2.4	12
2	New secondary metabolite with cytotoxicity from spawning soft coral <i>Asterospicularia laurae</i> in Taiwan. <i>Natural Product Research</i> , 2021, 35, 967-975.	1.8	9
3	A Marine Terpenoid, Heteronemin, Induces Both the Apoptosis and Ferroptosis of Hepatocellular Carcinoma Cells and Involves the ROS and MAPK Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	79
4	Effect of Estrogen on Heteronemin-Induced Anti-proliferative Effect in Breast Cancer Cells With Different Estrogen Receptor Status. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 688607.	3.7	8
5	The Configuration-Dependent Anti-Leukemic Effect of Manoalide Stereoisomers: Reignite Research Interest in these Sponge-Derived Sesterterpenoids. <i>Bioorganic Chemistry</i> , 2021, 114, 105150.	4.1	3
6	The Antileukemic Effect of Xestoquinone, A Marine-Derived Polycyclic Quinone-Type Metabolite, Is Mediated through ROS-Induced Inhibition of HSP-90. <i>Molecules</i> , 2021, 26, 7037.	3.8	6
7	The Anti-Proliferative Activity of Secondary Metabolite from the Marine <i>Streptomyces</i> sp. against Prostate Cancer Cells. <i>Life</i> , 2021, 11, 1414.	2.4	9
8	13-Acetoxy sarcocrossolidol Exhibits Cytotoxic Activity against Oral Cancer Cells through the Interruption of the Keap1/Nrf2/p62/SQSTM1 Pathway: The Need to Move Beyond Classical Concepts. <i>Marine Drugs</i> , 2020, 18, 382.	4.6	23
9	Probing Anti-Proliferative 24-Homoscalaranes from a Sponge <i>Lendenfeldia</i> sp.. <i>Marine Drugs</i> , 2020, 18, 76.	4.6	7
10	The Antioxidant from Ethanolic Extract of <i>Rosa cymosa</i> Fruits Activates Phosphatase and Tensin Homolog In Vitro and In Vivo: A New Insight on Its Antileukemic Effect. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1935.	4.1	16
11	Cladieunicellin T, a New Eunicellin-based Diterpenoid Produced by the Octocoral <i>Cladiella</i> sp. <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.5	1
12	Antimicrobial activity and diversity of bacteria associated with Taiwanese marine sponge <i>Theonella swinhoei</i> . <i>Annals of Microbiology</i> , 2019, 69, 253-265.	2.6	22
13	Chemical evaluation and cytotoxic mechanism investigation of <i>Clinacanthus nutans</i> extract in lymphoma SUP H1 cells. <i>Environmental Toxicology</i> , 2018, 33, 1229-1236.	4.0	12
14	Aquaculture Soft Coral <i>Lobophytum crassum</i> as a Producer of Anti-Proliferative Cembranoids. <i>Marine Drugs</i> , 2018, 16, 15.	4.6	17
15	Isoaaptamine Induces T-47D Cells Apoptosis and Autophagy via Oxidative Stress. <i>Marine Drugs</i> , 2018, 16, 18.	4.6	35
16	Heteronemin, a Marine Sesterterpenoid-Type Metabolite, Induces Apoptosis in Prostate LNCap Cells via Oxidative and ER Stress Combined with the Inhibition of Topoisomerase II and Hsp90. <i>Marine Drugs</i> , 2018, 16, 204.	4.6	43
17	Breaking down Leukemia Walls: Heteronemin, a Sesterterpene Derivative, Induces Apoptosis in Leukemia Molt4 Cells through Oxidative Stress, Mitochondrial Dysfunction and Induction of Talin Expression. <i>Marine Drugs</i> , 2018, 16, 212.	4.6	24
18	Elucidating Mechanisms of Bladder Repair after Hyaluronan Instillation in Ketamine-Induced Ulcerative Cystitis in Animal Model. <i>American Journal of Pathology</i> , 2017, 187, 1945-1959.	3.8	28

