

Shang-Tzen Chang

List of Publications by Year in descending order

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168
papers

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169
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Cytotoxicity and Apoptosis Induction of 6,7-Dehydroroyleanone from <i>Taiwania cryptomerioides</i> Bark Essential Oil in Hepatocellular Carcinoma Cells. <i>Pharmaceutics</i> , 2022, 14, 351.	4.5	6
2	Potential 'anti-Parkinsonian' effect of S-(+)-linalool from <i>Cinnamomum osmophloeum</i> ct. linalool leaves are associated with mitochondrial regulation via gas1, nuo1, and mev1 in <i>Caenorhabditis elegans</i> . <i>Phytotherapy Research</i> , 2022, 36, 3325-3334.	5.8	2
3	Biogenic Volatile Organic Compounds and Protein Expressions of <i>Chamaecyparis formosensis</i> and <i>Chamaecyparis obtusa</i> var. <i>formosana</i> Leaves under Different Light Intensities and Temperatures. <i>Plants</i> , 2022, 11, 1535.	3.5	1
4	Antioxidant activities of ethanolic extract and lyoniresinol from bark of <i>Zelkova serrata</i> . <i>Journal of Wood Chemistry and Technology</i> , 2022, 42, 265-273.	1.7	3
5	Influences of merbau heartwood extracts and their metal complexes on wood photodegradation. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 207-216.	2.9	3
6	Thermal Degradation of Linalool-Chemotype <i>Cinnamomum osmophloeum</i> Leaf Essential Oil and Its Stabilization by Microencapsulation with β -Cyclodextrin. <i>Molecules</i> , 2021, 26, 409.	3.8	25
7	Effects of growth temperature on gas exchange of <i>Chamaecyparis formosensis</i> and <i>C. obtusa</i> var. <i>formosana</i> seedlings occupying different ecological niches. <i>Trees - Structure and Function</i> , 2021, 35, 1485-1496.	1.9	2
8	Evaluation of Motor Coordination and Antidepressant Activities of <i>Cinnamomum osmophloeum</i> ct. Linalool Leaf Oil in Rodent Model. <i>Molecules</i> , 2021, 26, 3037.	3.8	8
9	Antimelanogenesis Effects of Leaf Extract and Phytochemicals from Ceylon Olive (<i>Elaeocarpus</i>) Tj ETQq1 1 0.784314.rgBT /Overlock 13	4.5	13
10	Properties of a formaldehyde-free tannin adhesive and mechanical strength of oriented bamboo scrimber board bonded with it. <i>Holzforschung</i> , 2021, 75, 91-100.	1.9	3
11	Contact and fumigant actions of trans-cinnamaldehyde against wood-decay fungi evaluated by using solid-phase microextraction. <i>Wood Science and Technology</i> , 2020, 54, 237-247.	3.2	6
12	Hypoglycemic activity of extracts of <i>Chamaecyparis obtusa</i> var. <i>formosana</i> leaf in rats with hyperglycemia induced by high-fat diets and streptozotocin. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 389-395.	2.7	5
13	Rapid determination of S-(+)-linalool in leaf of <i>Cinnamomum osmophloeum</i> ct. linalool using ultrasound-assisted microextraction. <i>Journal of Analytical Science and Technology</i> , 2020, 11, .	2.1	1
14	Potential source of environmentally benign antifungal agents from <i>Cinnamomum osmophloeum</i> leaves against <i>Phellinus noxius</i> . <i>Plant Protection Science</i> , 2019, 55, 43-53.	1.4	5
15	Dietary Indigenous Cinnamon (<i>Cinnamomum osmophloeum</i>) Leaf Powder Reduces Plasma Lipid in Hypercholesterolemia Hamsters. <i>Natural Product Communications</i> , 2019, 14, 1934578X1986066.	0.5	1
16	Seasonal variations in emission rates and composition of terpenoids emitted from <i>Chamaecyparis formosensis</i> (Cupressaceae) of different ages. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 405-414.	5.8	5
17	Investigation of Photo-Induced Discoloration on Wood Treated with the Polyphenols from <i>Acacia Confusa</i> Heartwood. <i>Journal of Wood Chemistry and Technology</i> , 2019, 39, 270-281.	1.7	7
18	Photostabilization mechanisms of the main wood photostabilizers from the heartwood extract in <i>Acacia confusa</i> : okanin and melanoxetin. <i>Wood Science and Technology</i> , 2019, 53, 335-348.	3.2	6

