

Mei-Chin Lu

List of Publications by Year in descending order

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97
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent research and development of <i>Antrodia cinnamomea</i> . , 2013, 139, 124-156.		147
2	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
3	Up-regulation of Bax and endonuclease G, and down-modulation of Bcl-XL involved in cardiotoxin III-induced apoptosis in K562 cells. <i>Experimental and Molecular Medicine</i> , 2006, 38, 435-444.	7.7	54
4	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
5	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
6	New Benzoyl Glucosides and Cytotoxic Pterisin Sesquiterpenes from <i>Pteris ensiformis</i> Burm.. <i>Molecules</i> , 2008, 13, 255-266.	3.8	49
7	Isolation of marine bacteria with antimicrobial activities from cultured and field-collected soft corals. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 3269-3279.	3.6	47
8	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
9	MECHANISMS OF CARDIOTOXIN III-INDUCED APOPTOSIS IN HUMAN COLORECTAL CANCER COLO205 CELLS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 177-182.	1.9	41
10	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
11	Cytotoxic Sesterterpenoids from a Sponge <i>Hippospongia</i> sp.. <i>Marine Drugs</i> , 2012, 10, 987-997.	4.6	39
12	Cytotoxic Triterpenoids from the Stems of <i>Microtropis japonica</i> . <i>Journal of Natural Products</i> , 2009, 72, 1231-1236.	3.0	38
13	Chemical profiling of the cytotoxic triterpenoid-concentrating fraction and characterization of ergostane stereo-isomer ingredients from <i>Antrodia camphorata</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 58, 182-192.	2.8	38
14	CARDIOTOXIN III INDUCES APOPTOSIS IN K562 CELLS THROUGH A MITOCHONDRIAL-MEDIATED PATHWAY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 515-520.	1.9	36
15	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
16	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
17	Glucumolides 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
18	Isoaaptamine Induces T-47D Cells Apoptosis and Autophagy via Oxidative Stress. <i>Marine Drugs</i> , 2018, 16, 18.	4.6	35

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19	Induction of apoptosis in human leukemia K562 cells by cardiotoxin III. <i>Life Sciences</i> , 2005, 76, 2513-2522.	4.3	34
20	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
21	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
22	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. <i>Marine Drugs</i> , 2013, 11, 3168-3185.	4.6	33
23	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
24	Cytotoxic Lanostanoids from <i>Poria cocos</i> . <i>Journal of Natural Products</i> , 2016, 79, 2805-2813.	3.0	32
25	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
26	Induction of G2/M phase arrest by squamocin in chronic myeloid leukemia (K562) cells. <i>Life Sciences</i> , 2006, 78, 2378-2383.	4.3	28
27	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
28	Immunomodulatory Effect of Marine Cembrane-Type Diterpenoids on Dendritic Cells. <i>Marine Drugs</i> , 2013, 11, 1336-1350.	4.6	27
29	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
30	New Anti-Inflammatory Cembranes from the Cultured Soft Coral <i>Nephthea columnaris</i> . <i>Marine Drugs</i> , 2015, 13, 3443-3453.	4.6	26
31	Discovery of New Eunicellins from an Indonesian Octocoral <i>Cladiella</i> sp.. <i>Marine Drugs</i> , 2011, 9, 934-943.	4.6	25
32	5-Episinuleptolide Acetate, a Norcembranoidal Diterpene from the Formosan Soft Coral <i>Sinularia</i> sp., Induces Leukemia Cell Apoptosis through Hsp90 Inhibition. <i>Molecules</i> , 2013, 18, 2924-2933.	3.8	24
33	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
34	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
35	Isoprenoids from the Soft Coral <i>Sarcophyton glaucum</i> . <i>Marine Drugs</i> , 2017, 15, 202.	4.6	23
36	13-Acetoxy sarcocrassolide 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

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37	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
38	Discovery of New Eunicellin-Based Diterpenoids from a Formosan Soft Coral <i>Cladiella</i> sp.. <i>Marine Drugs</i> , 2013, 11, 4585-4593.	4.6	20
39	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
40	10-Acetylcirciformonin B, A Sponge Furanoterpenoid, Induces DNA Damage and Apoptosis in Leukemia Cells. <i>Molecules</i> , 2012, 17, 11839-11848.	3.8	19
41	Pseudoalteromone A: a novel bioactive ubiquinone from a marine bacterium <i>Pseudoalteromonas</i> sp. CGH2XX (<i>Pseudoalteromonadaceae</i>). <i>Tetrahedron Letters</i> , 2012, 53, 1675-1677.	1.4	19
42	Cladieunicellins K and L, New Eunicellin-Based Diterpenoids from an Octocoral <i>Cladiella</i> sp.. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21781-21789.	4.1	19
43	New Scalarane Sesterterpenoids from the Formosan Sponge <i>Ircinia felix</i> . <i>Marine Drugs</i> , 2015, 13, 4296-4309.	4.6	19
44	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
45	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
46	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
47	Echinohalimane A, a Bioactive Halimane-Type Diterpenoid from a Formosan Gorgonian <i>Echinomuricea</i> sp. (<i>Plexauridae</i>). <i>Marine Drugs</i> , 2012, 10, 2246-2253.	4.6	17
48	Norcembranoidal Diterpenes from a Formosan Soft Coral <i>Sinularia</i> sp.. <i>Molecules</i> , 2012, 17, 14058-14066.	3.8	17
49	Aquaculture Soft Coral <i>Lobophytum crassum</i> as a Producer of Anti-Proliferative Cembranoids. <i>Marine Drugs</i> , 2018, 16, 15.	4.6	17
50	Natural Product Chemistry of Gorgonian Corals of Genus <i>Junceella</i> —Part II. <i>Marine Drugs</i> , 2011, 9, 2773-2792.	4.6	16
51	Bioactive Compounds from a Gorgonian Coral <i>Echinomuricea</i> sp. (<i>Plexauridae</i>). <i>Marine Drugs</i> , 2012, 10, 1169-1179.	4.6	16
52	Flexibilins A–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
53	New Cembranoid Diterpenes from the Cultured Octocoral <i>Nephthea columnaris</i> . <i>Molecules</i> , 2015, 20, 13205-13215.	3.8	16
54	New alkaloids from Formosan zoanthid <i>Zoanthus kuroshio</i> . <i>Tetrahedron</i> , 2015, 71, 8601-8606.	1.9	16