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19	Bafilomycins N and O, novel cytotoxic bafilomycin analogues produced by <i>Streptomyces</i> sp. GIC10-1 isolated from marine sponge <i>Theonella</i> sp.. <i>Tetrahedron</i> , 2017, 73, 5170-5175.	1.9	7
20	Pseudoalteromone C: A Novel Ubichromenol Derivative from Bacterium <i>Pseudoalteromonas</i> sp. CGH2XX Isolated from the Cultured-type Octocoral <i>Lobophytum crassum</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	0
21	Isoprenoids from the Soft Coral <i>Sarcophyton glaucum</i> . <i>Marine Drugs</i> , 2017, 15, 202.	4.6	23
22	Oxytoxin-2, An Algal-Derived Molecule from a Cultured Mollusc <i>Volvatella vigourouxi</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601101.	0.5	0
23	ATR-Chk1 signaling inhibition as a therapeutic strategy to enhance cisplatin chemosensitivity in urothelial bladder cancer. <i>Oncotarget</i> , 2016, 7, 1947-1959.	1.8	24
24	Columnaristerol A, a novel 19-norsteroid from the Formosan octocoral <i>Nephthea columnaris</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4966-4969.	2.2	7
25	Bafilomycin M, a new cytotoxic bafilomycin produced by a <i>Streptomyces</i> sp. isolated from a marine sponge <i>Theonella</i> sp.. <i>Tetrahedron Letters</i> , 2016, 57, 4863-4865.	1.4	10
26	Cladieunicellins R and S, new eunicellins from the Formosan octocoral <i>Cladiella tuberculosa</i> . <i>Tetrahedron Letters</i> , 2016, 57, 4239-4242.	1.4	12
27	Antileukemic Scalarane Sesterterpenoids and Meroditerpenoid from <i>Carteriospongia</i> (<i>Phyllospongia</i>) sp., Induce Apoptosis via Dual Inhibitory Effects on Topoisomerase II and Hsp90. <i>Scientific Reports</i> , 2016, 6, 36170.	3.3	32
28	Cytotoxic Lanostanoids from <i>Poria cocos</i> . <i>Journal of Natural Products</i> , 2016, 79, 2805-2813.	3.0	32
29	Glaucumolides A and B, Biscembranoids with New Structural Type from a Cultured Soft Coral <i>Sarcophyton glaucum</i> . <i>Scientific Reports</i> , 2015, 5, 15624.	3.3	36
30	Cytotoxic Monocarbocyclic Sesterterpenoids from a Marine Sponge <i>Luffariella</i> sp.. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 176-182.	3.2	5
31	New Anti-Inflammatory Cembranes from the Cultured Soft Coral <i>Nephthea columnaris</i> . <i>Marine Drugs</i> , 2015, 13, 3443-3453.	4.6	26
32	New Scalarane Sesterterpenoids from the Formosan Sponge <i>Ircinia felix</i> . <i>Marine Drugs</i> , 2015, 13, 4296-4309.	4.6	19
33	New Cytotoxic 24-Homoscalarane Sesterterpenoids from the Sponge <i>Ircinia felix</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 21950-21958.	4.1	10
34	New Cembranoid Diterpenes from the Cultured Octocoral <i>Nephthea columnaris</i> . <i>Molecules</i> , 2015, 20, 13205-13215.	3.8	16
35	Role of Exogenous Hsp72 on Liver Dysfunction during Sepsis. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	8
36	Trocheliolide A, a Hydroperoxycembranoidal Diterpene from the Octocoral <i>Sarcophyton trocheliophorum</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	4

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37	Tackling the Cytotoxic Effect of a Marine Polycyclic Quinone-Type Metabolite: Halenaquinone Induces Molt 4 Cells Apoptosis via Oxidative Stress Combined with the Inhibition of HDAC and Topoisomerase Activities. <i>Marine Drugs</i> , 2015, 13, 3132-3153.	4.6	19