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19	Complementary relationship between trans-cinnamaldehyde and trans-cinnamyl acetate and their seasonal variations in <i>Cinnamomum osmophloeum</i> ct. cinnamaldehyde. <i>Industrial Crops and Products</i> , 2019, 127, 172-178.	5.2	6
20	Wood photostabilization roles of the condensed tannins and flavonoids from the EtOAc fraction in the heartwood extract of <i>Acacia confusa</i> . <i>Wood Science and Technology</i> , 2018, 52, 855-871.	3.2	9
21	Characteristics of proanthocyanidins in leaves of <i>Chamaecyparis obtusa</i> var. <i>formosana</i> as strong α -glucosidase inhibitors. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 3806-3814.	3.5	18
22	Distribution of Living Ray Parenchyma Cells and Major Bioactive Compounds During the Heartwood Formation of <i>Taiwania cryptomerioides</i> Hayata. <i>Journal of Wood Chemistry and Technology</i> , 2018, 38, 84-95.	1.7	11
23	Hypolipidemic effects of S-(+)-linalool and essential oil from <i>Cinnamomum osmophloeum</i> ct. linalool leaves in mice. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 46-52.	2.7	21
24	Profiling of volatile compounds from five interior decoration timbers in Taiwan using TD/GC-MS/FID. <i>Journal of Wood Science</i> , 2018, 64, 823-835.	1.9	8
25	A review of antioxidant and pharmacological properties of phenolic compounds in <i>Acacia confusa</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 443-450.	2.7	35
26	Antihyperglycemic activities of twig extract of indigenous cinnamon (<i>Cinnamomum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (o Science of Food and Agriculture, 2018, 98, 5908-5915.	3.5	9
27	Xanthine Oxidase Inhibitory Activity and Thermostability of Cinnamaldehyde-Chemotype Leaf Oil of <i>Cinnamomum osmophloeum</i> Microencapsulated with β -Cyclodextrin. <i>Molecules</i> , 2018, 23, 1107.	3.8	16
28	Dyeing treatments for protecting colour and colour fastness of green bamboo culms. <i>Coloration Technology</i> , 2017, 133, 305-311.	1.5	5
29	Multiple photostabilization actions of heartwood extract from <i>Acacia confusa</i> . <i>Wood Science and Technology</i> , 2017, 51, 1133-1153.	3.2	19
30	Reaction mechanisms inhibiting the release of aqueous extracts from merbau heartwood by iron(II) and copper(II). <i>Wood Science and Technology</i> , 2017, 51, 653-668.	3.2	7
31	Antifungal agents from heartwood extract of <i>Taiwania cryptomerioides</i> against brown root rot fungus <i>Phellinus noxius</i> . <i>Wood Science and Technology</i> , 2017, 51, 639-651.	3.2	10
32	Antioxidant Activities and Reduced Amyloid- β Toxicity of 7-Hydroxycalamenene Isolated from the Essential Oil of <i>Zelkova serrata</i> Heartwood. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	4
33	Structural characterization and bioactivity of proanthocyanidins from indigenous cinnamon (<i>Cinnamomum osmophloeum</i>). <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 4749-4759.	3.5	26
34	Content and distribution of lignans in <i>Taiwania cryptomerioides</i> Hayata. <i>Holzforschung</i> , 2016, 70, 511-518.	1.9	9
35	Antitermitic activities of wood essential oil and its constituents from <i>Chamaecyparis formosensis</i> . <i>Wood Science and Technology</i> , 2016, 50, 663-676.	3.2	7
36	Environmentally benign treatments for inhibiting the release of aqueous extracts from merbau heartwood. <i>Wood Science and Technology</i> , 2016, 50, 333-348.	3.2	7

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37	Antihyperglycemic and antioxidant activities of twig extract from <i>Cinnamomum osmophloeum</i> . <i>Journal of Traditional and Complementary Medicine</i> , 2016, 6, 281-288.	2.7	42
38	Antioxidative Activities of Both Oleic Acid and <i>Camellia tenuifolia</i> Seed Oil Are Regulated by the Transcription Factor DAF-16/FOXO in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2016, 11, e0157195.	2.5	43
39	Effect of Hinoki and Meniki Essential Oils on Human Autonomic Nervous System Activity and Mood States. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	9
