Tatsuya Ashitani

List of Publications by Year
in descending order

52	607	687363 13	713466 21
papers	citations	h-index	g-index

55	55	55	859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antitermitic Activities of Abietane-type Diterpenes from Taxodium distichum Cones. Journal of Chemical Ecology, 2009, 35, 635-642.	1.8	58
2	Antifungal Abietane-Type Diterpenes from the Cones of Taxodium distichum Rich. Journal of Chemical Ecology, 2010, 36, 1381-1386.	1.8	46
3	Bioactivity of Latifolin and Its Derivatives against Termites and Fungi. Journal of Agricultural and Food Chemistry, 2009, 57, 5707-5712.	5.2	41
4	Antifungal properties of terpenoids in <scp>P</scp>icea abies against <scp>H</scp>eterobasidion parviporum. Forest Pathology, 2014, 44, 353-361.	1.1	37
5	Activity studies of sesquiterpene oxides and sulfides from the plant Hyptis suaveolens (Lamiaceae) and its repellency on Ixodes ricinus (Acari: Ixodidae). Experimental and Applied Acarology, 2015, 67, 595-606.	1.6	31
6	Color and chemical characterization of partially black-streaked heart-wood in teak (Tectona grandis). Journal of Forestry Research, 2009, 20, 377-380.	3.6	23
7	Volatile and non-volatile monoterpenes produced by elicitor-stimulated Cupressus lusitanica cultured cells. Journal of Plant Physiology, 2009, 166, 720-728.	3.5	23
8	Antioxidant activity and mechanism of the abietane-type diterpene ferruginol. Natural Product Research, 2015, 29, 1739-1743.	1.8	18
9	Natural autoxidation of longifolene and anti-termite activities of the products. Journal of Wood Science, 2017, 63, 360-368.	1.9	17
10	Inhibition activity of essential oils obtained from Japanese trees against Skeletonema costatum. Journal of Wood Science, 2011, 57, 520-525.	1.9	16
11	Nectrianolins A, B, and C, new metabolites produced by endophytic fungus Nectria pseudotrichia 120-1NP. Tetrahedron Letters, 2017, 58, 4082-4086.	1.4	15
12	Thermal Behavior of Î²-1 Subunits in Lignin:Â Pyrolysis of 1,2-Diarylpropane-1,3-diol-type Lignin Model Compounds. Journal of Agricultural and Food Chemistry, 2007, 55, 2770-2778.	5.2	14
13	Bioactivities of extracts from Chamaecyparis obtusa branch heartwood. Journal of Wood Science, 2012, 58, 544-549.	1.9	14
14	Antitermitic activity of extracts from Chamaecyparis obtusa branch heartwood. European Journal of Wood and Wood Products, 2014, 72, 651-657.	2.9	14
15	Direct Episulfidation of Caryophyllene and Humulene. Natural Product Research, 1999, 13, 163-167.	0.4	13
16	A novel synthetic pathway for tropolone ring formation via the olefin monoterpene intermediate terpinolene in cultured Cupressus lusitanica cells. Journal of Plant Physiology, 2014, 171, 610-614.	3.5	13
17	Reaction mechanism of direct episulfidation of caryophyllene and humulene. Natural Product Research, 2008, 22, 495-498.	1.8	12
18	Monoterpenes produced byCupressus lusitanicacultured cells including a novel monoterpene (1S, 2S,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	11