38	Release of endogenous heat shock protein 72 on the survival of sepsis in rats. <i>Journal of Surgical Research</i> , 2015, 198, 165-174.	1.6	5
39	Norcembranoidal Diterpenes from the Cultured-Type Octocoral <i>Sinularia numerosa</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 3298-3306.	4.1	11
40	Ketamine-induced ulcerative cystitis and bladder apoptosis involve oxidative stress mediated by mitochondria and the endoplasmic reticulum. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F318-F331.	2.7	52
41	New alkaloids from Formosan zoanthid <i>Zoanthus kuroshio</i> . <i>Tetrahedron</i> , 2015, 71, 8601-8606.	1.9	16
42	Cladieunicellins Mâ€“Q, New Eunicellins from <i>Cladiella</i> sp.. <i>Marine Drugs</i> , 2014, 12, 2144-2155.	4.6	13
43	Cladieunicellin J, a New Hydroperoxyeunicellin from <i>Cladiella</i> sp. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	2
44	Pregnane-Type Steroids from the Formosan Soft Coral <i>Scleronephthya flexilis</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 10136-10149.	4.1	13
45	Krempfielins Q and R, Two New Eunicellin-Based Diterpenoids from the Soft Coral <i>Cladiella krempfi</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 21865-21874.	4.1	11
46	Structure Elucidation and Cytotoxic Evaluation of New Polyacetylenes from a Marine Sponge <i>Petrosia</i> sp.. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16511-16521.	4.1	7
47	Cracking the Cytotoxicity Code: Apoptotic Induction of 10-Acetylirciformonin B is Mediated through ROS Generation and Mitochondrial Dysfunction. <i>Marine Drugs</i> , 2014, 12, 3072-3090.	4.6	34
48	New Nitrogenous Bisabolene-Type Sesquiterpenes from a Formosan Sponge <i>Axinyssa</i> sp.. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 392-394.	1.3	6
49	Cytotoxic Polyacetylenes from a Formosan Marine Sponge <i>Callyspongia</i> sp.. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1231-1234.	3.2	5
50	Cladieunicellin J, a new hydroperoxyeunicellin from <i>cladiella</i> sp. <i>Natural Product Communications</i> , 2014, 9, 613-4.	0.5	7
51	New approach to the characterization and quantification of <i>Antrodia cinnamomea</i> benzenoid components utilizing HPLC-PDA, qNMR and HPLC-tandem MS: Comparing the wild fruiting bodies and its artificial cultivated commercial products. <i>Food Research International</i> , 2013, 51, 23-31.	6.2	12
52	Secondary Metabolites from the Soft Coral <i>Sinularia arborea</i> . <i>Marine Drugs</i> , 2013, 11, 3372-3380.	4.6	15
53	Flexibilins Aâ€“C, New Cembrane-Type Diterpenoids from the Formosan Soft Coral, <i>Sinularia flexibilis</i> . <i>Marine Drugs</i> , 2013, 11, 1999-2012.	4.6	16
54	Recent research and development of <i>Antrodia cinnamomea</i> . , 2013, 139, 124-156.		147

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55	Cladieunicellins K and L, New Eunicellin-Based Diterpenoids from an Octocoral <i>Cladiella</i> sp.. International Journal of Molecular Sciences, 2013, 14, 21781-21789.	4.1	19
56	Immunomodulatory Effect of Marine Cembrane-Type Diterpenoids on Dendritic Cells. Marine Drugs, 2013, 11, 1336-1350.	4.6	27
57	Towards the Small and the Beautiful: A Small Dibromotyrosine Derivative from <i>Pseudoceratina</i> sp. Sponge Exhibits Potent Apoptotic Effect through Targeting IKK/NF κ B Signaling Pathway. Marine Drugs, 2013, 11, 3168-3185.	4.6	33