40	Rapid Discrimination and Feature Extraction of Three <i>Chamaecyparis</i> Species by Static-HS/GC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 810-820.	5.2	9
41	Evaluation of anxiolytic potency of essential oil and S-(+)-linalool from <i>Cinnamomum osmophloeum</i> ct. linalool leaves in mice. <i>Journal of Traditional and Complementary Medicine</i> , 2015, 5, 27-34.	2.7	51
42	Chemical Polymorphism and Composition of Leaf Essential Oils of <i>Cinnamomum kanehirae</i> Using Gas Chromatography/Mass Spectrometry, Cluster Analysis, and Principal Component Analysis. <i>Journal of Wood Chemistry and Technology</i> , 2015, 35, 207-219.	1.7	17
43	Exploitation of <i>Acacia confusa</i> heartwood extract as natural photostabilizers. <i>Wood Science and Technology</i> , 2015, 49, 811-823.	3.2	18
44	Monitoring the dynamic emission of biogenic volatile organic compounds from <i>Cryptomeria japonica</i> by enclosure measurement. <i>Atmospheric Environment</i> , 2015, 122, 163-170.	4.1	11
45	Proteomics Investigation Reveals Cell Death-Associated Proteins of Basidiomycete Fungus <i>Trametes versicolor</i> Treated with Ferruginol. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 85-91.	5.2	5
46	Anti-inflammatory and Anti-oxidative Activities of Polyacetylene from <i>Dendropanax dentiger</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	8
47	An improved bioassay facilitates the screening of repellents against cat flea, <i>Ctenocephalides felis</i> (Siphonaptera: Pulicidae). <i>Pest Management Science</i> , 2014, 70, 264-270.	3.4	12
48	Insecticidal activities of <i>Cunninghamia konishii</i> Hayata against Formosan subterranean termite, <i>Coptotermes formosanus</i> (Isoptera: Rhinotermitidae). <i>Pest Management Science</i> , 2014, 70, 1215-1219.	3.4	14
49	Larvicidal efficacy of <i>Cryptomeria japonica</i> leaf essential oils against <i>Anopheles gambiae</i> . <i>Parasites and Vectors</i> , 2014, 7, 426.	2.5	25
50	Characterization of S-(+)-linalool synthase from several provenances of <i>Cinnamomum osmophloeum</i> . <i>Tree Genetics and Genomes</i> , 2014, 10, 75-86.	1.6	29
51	Mechanism of decay resistance of heartwood extracts from <i>Acacia confusa</i> against the brown-rot fungus <i>Laetiporus sulphureus</i> . <i>Wood Science and Technology</i> , 2014, 48, 451-465.	3.2	17
52	Study on inhibition mechanisms of light-induced wood radicals by <i>Acacia confusa</i> heartwood extracts. <i>Polymer Degradation and Stability</i> , 2014, 105, 42-47.	5.8	35
53	A Potential Low-Coumarin Cinnamon Substitute: <i>Cinnamomum osmophloeum</i> Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1706-1712.	5.2	23
54	Activity of <i>Cinnamomum osmophloeum</i> leaf essential oil against <i>Anopheles gambiae</i> s.s. <i>Parasites and Vectors</i> , 2014, 7, 209.	2.5	29

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55	Essential Oil Alloaromadendrene from Mixed-Type <i>Cinnamomum osmophloeum</i> Leaves Prolongs the Lifespan in <i>Caenorhabditis elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6159-6165.	5.2	35
56	Novel methods for dyeing the epidermis of bamboo culms and their colour fastness. <i>Coloration Technology</i> , 2014, 130, 112-119.	1.5	5
57	Antioxidant Activity and Delayed Aging Effects of Hot Water Extract from <i>Chamaecyparis obtusa</i> var. <i>formosana</i> Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4159-4165.	5.2	22
58	Methods for Thermal Stability Enhancement of Leaf Essential Oils and Their Main Constituents from Indigenous Cinnamon (<i>Cinnamomum osmophloeum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6293-6298.	5.2	57
59	Molecular cloning and characterization of flavonol synthase in <i>Acacia confusa</i> . <i>Tree Genetics and Genomes</i> , 2013, 9, 85-92.	1.6	13
60	Chemical Composition and Immunohistological Variations of a Growing Bamboo Shoot. <i>Journal of Wood Chemistry and Technology</i> , 2013, 33, 144-155.	1.7	19
