Shi-Hong Luo

List of Publications by Year
in descending order

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50	1,037	430874	454955
papers	citations	18 h-index	30 g-index

51	51	51	896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glandular Trichomes of Leucosceptrum canum Harbor Defensive Sesterterpenoids. Angewandte Chemie - International Edition, 2010, 49, 4471-4475.	13.8	102
2	Phomopchalasins A and B, Two Cytochalasans with Polycyclic-Fused Skeletons from the Endophytic Fungus Phomopsis sp. shj2. Organic Letters, 2016, 18, 1108-1111.	4.6	87
3	Defensive Sesterterpenoids with Unusual Antipodal Cyclopentenones from the Leaves of Leucosceptrum canum. Organic Letters, 2011, 13, 1864-1867.	4.6	53
4	Peltate Glandular Trichomes of Colquhounia coccinea var. mollis Harbor a New Class of Defensive Sesterterpenoids. Organic Letters, 2013, 15, 1694-1697.	4.6	53
5	Chemical profile and defensive function of the latex of Euphorbia peplus. Phytochemistry, 2017, 136, 56-64.	2.9	50
6	A Geranylfarnesyl Diphosphate Synthase Provides the Precursor for Sesterterpenoid (C₂₅) Formation in the Glandular Trichomes of the Mint Species Leucosceptrum canum. Plant Cell, 2016, 28, 804-822.	6.6	48
7	Defense sesterterpenoid lactones from Leucosceptrum canum. Phytochemistry, 2013, 86, 29-35.	2.9	43
8	New Antifeedant C₂₀ Terpenoids from Leucosceptrum canum. Organic Letters, 2012, 14, 5768-5771.	4.6	36
9	Antibacterial harziane diterpenoids from a fungal symbiont Trichoderma atroviride isolated from Colquhounia coccinea var. mollis. Phytochemistry, 2020, 170, 112198.	2.9	33
10	o-Coumaric acid from invasive Eupatorium adenophorum is a potent phytotoxin. Chemoecology, 2012, 22, 131-138.	1.1	29
11	Unusual antifeedant spiro-sesterterpenoid from the flowers of Leucosceptrum canum. Tetrahedron Letters, 2013, 54, 235-237.	1.4	29
12	Antifeedant and Antiviral Diterpenoids from the Fresh Roots of Euphorbia jolkinii. Natural Products and Bioprospecting, 2014, 4, 91-100.	4.3	28
13	New and noteworthy boletes from subtropical and tropical China. MycoKeys, 2019, 46, 55-96.	1.9	28
14	Unraveling the Metabolic Pathway in Leucosceptrum canum by Isolation of New Defensive Leucosceptroid Degradation Products and Biomimetic Model Synthesis. Organic Letters, 2014, 16, 6416-6419.	4.6	27
15	Characterization of defensive cadinenes and a novel sesquiterpene synthase responsible for their biosynthesis from the invasive Eupatorium adenophorum. New Phytologist, 2021, 229, 1740-1754.	7.3	27
16	Specialized metabolites from Ageratina adenophora and their inhibitory activities against pathogenic fungi. Phytochemistry, 2018, 148, 57-62.	2.9	23
17	Unique Prolineâ€“Benzoquinone Pigment from the Colored Nectar of â€œBirdâ€™s Coca Cola Treeâ€•Functions in Bird Attractions. Organic Letters, 2012, 14, 4146-4149.	4.6	21
18	Defensive Sesquiterpenoids from Leaves of Eupatorium adenophorum. Chinese Journal of Chemistry, 2012, 30, 1331-1334.	4.9	20

