

Sheng-Hong Li

List of Publications by Year in descending order

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papers

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361413

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docs citations

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#	ARTICLE	IF	CITATIONS
1	A monocarbocyclic sesterterpenoid biosynthetic precursor of leucosceptroids from <i>Leucosceptrum canum</i> and its metabolic isomerization by a specialist insect. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2209-2214.	4.5	4
2	Characterization of defensive cadinenes and a novel sesquiterpene synthase responsible for their biosynthesis from the invasive <i>Eupatorium adenophorum</i> . <i>New Phytologist</i> , 2021, 229, 1740-1754.	7.3	27
3	The untapped potential of plant sesterterpenoids: chemistry, biological activities and biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 2293-2314.	10.3	26
4	Immunosuppressive and Adipogenesis Inhibitory Sesterterpenoids with a Macrocyclic Ether System from <i>Eurysolen gracilis</i> . <i>Organic Letters</i> , 2021, 23, 2232-2237.	4.6	13
5	Immunosuppressive Sesterterpenoids and Norsesterterpenoids from <i>Colquhounia coccinea</i> var. <i>mollis</i> . <i>Journal of Organic Chemistry</i> , 2021, 86, 11169-11176.	3.2	9
6	Antifeedant, cytotoxic, and anti-inflammatory neo-clerodane diterpenoids in the peltate glandular trichomes and fresh leaves of <i>Ajuga forrestii</i> . <i>Phytochemistry</i> , 2021, 186, 112731.	2.9	9
7	Cloning and Functional Characterization of a Squalene Synthase from <i>Paris polyphylla</i> var. <i>yunnanensis</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100342.	2.1	1
8	Immunosuppressive gentianellane-type sesterterpenoids from the traditional Uighur medicine <i>Gentianella turkestanorum</i> . <i>Phytochemistry</i> , 2021, 187, 112780.	2.9	10
9	An extremely promiscuous terpenoid synthase from the Lamiaceae plant <i>Colquhounia coccinea</i> var. <i>mollis</i> catalyzes the formation of sester-/di-/sesqui-/mono-terpenoids. <i>Plant Communications</i> , 2021, 2, 100233.	7.7	7
10	A Cryptic Plant Terpene Cyclase Producing Unconventional 18- and 14-Membered Macrocyclic C ₂₅ and C ₂₀ Terpenoids with Immunosuppressive Activity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25468-25476.	13.8	14
11	A Cryptic Plant Terpene Cyclase Producing Unconventional 18- and 14-Membered Macrocyclic C ₂₅ and C ₂₀ Terpenoids with Immunosuppressive Activity. <i>Angewandte Chemie</i> , 2021, 133, 25672-25680.	2.0	0
12	Immunostimulatory 6/6/6/6 Tetracyclic Triterpenoid Saponins with the Methyl-30 Incorporated Cyclization from the Root of <i>Colquhounia elegans</i> . <i>Organic Letters</i> , 2021, 23, 7462-7466.	4.6	5
13	Ecdysteroids and spirosterane steroids from the traditional Chinese medicine <i>Paris polyphylla</i> var. <i>yunnanensis</i> . <i>Phytochemistry Letters</i> , 2021, 45, 117-120.	1.2	2
14	Secoiridoids and triterpenoids from the traditional Tibetan medicine <i>Gentiana veitchiorum</i> and their immunosuppressive activity. <i>Phytochemistry</i> , 2021, 192, 112961.	2.9	6
15	Detoxification of Plant Aromatic Abietanoids via Cleavage of the Benzene Ring into 11,12- <i>Seco</i> -diterpene Polyenes by a Specialist Insect of <i>Leucosceptrum canum</i> . <i>Organic Letters</i> , 2020, 22, 126-129.	4.6	3
16	Antibacterial harziane diterpenoids from a fungal symbiont <i>Trichoderma atroviride</i> isolated from <i>Colquhounia coccinea</i> var. <i>mollis</i> . <i>Phytochemistry</i> , 2020, 170, 112198.	2.9	33
17	Novel Polyketide-Terpenoid Hybrid Metabolites from a Potent Nematicidal <i>Arthrobotrys oligospora</i> Mutant <i>ï</i> " <i>AOL_s00215g278</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11449-11458.	5.2	9
18	Gentianelloids A and B: Immunosuppressive 10,11- <i>seco</i> -Gentianellane Sesterterpenoids from the Traditional Uighur Medicine <i>Gentianella turkestanorum</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 5511-5515.	3.2	16