61	Characteristic Aroma-Active Compounds of Floral Scent in Situ from <i>Barringtonia racemosa</i> and Their Dynamic Emission Rates. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12531-12538.	5.2	12
62	A genetic marker of 4-coumarate: coenzyme A ligase gene in the cinnamaldehyde-chemotype <i>Cinnamomum osmophloeum</i> . <i>Holzforschung</i> , 2012, 66, 897-904.	1.9	6
63	Potential Source of <i>S</i> -(+)-Linalool from <i>Cinnamomum osmophloeum</i> ct. <i>linalool</i> Leaf: Essential Oil Profile and Enantiomeric Purity. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7623-7628.	5.2	31
64	In Vivo Antioxidant Activities of Essential Oils and Their Constituents from Leaves of the Taiwanese <i>Cinnamomum osmophloeum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3092-3097.	5.2	43
65	Phytochemicals from <i>Cunninghamia konishii</i> Hayata Act as Antifungal Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 124-128.	5.2	42
66	Kaempferol glycosides from the twigs of <i>Cinnamomum osmophloeum</i> and their nitric oxide production inhibitory activities. <i>Carbohydrate Research</i> , 2012, 364, 49-53.	2.3	22
67	Antioxidant-Enriched Leaf Water Extracts of <i>Cinnamomum osmophloeum</i> from Eleven Provenances and their Bioactive Flavonoid Glycosides. <i>BioResources</i> , 2012, 8, .	1.0	7
68	Chemical Composition and Antitermitic Activity against <i>Coptotermes formosanus</i> <i>Shiraki</i> of <i>Cryptomeria japonica</i> Leaf Essential Oil. <i>Chemistry and Biodiversity</i> , 2012, 9, 352-358.	2.1	22
69	Profiling of volatile compounds of <i>Phyllostachys pubescens</i> shoots in Taiwan. <i>Food Chemistry</i> , 2012, 134, 1732-1737.	8.2	22
70	Antipathogenic Activities and Chemical Composition of <i>Cinnamomum osmophloeum</i> and <i>Cinnamomum zeylanicum</i> Leaf Essential Oils. <i>Journal of Wood Chemistry and Technology</i> , 2011, 31, 73-87.	1.7	12
71	Antifungal Activities and Chemical Composition of Wood and Leaf Essential Oils from <i>Cunninghamia konishii</i> . <i>Journal of Wood Chemistry and Technology</i> , 2011, 31, 204-217.	1.7	38
72	Rapid Differentiation of Three <i>Chamaecyparis</i> Species (Cupressaceae) Grown in Taiwan Using Solid-Phase Microextraction-Gas Chromatography/Mass Spectrometry, Cluster Analysis, and Principal Component Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10854-10859.	5.2	21

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73	Antidyslipidemic Activity of Hot-water Extracts from Leaves of <i>Cinnamomum osmophloeum</i> Kaneh. <i>Phytotherapy Research</i> , 2011, 25, 1317-1322.	5.8	18
74	Ultrasound-assisted extraction of phenolic antioxidants from <i>Acacia confusa</i> flowers and buds. <i>Journal of Separation Science</i> , 2011, 34, 844-851.	2.5	29
75	Phylogenetic Relationships of the Genus <i>Chamaecyparis</i> Inferred from Leaf Essential Oil. <i>Chemistry and Biodiversity</i> , 2011, 8, 1083-1097.	2.1	12
76	Novel environmentally-benign methods for green-colour protection of bamboo culms and leaves. <i>Polymer Degradation and Stability</i> , 2011, 96, 541-546.	5.8	10
77	Antioxidant Activities and Xanthine Oxidase Inhibitory Effects of Phenolic Phytochemicals from <i>Acacia confusa</i> Twigs and Branches. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1578-1583.	5.2	34
78	Stabilizing effect of extractives on the photo-oxidation of <i>Acacia confusa</i> wood. <i>Polymer Degradation and Stability</i> , 2010, 95, 1518-1522.	5.8	44
79	Monitoring the emission of volatile organic compounds from the leaves of <i>Calocedrus macrolepis</i> var. <i>formosana</i> using solid-phase micro-extraction. <i>Journal of Wood Science</i> , 2010, 56, 140-147.	1.9	18
80	Influences of extractives on the photodegradation of wood. <i>Polymer Degradation and Stability</i> , 2010, 95, 516-521.	5.8	97
81	Variation in Antioxidant Activity of Extracts of <i>Acacia confusa</i> of Different Ages. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	3
82	Inhibition of Xanthine Oxidase by <i>Acacia confusa</i> Extracts and Their Phytochemicals. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 781-786.	5.2	47
