

# Tatsuya Ashitani

## List of Publications by Year in descending order

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52  
papers

607  
citations

687363

13  
h-index

713466

21  
g-index

55  
all docs

55  
docs citations

55  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitermitic and antifungal properties of enantiopure linalool and furanoid linalool oxide confirmed in <i>Lindera umbellata</i> var. <i>membranacea</i> . Journal of Wood Chemistry and Technology, 2022, 42, 37-45.	1.7	7
2	Possibility of using the tips obtained from the "Uradome" of moso bamboo ( <i>Phyllostachys pubescens</i> ) as a food source. Journal of Wood Science, 2022, 68, .	1.9	0
3	Differences in the "egumi" taste of moso-bamboo shoots: research using chemical analysis and two types of taste sensors. Journal of Wood Science, 2021, 67, .	1.9	1
4	Assessing the impacts of cell wall composition on the optimum stage for "Uradome" in moso bamboo. Journal of Wood Science, 2021, 67, .	1.9	2
5	Lipophilic extractives of the wood and bark from <i>Eucalyptus pellita</i> F. Muell grown in Merauke, Indonesia. Journal of Wood Chemistry and Technology, 2020, 40, 146-154.	1.7	10
6	Growth-inhibitory activity of components in <i>Cryptomeria japonica</i> leaves against <i>Robinia pseudoacacia</i> . Journal of Forest Research, 2020, 25, 192-197.	1.4	3
7	Inhibition of the harmful alga <i>Microcystis aeruginosa</i> by sugi ( <i>Cryptomeria japonica</i> ) bark. Journal of Wood Science, 2020, 66, .	1.9	2
8	A herbivore-induced homoterpene volatile is emitted from <i>Basella alba</i> leaves. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1989-1991.	1.3	3
9	Isolation of diterpenoids from sugi wood-drying byproducts and their bioactivities. Journal of Wood Science, 2019, 65, .	1.9	9
10	"Uradome" treatment for prevention of snow damage and terrain parameters of moso bamboo ( <i>Phyllostachys pubescens</i> ) forest in Tsuruoka, Yamagata Prefecture. Journal of Sustainable Forestry, 2019, 38, 171-182.	1.4	3
11	Antitermite and antifungal activities of thujopsene natural autoxidation products. European Journal of Wood and Wood Products, 2019, 77, 311-317.	2.9	7
12	Hydrophilic Extracts of the Bark from Six Pinus Species. Journal of the Korean Wood Science and Technology, 2019, 47, 80-89.	3.0	9
13	Antifungal activity of longifolene and its autoxidation products. European Journal of Wood and Wood Products, 2018, 76, 1079-1082.	2.9	7
14	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
15	Growth-inhibitory components in Sugi ( <i>Cryptomeria japonica</i> ) extracts active against <i>Microcystis aeruginosa</i> . Cogent Environmental Science, 2018, 4, 1466401.	1.6	4
16	Enantiomeric analysis of monoterpenes in Oba-kuromozu ( <i>Lindera umbellata</i> var. <i>membranacea</i> ). Journal of Wood Science, 2018, 64, 164-168.	1.9	3
17	Natural autoxidation of longifolene and anti-termite activities of the products. Journal of Wood Science, 2017, 63, 360-368.	1.9	17
18	Nectrianolins A, B, and C, new metabolites produced by endophytic fungus <i>Nectria pseudotrichia</i> 120-INP. Tetrahedron Letters, 2017, 58, 4082-4086.	1.4	15