58	5-Episinuleptolide Acetate, a Norcembranoidal Diterpene from the Formosan Soft Coral <i>Sinularia</i> sp., Induces Leukemia Cell Apoptosis through Hsp90 Inhibition. Molecules, 2013, 18, 2924-2933.	3.8	24
59	Discovery of New Eunicellin-Based Diterpenoids from a Formosan Soft Coral <i>Cladiella</i> sp.. Marine Drugs, 2013, 11, 4585-4593.	4.6	20
60	A New 5 β ,8 β -Epidioxysterol from the Soft Coral <i>Sinularia gaweli</i> . Molecules, 2013, 18, 2895-2903.	3.8	13
61	Cytotoxic Scalarane Sesterterpenoids from a Marine Sponge <i>Hippospongia</i> sp. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	2
62	Echinohalimane A, a Bioactive Halimane-Type Diterpenoid from a Formosan Gorgonian <i>Echinomuricea</i> sp. (Plexauridae). Marine Drugs, 2012, 10, 2246-2253.	4.6	17
63	10-Acetylrirciformonin B, A Sponge Furanoterpenoid, Induces DNA Damage and Apoptosis in Leukemia Cells. Molecules, 2012, 17, 11839-11848.	3.8	19
64	Bioactive Compounds from a Gorgonian Coral <i>Echinomuricea</i> sp. (Plexauridae). Marine Drugs, 2012, 10, 1169-1179.	4.6	16
65	Cytotoxic Sesterterpenoids from a Sponge <i>Hippospongia</i> sp.. Marine Drugs, 2012, 10, 987-997.	4.6	39
66	Isolation of marine bacteria with antimicrobial activities from cultured and field-collected soft corals. World Journal of Microbiology and Biotechnology, 2012, 28, 3269-3279.	3.6	47
67	4-Methylenesterols from a Sponge <i>Theonella swinhoei</i> . Marine Drugs, 2012, 10, 1536-1544.	4.6	15
68	Two New Cembrane-Based Diterpenoids from the Marine Soft Coral <i>Sinularia crassa</i> . Molecules, 2012, 17, 5422-5429.	3.8	12
69	Echinoclerodane A: A New Bioactive Clerodane-Type Diterpenoid from a Gorgonian Coral <i>Echinomuricea</i> sp.. Molecules, 2012, 17, 9443-9450.	3.8	13
70	Norcembranoidal Diterpenes from a Formosan Soft Coral <i>Sinularia</i> sp.. Molecules, 2012, 17, 14058-14066.	3.8	17
71	Triangulene C, A New Cubitane-Based Diterpenoid from the Soft Coral <i>Sinularia Triangula</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
72	Chemical profiling of the cytotoxic triterpenoid-concentrating fraction and characterization of ergostane stereo-isomer ingredients from <i>Antrodia camphorata</i> . Journal of Pharmaceutical and Biomedical Analysis, 2012, 58, 182-192.	2.8	38

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73	Pseudoalteromone A: a novel bioactive ubiquinone from a marine bacterium <i>Pseudoalteromonas</i> sp. CGH2XX (Pseudoalteromonadaceae). <i>Tetrahedron Letters</i> , 2012, 53, 1675-1677.	1.4	19
74	Antileukemia component, dehydroeburicoic acid from <i>Antrodia camphorata</i> induces DNA damage and apoptosis in vitro and in vivo models. <i>Phytomedicine</i> , 2012, 19, 788-796.	5.3	36
75	Cytotoxic C ₂₁ and C ₂₂ Terpenoid-Derived Metabolites from the Sponge <i>Ircinia</i> sp.. <i>Journal of Natural Products</i> , 2011, 74, 2005-2009.	3.0	26
76	Lobocrassins A-E: New Cembrane-Type Diterpenoids from the Soft Coral <i>Lobophytum crassum</i> . <i>Marine Drugs</i> , 2011, 9, 1319-1331.	4.6	34
77	Discovery of New Eunicellins from an Indonesian Octocoral <i>Cladiella</i> sp.. <i>Marine Drugs</i> , 2011, 9, 934-943.	4.6	25
78	Natural Product Chemistry of Gorgonian Corals of Genus <i>Junceella</i> Part II. <i>Marine Drugs</i> , 2011, 9, 2773-2792.	4.6	16