83	Antrocamphin A, an Anti-inflammatory Principal from the Fruiting Body of <i>Taiwanofungus camphoratus</i> , and Its Mechanisms. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3153-3158.	5.2	63
84	Phytochemicals from <i>Acacia confusa</i> Heartwood Extracts Reduce Serum Uric Acid Levels in Oxonate-Induced Mice: Their Potential Use as Xanthine Oxidase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9936-9941.	5.2	45
85	Anti-inflammatory activities of essential oils and their constituents from different provenances of indigenous cinnamon (<i>Cinnamomum osmophloeum</i>) leaves. <i>Pharmaceutical Biology</i> , 2010, 48, 1130-1136.	2.9	85
86	Variation in antioxidant activity of extracts of <i>Acacia confusa</i> of different ages. <i>Natural Product Communications</i> , 2010, 5, 73-6.	0.5	6
87	Mosquito larvicidal activities of extractives from black heartwood-type <i>Cryptomeria japonica</i> . <i>Parasitology Research</i> , 2009, 105, 1455-1458.	1.6	31
88	Neuropharmacological activities of phytoncide released from <i>Cryptomeria japonica</i> . <i>Journal of Wood Science</i> , 2009, 55, 27-31.	1.9	47
89	Environmentally benign methods for producing green culms of ma bamboo (<i>Dendrocalamus</i>)	1.9	10
90	Insecticidal activities of leaf and twig essential oils from <i>Clausena excavata</i> against <i>Aedes aegypti</i> and <i>Aedes albopictus</i> larvae. <i>Pest Management Science</i> , 2009, 65, 339-343.	3.4	85

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91	Insecticidal activities of leaf essential oils from <i>Cinnamomum osmophloeum</i> against three mosquito species. <i>Bioresource Technology</i> , 2009, 100, 457-464.	9.6	131
92	Chemical compositions and larvicidal activities of leaf essential oils from two eucalyptus species. <i>Bioresource Technology</i> , 2009, 100, 452-456.	9.6	254
93	Free radical-scavenging phytochemicals of hot water extracts of <i>Acacia confusa</i> leaves detected by an on-line screening method. <i>Food Chemistry</i> , 2009, 115, 1019-1024.	8.2	50
94	Effects of alkyl chain length of gallates on their antifungal property and potency as an environmentally benign preservative against wood-decay fungi. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 543-547.	3.9	33
95	Variations in insecticidal activity and chemical compositions of leaf essential oils from <i>Cryptomeria japonica</i> at different ages. <i>Bioresource Technology</i> , 2009, 100, 465-470.	9.6	124
96	Antioxidant activities and phytochemical characteristics of extracts from <i>Acacia confusa</i> bark. <i>Bioresource Technology</i> , 2009, 100, 509-514.	9.6	56
97	Repellency of Essential Oils of <i>Cryptomeria japonica</i> (Pinaceae) against Adults of the Mosquitoes <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera:Culicidae). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11127-11133.	5.2	25
98	Protective effect of <i>Acacia confusa</i> bark extract and its active compound gallic acid against carbon tetrachloride-induced chronic liver injury in rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 1385-1392.	3.6	81
99	Antiinflammatory activity of <i>Lindera erythrocarpa</i> fruits. <i>Phytotherapy Research</i> , 2008, 22, 213-216.	5.8	68
100	Antioxidant activity of the ethanolic extract from the bark of <i>Chamaecyparis obtusa</i> var. <i>formosana</i> . <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1400-1405.	3.5	37
101	Hepatoprotective phytochemicals from <i>Cryptomeria japonica</i> are potent modulators of inflammatory mediators. <i>Phytochemistry</i> , 2008, 69, 1348-1358.	2.9	45
102	Synergistic effects of cinnamaldehyde in combination with eugenol against wood decay fungi. <i>Bioresource Technology</i> , 2008, 99, 232-236.	9.6	92
103	Terminating red imported fire ants using <i>Cinnamomum osmophloeum</i> leaf essential oil. <i>Bioresource Technology</i> , 2008, 99, 889-893.	9.6	54