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19	New Bioactive Macrocyclic Diterpenoids from Euphorbia helioscopia. Chemistry and Biodiversity, 2017, 14, e1700327.	2.1	19
20	Bioactive tigliane diterpenoids from the latex of Euphorbia fischeriana. Natural Product Research, 2021, 35, 179-187.	1.8	17
21	Capitate Glandular Trichomes of Paragutzlaffia henryi Harbor New Phytotoxic Labdane Diterpenoids. Journal of Agricultural and Food Chemistry, 2015, 63, 10004-10012.	5.2	16
22	Drimane Sesquiterpenoids and Isochromone Derivative from the Endophytic Fungus Pestalotiopsis sp. M-23. Natural Products and Bioprospecting, 2016, 6, 155-160.	4.3	14
23	Localisation of Two Bioactive Labdane Diterpenoids in the Peltate Glandular Trichomes of <scp>Leonurus japonicus</scp> by Laser Microdissection Coupled with UPLCâ€MS/MS. Phytochemical Analysis, 2017, 28, 404-409.	2.4	14
24	Insecticidal Terpenes From the Essential Oils of Artemisia nakaii and Their Inhibitory Effects on Acetylcholinesterase. Frontiers in Plant Science, 2021, 12, 720816.	3.6	14
25	A Cryptic Plant Terpene Cyclase Producing Unconventional 18â€and 14â€Membered Macrocyclic C₂₅ and C₂₀ Terpenoids with Immunosuppressive Activity. Angewandte Chemie - International Edition, 2021, 60, 25468-25476.	13.8	14
26	Phytohormones Regulate Both â€œFish Scaleâ€•Galls and Cones on Picea koraiensis. Frontiers in Plant Science, 2020, 11, 580155.	3.6	13
27	Defensive functions of volatile organic compounds and essential oils from northern white-cedar in China. BMC Plant Biology, 2020, 20, 500.	3.6	12
28	Case study of building of conservation coalitions to conserve ecological interactions. Conservation Biology, 2015, 29, 1527-1536.	4.7	10
29	Bioassayâ€Guided Isolation and Structural Modification of the Antiâ€<scp>TB</scp> Resorcinols from Ardisia gigantifolia. Chemical Biology and Drug Design, 2016, 88, 293-301.	3.2	10
30	New Antifeedant Grayanane Diterpenoids from the Flowers of Pieris formosa. Molecules, 2017, 22, 1431.	3.8	10
31	Diversified abietane family diterpenoids from the leaves of Leucosceptrum canum and their cytotoxic activity. Phytochemistry, 2019, 157, 43-52.	2.9	10
32	Peltate glandular trichomes of Colquhounia vestita harbor diterpenoid acids that contribute to plant adaptation to UV radiation and cold stresses. Phytochemistry, 2020, 172, 112285.	2.9	10
33	Stereoisomers of Nonvolatile Acetylbutanediol Metabolites Produced by Bacillus velezensis WRN031 Improved Root Elongation of Maize and Rice. Journal of Agricultural and Food Chemistry, 2020, 68, 6308-6315.	5.2	9
34	Immunosuppresive Sesterterpenoids and Norsesterterpenoids from Colquhounia coccinea var. mollis. Journal of Organic Chemistry, 2021, 86, 11169-11176.	3.2	9
35	Cytotoxic Terpenoids from the Roots of Dracocephalum taliense. Molecules, 2018, 23, 57.	3.8	8
36	Production and evaluation of antifungal stilbenoids in Dracaena cochinchinensis elicited by fungal inoculation. Industrial Crops and Products, 2020, 145, 112148.	5.2	8

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37	Up-regulation of phenylpropanoid biosynthesis system in peach species by peach aphids produces anthocyanins that protect the aphids against UVB and UVC radiation. Tree Physiology, 2021, 41, 428-443.	3.1	8
38	Macrocyclic Diterpenoids from the Latex of Euphorbia helioscopia. Natural Product Communications, 2015, 10, 2037-9.	0.5	8
39	Root exudate sesquiterpenoids from the invasive weed Ambrosia trifida regulate rhizospheric Proteobacteria. Science of the Total Environment, 2022, 834, 155263.	8.0	8
40	An extremely promiscuous terpenoid synthase from the Lamiaceae plant Colquhounia coccinea var. mollis catalyzes the formation of sester-/di-/sesqui-/mono-terpenoids. Plant Communications, 2021, 2, 100233.	7.7	7
41	Leucoflavonine, a new bioactive racemic flavoalkaloid from the leaves of Leucosceptrum canum. Bioorganic and Medicinal Chemistry, 2019, 27, 442-446.	3.0	6
42	Leucosceptroid B from glandular trichomes of Leucosceptrum canum reduces fat accumulation in Caenorhabditis elegans through suppressing unsaturated fatty acid biosynthesis. Chinese Journal of Natural Medicines, 2019, 17, 892-899.	1.3	5
43	Immunostimulatory 6/6/6/6 Tetracyclic Triterpenoid Saponins with the Methyl-30 Incorporated Cyclization from the Root of Colquhounia elegans. Organic Letters, 2021, 23, 7462-7466.	4.6	5
44	Macrocyclic Diterpenoids from the Latex of Euphorbia helioscopia. Natural Product Communications, 2015, 10, 1934578X1501001.	0.5	4
45	A monocarbocyclic sesterterpenoid biosynthetic precursor of leucosceptroids from Leucosceptrum canum and its metabolic isomerization by a specialist insect. Organic Chemistry Frontiers, 2022, 9, 2209-2214.	4.5	4
46	Degraded Metabolites of Phlorizin Promote Germination of Valsa mali var. mali in its Host Malus spp.. Journal of Agricultural and Food Chemistry, 2022, 70, 149-156.	5.2	4
47	Analysis of the lithiated leucosceptroids from Leucosceptrum canum to facilitate their identification and differentiation by electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 100-110.	1.5	3
48	Localization of a defensive volatile 4-hydroxy-4-methylpentan-2-one in the capitate glandular trichomes of Oenothera glazioviana. Plant Diversity, 2017, 39, 154-159.	3.7	3
49	Detoxification of Plant Aromatic Abietanoids via Cleavage of the Benzene Ring into 11,12-Seco-diterpene Polyenes by a Specialist Insect of Leucosceptrum canum. Organic Letters, 2020, 22, 126-129.	4.6	3
50	Antimicrobial diterpene induced by two gall-inducing adelgids coexisting on Picea koraiensis. Tree Physiology, 2022, 42, 1601-1612.	3.1	1