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19	Unusual glycosidic labdane diterpenoids with cytotoxicity from the root of <i>Phlomis betonicoides</i> . <i>Phytochemistry</i> , 2020, 173, 112325.	2.9	3
20	Peltate glandular trichomes of <i>Colquhounia vestita</i> harbor diterpenoid acids that contribute to plant adaptation to UV radiation and cold stresses. <i>Phytochemistry</i> , 2020, 172, 112285.	2.9	10
21	Production of the Inaccessible Sesquiterpene (â€”)â€”Pieremophilene by Metabolically Engineered <i>Escherichia coli</i> . <i>Chemistry and Biodiversity</i> , 2020, 17, e2000219.	2.1	4
22	Diterpenoids and Flavonoids from the Twigs of <i>Cephalotaxus fortunei</i> var. <i>alpina</i> . <i>Chemistry and Biodiversity</i> , 2020, 17, e2000210.	2.1	11
23	Unexpected Biosynthesis of Fluorescein-Like Arthrocolins against Resistant Strains in an Engineered <i>Escherichia coli</i> . <i>Organic Letters</i> , 2019, 21, 6499-6503.	4.6	7
24	Non-volatile natural products in plant glandular trichomes: chemistry, biological activities and biosynthesis. <i>Natural Product Reports</i> , 2019, 36, 626-665.	10.3	61
25	Characterization of a sesquiterpene cyclase from the glandular trichomes of <i>Leucoscepttrum canum</i> for sole production of cedrol in <i>Escherichia coli</i> and <i>Nicotiana benthamiana</i> . <i>Phytochemistry</i> , 2019, 162, 121-128.	2.9	17
26	An overview of grayanane diterpenoids and their biological activities from the Ericaceae family in the last seven years. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 400-416.	5.5	44
27	Leucosceptroid B from glandular trichomes of <i>Leucoscepttrum canum</i> reduces fat accumulation in <i>Caenorhabditis elegans</i> through suppressing unsaturated fatty acid biosynthesis. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 892-899.	1.3	5
28	Leucoflavonine, a new bioactive racemic flavoalkaloid from the leaves of <i>Leucoscepttrum canum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 442-446.	3.0	6
29	Diversified abietane family diterpenoids from the leaves of <i>Leucoscepttrum canum</i> and their cytotoxic activity. <i>Phytochemistry</i> , 2019, 157, 43-52.	2.9	10
30	Chemical profile and defensive function of the latex of <i>Euphorbia peplus</i> . <i>Phytochemistry</i> , 2017, 136, 56-64.	2.9	50
31	Localisation of Two Bioactive Labdane Diterpenoids in the Peltate Glandular Trichomes of <i>Leonurus japonicus</i> by Laser Microdissection Coupled with UPLC-MS/MS. <i>Phytochemical Analysis</i> , 2017, 28, 404-409.	2.4	14
32	New Bioactive Macrocyclic Diterpenoids from <i>Euphorbia helioscopia</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1700327.	2.1	19
33	Selected Mutations Revealed Intermediates and Key Precursors in the Biosynthesis of Polyketide-â€”Terpenoid Hybrid Sesquiterpenyl Epoxy-cyclohexenoids. <i>Organic Letters</i> , 2017, 19, 3923-3926.	4.6	13
34	New Antifeedant Grayanane Diterpenoids from the Flowers of <i>Pieris formosa</i> . <i>Molecules</i> , 2017, 22, 1431.	3.8	10
35	Drimane Sesquiterpenoids and Isochromone Derivative from the Endophytic Fungus <i>Pestalotiopsis</i> sp. M-23. <i>Natural Products and Bioprospecting</i> , 2016, 6, 155-160.	4.3	14
36	A Geranyl-farnesyl Diphosphate Synthase Provides the Precursor for Sesterterpenoid (C ₂₅) Formation in the Glandular Trichomes of the Mint Species <i>Leucoscepttrum canum</i> . <i>Plant Cell</i> , 2016, 28, 804-822.	6.6	48