79	Rumphellclovane B, a Novel Clovane Analogue from the Gorgonian Coral <i>Rumphella antipathies</i> . <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 119-121.	3.2	18
80	(-)-Hydroxyindestrenolide, a New Sesquiterpenoid from a Gorgonian Coral <i>Menella</i> sp. (Plexauridae). <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1048-1050.	1.3	15
81	Sinutriangulin A, a novel diterpenoid from the soft coral <i>Sinularia triangula</i> . <i>Tetrahedron Letters</i> , 2011, 52, 5869-5871.	1.4	13
82	Selective targeting of breast cancer cells through ROS-mediated mechanisms potentiates the lethality of paclitaxel by a novel diterpene, gelomulide K. <i>Free Radical Biology and Medicine</i> , 2011, 51, 641-657.	2.9	41
83	Excavatoids O and P, New 12-Hydroxybriaranes from the Octocoral <i>Briareum excavatum</i> . <i>Marine Drugs</i> , 2010, 8, 2639-2646.	4.6	17
84	Active extracts of wild fruiting bodies of <i>Antrodia camphorata</i> (EEAC) induce leukemia HL 60 cells apoptosis partially through histone hypoacetylation and synergistically promote anticancer effect of trichostatin A. <i>Archives of Toxicology</i> , 2009, 83, 121-129.	4.2	51
85	Immunostimulatory effect of <i>Antrodia camphorata</i> extract on functional maturation of dendritic cells. <i>Food Chemistry</i> , 2009, 113, 1049-1057.	8.2	36
86	Cytotoxicity of calotropin is through caspase activation and downregulation of anti-apoptotic proteins in K562 cells. <i>Cell Biology International</i> , 2009, 33, 1230-1236.	3.0	19
87	Cytotoxic Triterpenoids from the Stems of <i>Microtropis japonica</i> . <i>Journal of Natural Products</i> , 2009, 72, 1231-1236.	3.0	38
88	Lupane-Type Triterpenoids from <i>Microtropis fokienensis</i> and <i>Perrottetia arisanensis</i> and the Apoptotic Effect of 28-Hydroxy-3-oxo-lup-20(29)-en-30-al. <i>Journal of Natural Products</i> , 2008, 71, 1352-1357.	3.0	31
89	New Benzoyl Glucosides and Cytotoxic Pterisin Sesquiterpenes from <i>Pteris ensiformis</i> Burm.. <i>Molecules</i> , 2008, 13, 255-266.	3.8	49
90	Effects of cardiotoxin III on expression of genes and proteins related to G2/M arrest and apoptosis in K562 cells. <i>Molecular and Cellular Biochemistry</i> , 2007, 300, 185-190.	3.1	8

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91	Induction of G2/M phase arrest by squamocin in chronic myeloid leukemia (K562) cells. Life Sciences, 2006, 78, 2378-2383.	4.3	28
92	MECHANISMS OF CARDIOTOXIN III-INDUCED APOPTOSIS IN HUMAN COLORECTAL CANCER COLO205 CELLS. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 177-182.	1.9	41
93	Up-regulation of Bax and endonuclease G, and down-modulation of Bcl-XL involved in cardiotoxin III-induced apoptosis in K562 cells. Experimental and Molecular Medicine, 2006, 38, 435-444.	7.7	54
94	CARDIOTOXIN III INDUCES APOPTOSIS IN K562 CELLS THROUGH A MITOCHONDRIAL-MEDIATED PATHWAY. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 515-520.	1.9	36
95	Induction of apoptosis in human leukemia K562 cells by cardiotoxin III. Life Sciences, 2005, 76, 2513-2522.	4.3	34
96	Cardiotoxin III induces apoptosis in T24 cells via reactive oxygen species-independent mitochondrial death pathway. Drug Development Research, 2004, 63, 219-224.	2.9	2