#	Article	IF	Citations
19	Lipophilic extractives of the inner and outer barks from six different Pinus species grown in Indonesia. Journal of Forestry Research, 2018, 29, 1329-1336.	3.6	11
20	New method to determine the hydroxyl value in liquefied bark as Polyurethane material. Journal of Wood Science, 2002, 48, 348-351.	1.9	10
21	Induced monoterpene and lignin production in mechanically stressed and fungal elicited cultured Cupressus lusitanica cells. Plant Biotechnology Reports, 2009, 3, 57-65.	1.5	10
22	Tetramethylammonium hydroxide (TMAH) thermochemolysis of 2-arylcoumaran lignin model compounds. Journal of Analytical and Applied Pyrolysis, 2009, 86, 185-191.	5.5	10
23	Acaricidal activity of components of Cryptomeria japonica against spider mites. Journal of Wood Science, 2015, 61, 60-64.	1.9	10
24	Lipophilic extractives of the wood and bark fromEucalyptus pellitaF. Muell grown in Merauke, Indonesia. Journal of Wood Chemistry and Technology, 2020, 40, 146-154.	1.7	10
25	Taxodal, a novel irregular abietane-type diterpene from the cones of Taxodium distichum. Tetrahedron Letters, 2008, 49, 4845-4847.	1.4	9
26	Isolation of diterpenoids from sugi wood-drying byproducts and their bioactivities. Journal of Wood Science, 2019, 65, .	1.9	9
27	Hydrophilic Extracts of the Bark from Six Pinus Species. Journal of the Korean Wood Science and Technology, 2019, 47, 80-89.	3.0	9
28	Synthesis of Titanium Carbide from Woody Materials by Self-Propagating High Temperature Synthesis.. Journal of the Ceramic Society of Japan, 2002, 110, 632-638.	1.3	8
29	Pharmacological Prospects of Oxygenated Abietane-Type Diterpenoids from <i>Taxodium distichum</i> Cones. Advances in Biological Chemistry, 2014, 04, 109-115.	0.6	8
30	Regio- and Substrate-Specific Oxidative Metabolism of Terpinolene by Cytochrome P450 Monooxygenases in <i>Cupressus lusitanica</i> Cultured Cells. American Journal of Plant Sciences, 2012, 03, 268-275.	0.8	8
31	Growth inhibition activities of Sugi bark components against Heterosigma akashiwo. Journal of Wood Science, 2013, 59, 238-242.	1.9	7
32	Antifungal activity of longifolene and its autoxidation products. European Journal of Wood and Wood Products, 2018, 76, 1079-1082.	2.9	7
33	Antitermite and antifungal activities of thujopsene natural autoxidation products. European Journal of Wood and Wood Products, 2019, 77, 311-317.	2.9	7
34	Antitermitic and antifungal properties of enantiopure linalool and furanoid linalool oxide confirmed in Lindera umbellata var. membranacea. Journal of Wood Chemistry and Technology, 2022, 42, 37-45.	1.7	7
35	Synthesis of Ceramic Compounds Utilizing Woody Waste Materials and Rice Husk. Materials Science Forum, 2003, 437-438, 411-414.	0.3	6
36	The Bioactive Extracts of Heartwood of Dalbergia latifolia. Mokuzai Gakkai Shi, 2009, 55, 29-36.	0.2	6

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37	11Î±-Hydroxy-7,13-Abietadiene From Sugi (Cryptomeria Japonica) Wood Extract. Natural Product Research, 1999, 13, 169-170.	0.4	5
38	Antitermite Activity of beta-Caryophyllene Epoxide and Episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 0302.	1.4	5
39	Growth-inhibitory components in Sugi (Cryptomeria japonica) extracts active against Microcystis aeruginosa. Cogent Environmental Science, 2018, 4, 1466401.	1.6	4
40	Tetramethylammonium hydroxide (TMAH) thermochemolysis of lignin: Formation of (E)-5-formyl-2,3,3â€²,4â€²-tetramethoxystilbene and its origins. Journal of Analytical and Applied Pyrolysis, 2010, 89, 233-238.	5.5	3
41	Enantiomeric analysis of monoterpenes in Oba-kuromozi (Lindera umbellata var. membranacea). Journal of Wood Science, 2018, 64, 164-168.	1.9	3
42	A herbivore-induced homoterpene volatile is emitted from Basella alba leaves. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1989-1991.	1.3	3
43	â€œUradomeâ€•treatment for prevention of snow damage and terrain parameters of moso bamboo (Phyllostachys pubescens) forest in Tsuruoka, Yamagata Prefecture. Journal of Sustainable Forestry, 2019, 38, 171-182.	1.4	3
44	Growth-inhibitory activity of components in Cryptomeria japonica leaves against Robinia pseudoacacia. Journal of Forest Research, 2020, 25, 192-197.	1.4	3
45	Simultaneous Synthesis of Titanium Carbide-Alumina from Woody Materials by Self-Propagating High Temperature Synthesis. Journal of the Ceramic Society of Japan, 2003, 111, 372-375.	1.3	2
46	Assessing the impacts of cell wall composition on the optimum stage for â€œUradomeâ€•in moso bamboo. Journal of Wood Science, 2021, 67, .	1.9	2
47	Inhibition of the harmful alga Microcystis aeruginosa by sugi (Cryptomeria japonica) bark. Journal of Wood Science, 2020, 66, .	1.9	2
48	Antitermite Activity of Î²-Caryophyllene Epoxide and Episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 302-306.	1.4	1
49	Differences in the â€œegumiâ€•taste of moso-bamboo shoots: research using chemical analysis and two types of taste sensors. Journal of Wood Science, 2021, 67, .	1.9	1
50	Antitermite activity of beta-caryophyllene epoxide and episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 302-6.	1.4	1
51	Bio-activity of volatile terpenoids against arthropods and microorganisms. Journal of Japan Association on Odor Environment, 2016, 47, 10-16.	0.0	0
52	Possibility of using the tips obtained from the â€œUradomeâ€•of moso bamboo (Phyllostachys pubescens) as a food source. Journal of Wood Science, 2022, 68, .	1.9	0