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19	Bio-activity of volatile terpenoids against arthropods and microorganisms. Journal of Japan Association on Odor Environment, 2016, 47, 10-16.	0.0	0
20	Antioxidant activity and mechanism of the abietane-type diterpene ferruginol. Natural Product Research, 2015, 29, 1739-1743.	1.8	18
21	Acaricidal activity of components of <i>Cryptomeria japonica</i> against spider mites. Journal of Wood Science, 2015, 61, 60-64.	1.9	10
22	Activity studies of sesquiterpene oxides and sulfides from the plant <i>Hyptis suaveolens</i> (Lamiaceae) and its repellency on <i>Ixodes ricinus</i> (Acari: Ixodidae). Experimental and Applied Acarology, 2015, 67, 595-606.	1.6	31
23	Antifungal properties of terpenoids in <i>Pinus abies</i> against <i>Heterobasidion parviporum</i> . Forest Pathology, 2014, 44, 353-361.	1.1	37
24	Antitermitic activity of extracts from <i>Chamaecyparis obtusa</i> branch heartwood. European Journal of Wood and Wood Products, 2014, 72, 651-657.	2.9	14
25	A novel synthetic pathway for tropolone ring formation via the olefin monoterpene intermediate terpinolene in cultured <i>Cupressus lusitanica</i> cells. Journal of Plant Physiology, 2014, 171, 610-614.	3.5	13
26	Pharmacological Prospects of Oxygenated Abietane-Type Diterpenoids from <i>Taxodium distichum</i> Cones. Advances in Biological Chemistry, 2014, 04, 109-115.	0.6	8
27	Growth inhibition activities of Sugi bark components against <i>Heterosigma akashiwo</i> . Journal of Wood Science, 2013, 59, 238-242.	1.9	7
28	Antitermite Activity of $\beta$ -Caryophyllene Epoxide and Episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 302-306.	1.4	1
29	Antitermite Activity of $\beta$ -Caryophyllene Epoxide and Episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 0302.	1.4	5
30	Antitermite activity of $\beta$ -caryophyllene epoxide and episulfide. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 302-6.	1.4	1
31	Bioactivities of extracts from <i>Chamaecyparis obtusa</i> branch heartwood. Journal of Wood Science, 2012, 58, 544-549.	1.9	14
32	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
33	Inhibition activity of essential oils obtained from Japanese trees against <i>Skeletonema costatum</i> . Journal of Wood Science, 2011, 57, 520-525.	1.9	16
34	Antifungal Abietane-Type Diterpenes from the Cones of <i>Taxodium distichum</i> Rich. Journal of Chemical Ecology, 2010, 36, 1381-1386.	1.8	46
35	Tetramethylammonium hydroxide (TMAH) thermochemolysis of lignin: Formation of (E)-5-formyl-2,3,4-trimethoxystilbene and its origins. Journal of Analytical and Applied Pyrolysis, 2010, 89, 233-238.	5.5	3
36	The Bioactive Extracts of Heartwood of <i>Dalbergia latifolia</i> . Mokuzaï Gakkai Shi, 2009, 55, 29-36.	0.2	6

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37	Antitermitic Activities of Abietane-type Diterpenes from <i>Taxodium distichum</i> Cones. <i>Journal of Chemical Ecology</i> , 2009, 35, 635-642.	1.8	58
38	Induced monoterpene and lignin production in mechanically stressed and fungal elicited cultured <i>Cupressus lusitanica</i> cells. <i>Plant Biotechnology Reports</i> , 2009, 3, 57-65.	1.5	10
39	Color and chemical characterization of partially black-streaked heart-wood in teak ( <i>Tectona grandis</i> ). <i>Journal of Forestry Research</i> , 2009, 20, 377-380.	3.6	23
40	Tetramethylammonium hydroxide (TMAH) thermochemolysis of 2-arylcoumaran lignin model compounds. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 185-191.	5.5	10
41	Volatile and non-volatile monoterpenes produced by elicitor-stimulated <i>Cupressus lusitanica</i> cultured cells. <i>Journal of Plant Physiology</i> , 2009, 166, 720-728.	3.5	23
42	Bioactivity of Latifolin and Its Derivatives against Termites and Fungi. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5707-5712.	5.2	41
43	Taxodal, a novel irregular abietane-type diterpene from the cones of <i>Taxodium distichum</i> . <i>Tetrahedron Letters</i> , 2008, 49, 4845-4847.	1.4	9
44	Reaction mechanism of direct episulfidation of caryophyllene and humulene. <i>Natural Product Research</i> , 2008, 22, 495-498.	1.8	12
45	Thermal Behavior of $\beta$ -1 Subunits in Lignin: A Pyrolysis of 1,2-Diarylpropane-1,3-diol-type Lignin Model Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2770-2778.	5.2	14
46	Monoterpenes produced by <i>Cupressus lusitanica</i> cultured cells including a novel monoterpene (1S, 2S,) Tj ETQq0 0 0 ggBT /Overlock 10 T	1.8	11
47	Synthesis of Ceramic Compounds Utilizing Woody Waste Materials and Rice Husk. <i>Materials Science Forum</i> , 2003, 437-438, 411-414.	0.3	6
48	Simultaneous Synthesis of Titanium Carbide-Alumina from Woody Materials by Self-Propagating High Temperature Synthesis. <i>Journal of the Ceramic Society of Japan</i> , 2003, 111, 372-375.	1.3	2
49	Synthesis of Titanium Carbide from Woody Materials by Self-Propagating High Temperature Synthesis.. <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 632-638.	1.3	8
50	New method to determine the hydroxyl value in liquefied bark as Polyurethane material. <i>Journal of Wood Science</i> , 2002, 48, 348-351.	1.9	10
51	Direct Episulfidation of Caryophyllene and Humulene. <i>Natural Product Research</i> , 1999, 13, 163-167.	0.4	13
52	11 $\beta$ -Hydroxy-7,13-Abietadiene From Sugi ( <i>Cryptomeria Japonica</i> ) Wood Extract. <i>Natural Product Research</i> , 1999, 13, 169-170.	0.4	5