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55	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
56	(-)-Hydroxylindestrenolide, 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
57	4-Methylenesterols from a Sponge <i>Theonella swinhoei</i> . <i>Marine Drugs</i> , 2012, 10, 1536-1544.	4.6	15
58	Secondary Metabolites from the Soft Coral <i>Sinularia arborea</i> . <i>Marine Drugs</i> , 2013, 11, 3372-3380.	4.6	15
59	Sinutriangulin A, a novel diterpenoid from the soft coral <i>Sinularia triangula</i> . <i>Tetrahedron Letters</i> , 2011, 52, 5869-5871.	1.4	13
60	Echinoclerodane A: A New Bioactive Clerodane-Type Diterpenoid from a Gorgonian Coral <i>Echinomuricea</i> sp.. <i>Molecules</i> , 2012, 17, 9443-9450.	3.8	13
61	A New 5 β ,8 β -Epidioxysterol from the Soft Coral <i>Sinularia gaweli</i> . <i>Molecules</i> , 2013, 18, 2895-2903.	3.8	13
62	Cladieunicellins M-Q, New Eunicellins from <i>Cladiella</i> sp.. <i>Marine Drugs</i> , 2014, 12, 2144-2155.	4.6	13
63	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
64	Two New Cembrane-Based Diterpenoids from the Marine Soft Coral <i>Sinularia crassa</i> . <i>Molecules</i> , 2012, 17, 5422-5429.	3.8	12
65	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
66	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
67	Chemical evaluation and cytotoxic mechanism investigation of <i>Clinacanthus nutans</i> extract in lymphoma SUP-T1 cells. <i>Environmental Toxicology</i> , 2018, 33, 1229-1236.	4.0	12
68	The Antileukemic and Anti-Prostatic Effect of Aeropylsinin-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
69	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
70	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
71	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
72	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

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73	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
74	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
75	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
76	Role of Exogenous Hsp72 on Liver Dysfunction during Sepsis. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	8
77	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
78	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
79	Columnaristerol A, a novel 19-norsterol from the Formosan octocoral <i>Nephthea columnaris</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4966-4969.	2.2	7
80	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
81	Probing Anti-Proliferative 24-Homoscalaranes from a Sponge <i>Lendenfeldia</i> sp.. <i>Marine Drugs</i> , 2020, 18, 76.	4.6	7
82	Cladieunicellin J, a new hydroperoxyeunicellin from <i>cladiella</i> sp. <i>Natural Product Communications</i> , 2014, 9, 613-4.	0.5	7
83	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
84	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
85	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
86	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
87	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
88	Trocheliolide A, a Hydroperoxycembranoidal Diterpene from the Octocoral Sarcophyton <i>trocheliophorum</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	4
89	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
90	Cardiotoxin III induces apoptosis in T24 cells via reactive oxygen species-independent mitochondrial death pathway. <i>Drug Development Research</i> , 2004, 63, 219-224.	2.9	2

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91	Triangulene C, A New Cubitane-Based Diterpenoid from the Soft Coral <i>Sinularia Triangula</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
92	Cytotoxic Scalarane Sesterterpenoids from a Marine Sponge <i>Hippospongia</i> sp. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	2
93	Cladieunicellin J, a New Hydroperoxyeunicellin from <i>Cladiella</i> sp. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	2
94	Cladieunicellin T, a New Eunicellin-based Diterpenoid Produced by the Octocoral <i>Cladiella</i> sp. Natural Product Communications, 2019, 14, 1934578X1901400.	0.5	1
95	Oxytoxin-2, An Algal-Derived Molecule from a Cultured Mollusc <i>Volvatella vigourouxi</i> . Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	0
96	Pseudoalteromone C: A Novel Ubichromenol Derivative from Bacterium <i>Pseudoalteromonas</i> sp. CGH2XX Isolated from the Cultured-type Octocoral <i>Lobophytum crassum</i> . Natural Product Communications, 2017, 12, 1934578X1701201.	0.5	0