

# Shi-Hong Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,037  
citations

430874

18  
h-index

454955

30  
g-index

51  
all docs

51  
docs citations

51  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	A monocarbocyclic sesterterpenoid biosynthetic precursor of leucosceptroids from <i>Leucoscepttrum canum</i> and its metabolic isomerization by a specialist insect. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2209-2214.	4.5	4
2	Degraded Metabolites of Phlorizin Promote Germination of <i>Valsa mali</i> var. <i>mali</i> in its Host <i>Malus</i> spp.. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 149-156.	5.2	4
3	Antimicrobial diterpene induced by two gall-inducing adelgids coexisting on <i>Picea koraiensis</i> . <i>Tree Physiology</i> , 2022, 42, 1601-1612.	3.1	1
4	Root exudate sesquiterpenoids from the invasive weed <i>Ambrosia trifida</i> regulate rhizospheric Proteobacteria. <i>Science of the Total Environment</i> , 2022, 834, 155263.	8.0	8
5	Bioactive tiglane diterpenoids from the latex of <i>Euphorbia fischeriana</i> . <i>Natural Product Research</i> , 2021, 35, 179-187.	1.8	17
6	Up-regulation of phenylpropanoid biosynthesis system in peach species by peach aphids produces anthocyanins that protect the aphids against UVB and UVC radiation. <i>Tree Physiology</i> , 2021, 41, 428-443.	3.1	8
7	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
8	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
9	Insecticidal Terpenes From the Essential Oils of <i>Artemisia nakaii</i> and Their Inhibitory Effects on Acetylcholinesterase. <i>Frontiers in Plant Science</i> , 2021, 12, 720816.	3.6	14
10	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
11	A Cryptic Plant Terpene Cyclase Producing Unconventional 18- and 14-Membered Macrocyclic C <sub>25</sub> and C <sub>20</sub> Terpenoids with Immunosuppressive Activity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25468-25476.	13.8	14
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	Detoxification of Plant Aromatic Abietanoids via Cleavage of the Benzene Ring into 11,12-Seco-diterpene Polyenes by a Specialist Insect of <i>Leucoscepttrum canum</i> . <i>Organic Letters</i> , 2020, 22, 126-129.	4.6	3
14	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
15	Phytohormones Regulate Both "Fish Scale" Galls and Cones on <i>Picea koraiensis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 580155.	3.6	13
16	Defensive functions of volatile organic compounds and essential oils from northern white-cedar in China. <i>BMC Plant Biology</i> , 2020, 20, 500.	3.6	12
17	Stereoisomers of Nonvolatile Acetylbutanediol Metabolites Produced by <i>Bacillus velezensis</i> WRN031 Improved Root Elongation of Maize and Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6308-6315.	5.2	9
18	Production and evaluation of antifungal stilbenoids in <i>Dracaena cochinchinensis</i> elicited by fungal inoculation. <i>Industrial Crops and Products</i> , 2020, 145, 112148.	5.2	8

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19	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
20	Leucosceptroid B from glandular trichomes of <i>Leucosceptrum 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
21	Leucoflavonine, a new bioactive racemic flavoalkaloid from the leaves of <i>Leucosceptrum canum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 442-446.	3.0	6
22	Diversified abietane family diterpenoids from the leaves of <i>Leucosceptrum canum</i> and their cytotoxic activity. <i>Phytochemistry</i> , 2019, 157, 43-52.	2.9	10
23	New and noteworthy boletes from subtropical and tropical China. <i>MycologyKeys</i> , 2019, 46, 55-96.	1.9	28
24	Specialized metabolites from <i>Ageratina adenophora</i> and their inhibitory activities against pathogenic fungi. <i>Phytochemistry</i> , 2018, 148, 57-62.	2.9	23
25	Cytotoxic Terpenoids from the Roots of <i>Dracocephalum taliense</i> . <i>Molecules</i> , 2018, 23, 57.	3.8	8
26	Chemical profile and defensive function of the latex of <i>Euphorbia peplus</i> . <i>Phytochemistry</i> , 2017, 136, 56-64.	2.9	50
27	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
28	Localization of a defensive volatile 4-hydroxy-4-methylpentan-2-one in the capitate glandular trichomes of <i>Oenothera glazioviana</i> . <i>Plant Diversity</i> , 2017, 39, 154-159.	3.7	3
29	New Bioactive Macrocyclic Diterpenoids from <i>Euphorbia helioscopia</i> . <i>Chemistry and Biodiversity</i> , 2017, 14, e1700327.	2.1	19
30	New Antifeedant Grayanane Diterpenoids from the Flowers of <i>Pieris formosa</i> . <i>Molecules</i> , 2017, 22, 1431.	3.8	10
31	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
32	A Geranylarnesyl Diphosphate Synthase Provides the Precursor for Sesterterpenoid (C <sub>25</sub> ) Formation in the Glandular Trichomes of the Mint Species <i>Leucosceptrum canum</i> . <i>Plant Cell</i> , 2016, 28, 804-822.	6.6	48
33	Analysis of the lithiated leucosceptroids from <i>Leucosceptrum 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
34	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
35	Phomopchalasins A and B, Two Cytochalasans with Polycyclic-Fused Skeletons from the Endophytic Fungus <i>Phomopsis</i> sp. shj2. <i>Organic Letters</i> , 2016, 18, 1108-1111.	4.6	87
36	Case study of building of conservation coalitions to conserve ecological interactions. <i>Conservation Biology</i> , 2015, 29, 1527-1536.	4.7	10

#	ARTICLE	IF	CITATIONS
37	Macrocyclic Diterpenoids from the Latex of <i>Euphorbia helioscopia</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	4
38	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
39	Macrocyclic Diterpenoids from the Latex of <i>Euphorbia helioscopia</i> . <i>Natural Product Communications</i> , 2015, 10, 2037-9.	0.5	8
40	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
41	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
42	Unusual antifeedant spiro-sesterterpenoid from the flowers of <i>Leucoscepttrum canum</i> . <i>Tetrahedron Letters</i> , 2013, 54, 235-237.	1.4	29
43	Defense sesterterpenoid lactones from <i>Leucoscepttrum canum</i> . <i>Phytochemistry</i> , 2013, 86, 29-35.	2.9	43
44	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
45	New Antifeedant C <sub>20</sub> Terpenoids from <i>Leucoscepttrum canum</i> . <i>Organic Letters</i> , 2012, 14, 5768-5771.	4.6	36
46	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
47	Defensive Sesquiterpenoids from Leaves of <i>Eupatorium adenophorum</i> . <i>Chinese Journal of Chemistry</i> , 2012, 30, 1331-1334.	4.9	20
48	o-Coumaric acid from invasive <i>Eupatorium adenophorum</i> is a potent phytotoxin. <i>Chemoecology</i> , 2012, 22, 131-138.	1.1	29
49	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
50	Glandular Trichomes of <i>Leucoscepttrum canum</i> Harbor Defensive Sesterterpenoids. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4471-4475.	13.8	102