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37	Analysis of the lithiated leucosceptroids from <i>Leucoscepttrum canum</i> to facilitate their identification and differentiation by electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 100-110.	1.5	3
38	Bioassay-Guided Isolation and Structural Modification of the Anti-TB Resorcinols from <i>Ardisia gigantifolia</i> . <i>Chemical Biology and Drug Design</i> , 2016, 88, 293-301.	3.2	10
39	Macrocyclic Diterpenoids from the Latex of <i>Euphorbia helioscopia</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	4
40	Capitate Glandular Trichomes of <i>Paragutzlaffia henryi</i> Harbor New Phytotoxic Labdane Diterpenoids. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10004-10012.	5.2	16
41	Unraveling the Metabolic Pathway in <i>Leucoscepttrum canum</i> by Isolation of New Defensive Leucosceptroid Degradation Products and Biomimetic Model Synthesis. <i>Organic Letters</i> , 2014, 16, 6416-6419.	4.6	27
42	Peltate glandular trichomes of <i>Colquhounia seguinii</i> harbor new defensive clerodane diterpenoids. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 928-940.	8.5	19
43	Highly Oxygenated Limonoids and Lignans from <i>Phyllanthus flexuosus</i> . <i>Natural Products and Bioprospecting</i> , 2014, 4, 233-242.	4.3	13
44	Antifeedant and Antiviral Diterpenoids from the Fresh Roots of <i>Euphorbia jolkinii</i> . <i>Natural Products and Bioprospecting</i> , 2014, 4, 91-100.	4.3	28
45	Unusual antifeedant spiro-sesterterpenoid from the flowers of <i>Leucoscepttrum canum</i> . <i>Tetrahedron Letters</i> , 2013, 54, 235-237.	1.4	29
46	Defense sesterterpenoid lactones from <i>Leucoscepttrum canum</i> . <i>Phytochemistry</i> , 2013, 86, 29-35.	2.9	43
47	Peltate Glandular Trichomes of <i>Colquhounia coccinea</i> var. <i>mollis</i> Harbor a New Class of Defensive Sesterterpenoids. <i>Organic Letters</i> , 2013, 15, 1694-1697.	4.6	53
48	Diterpenoid compounds from <i>Vitex agnus-castus</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 635-638.	0.8	16
49	New Antifeedant C ₂₀ Terpenoids from <i>Leucoscepttrum canum</i> . <i>Organic Letters</i> , 2012, 14, 5768-5771.	4.6	36
50	Unique Proline-Benzoquinone Pigment from the Colored Nectar of "Bird's Coca Cola Tree" Functions in Bird Attractions. <i>Organic Letters</i> , 2012, 14, 4146-4149.	4.6	21
51	Defensive Sesterterpenoids with Unusual Antipodal Cyclopentenones from the Leaves of <i>Leucoscepttrum canum</i> . <i>Organic Letters</i> , 2011, 13, 1864-1867.	4.6	53
52	A Novel Asymmetric ent-Kauranoid Dimer from <i>Isodon enanderianus</i> . <i>Chinese Journal of Chemistry</i> , 2010, 20, 884-886.	4.9	10
53	Glandular Trichomes of <i>Leucoscepttrum canum</i> Harbor Defensive Sesterterpenoids. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4471-4475.	13.8	102
54	Terpenes from <i>Eupatorium adenophorum</i> and Their Allelopathic Effects on <i>Arabidopsis</i> Seeds Germination. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 478-482.	5.2	60

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55	Three New Compounds from <i>Kadsura longipedunculata</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 723-729.	1.6	9
56	Isolation and Structure Elucidation of Nortriterpenoids from <i>Schisandra rubriflora</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 1505-1513.	1.6	10
57	Three Novel Terpenoids from <i>Schisandra pubescens</i> var. <i>pubinervis</i> . <i>Helvetica Chimica Acta</i> , 2006, 89, 1169-1175.	1.6	43
58	Two Novel ent-Abietane Diterpenoids from <i>Isodon xerophilus</i> . <i>Helvetica Chimica Acta</i> , 2004, 87, 1951-1957.	1.6	10
59	Maoecrystal V, Cytotoxic Diterpenoid with a Novel C19 Skeleton from <i>Isodon eriocalyx</i> (Dunn.) Hara. <i>Organic Letters</i> , 2004, 6, 4327-4330.	4.6	139
60	Micranthin C, a Novel 13(12 β)abeo-Abietanoid from <i>Isodon lophanthoids</i> var. <i>micranthus</i> . <i>Helvetica Chimica Acta</i> , 2003, 86, 3470-3475.	1.6	14
61	Chemical Constituents from <i>Amentotaxus yunnanensis</i> and <i>Torreya yunnanensis</i> . <i>Journal of Natural Products</i> , 2003, 66, 1002-1005.	3.0	70
62	Two New Lignans from <i>Taxus yunnanensis</i> . <i>Chinese Journal of Chemistry</i> , 2003, 21, 926-930.	4.9	5
63	Non-taxane compounds from the bark of <i>Taxus yunnanensis</i> . <i>Journal of Asian Natural Products Research</i> , 2002, 4, 147-154.	1.4	18
64	ent-Kaurane Diterpenoids from the Leaves of <i>Isodon xerophilus</i> . <i>Planta Medica</i> , 2002, 68, 946-948.	1.3	17
65	Taxuyunnanines S-V, New Taxoids from <i>Taxus yunnanensis</i> . <i>Planta Medica</i> , 2002, 68, 253-257.	1.3	10
66	Constituents from <i>Limonia crenulata</i> . <i>Journal of Asian Natural Products Research</i> , 2001, 3, 299-311.	1.4	37
67	Rearranged Taxanes from the Bark of <i>Taxus yunnanensis</i> . <i>Journal of Natural Products</i> , 2000, 63, 1488-1491.	3.0	19