104	Characterizing the conservation effect of clear coatings on photodegradation of wood. <i>Bioresource Technology</i> , 2008, 99, 1073-1079.	9.6	38
105	Antioxidant activities of ethanolic extracts from the twigs of <i>Cinnamomum osmophloeum</i> . <i>Bioresource Technology</i> , 2008, 99, 1918-1925.	9.6	179
106	Larvicidal activity of tectoquinone isolated from red heartwood-type <i>Cryptomeria japonica</i> against two mosquito species. <i>Bioresource Technology</i> , 2008, 99, 3617-3622.	9.6	79
107	Anti-inflammation activities of essential oil and its constituents from indigenous cinnamon (<i>Cinnamomum osmophloeum</i>) twigs. <i>Bioresource Technology</i> , 2008, 99, 3908-3913.	9.6	278
108	Antifungal activity of cinnamaldehyde and eugenol congeners against wood-rot fungi. <i>Bioresource Technology</i> , 2008, 99, 5145-5149.	9.6	137

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109	Antifungal properties of ethanolic extract and its active compounds from <i>Calocedrus macrolepis</i> var. <i>formosana</i> (Florin) heartwood. <i>Bioresource Technology</i> , 2008, 99, 4871-4877.	9.6	50
110	Antifungal activity of essential oil and its constituents from <i>Calocedrus macrolepis</i> var. <i>formosana</i> Florin leaf against plant pathogenic fungi. <i>Bioresource Technology</i> , 2008, 99, 6266-6270.	9.6	148
111	Environmental-benign methods for the color protection of stripe long-shoot bamboo (<i>Bambusa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 15	6.9	15
112	Essential oil from leaves of <i>Cinnamomum osmophloeum</i> acts as a xanthine oxidase inhibitor and reduces the serum uric acid levels in oxonate-induced mice. <i>Phytomedicine</i> , 2008, 15, 940-945.	5.3	73
113	Antibacterial activities of plant essential oils against <i>Legionella pneumophila</i> . <i>Water Research</i> , 2008, 42, 278-286.	11.3	59
114	Influence of pH on bioactivity of cinnamon oil against <i>Legionella pneumophila</i> and its disinfection efficacy in hot springs. <i>Water Research</i> , 2008, 42, 5022-5030.	11.3	13
115	Cinnamaldehyde inhibits pro-inflammatory cytokines secretion from monocytes/macrophages through suppression of intracellular signaling. <i>Food and Chemical Toxicology</i> , 2008, 46, 220-231.	3.6	189
116	Online RP-HPLC-DPPH Screening Method for Detection of Radical-Scavenging Phytochemicals from Flowers of <i>Acacia confusa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 328-332.	5.2	84
117	Effect of Phytocompounds from the Heartwood of <i>Acacia confusa</i> on Inflammatory Mediator Production. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 1567-1573.	5.2	51
118	Insecticidal activity of essential oil from <i>Chamaecyparis formosensis</i> Matsum. <i>Holzforschung</i> , 2007, 61, 595-599.	1.9	28
119	Specific Plant Terpenoids and Lignoids Possess Potent Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 4087-4095.	6.4	460
120	Anti-termite activities of essential oils from coniferous trees against <i>Coptotermes formosanus</i> . <i>Bioresource Technology</i> , 2007, 98, 456-459.	9.6	84
121	Evaluation of antifungal properties of octyl gallate and its synergy with cinnamaldehyde. <i>Bioresource Technology</i> , 2007, 98, 734-738.	9.6	38
122	Antioxidant activities of natural phenolic compounds from <i>Acacia confusa</i> bark. <i>Bioresource Technology</i> , 2007, 98, 1120-1123.	9.6	127
123	Chemical polymorphism and antifungal activity of essential oils from leaves of different provenances of indigenous cinnamon (<i>Cinnamomum osmophloeum</i>). <i>Bioresource Technology</i> , 2006, 97, 306-312.	9.6	161
124	Modification of wood with isopropyl glycidyl ether and its effects on decay resistance and light stability. <i>Bioresource Technology</i> , 2006, 97, 1265-1271.	9.6	44
125	Studies on photostability of butyrylated, milled wood lignin using spectroscopic analyses. <i>Polymer Degradation and Stability</i> , 2006, 91, 816-822.	5.8	31
126	Essential oil from the leaves of <i>Cryptomeria japonica</i> acts as a silverfish (<i>Lepisma saccharina</i>) repellent and insecticide. <i>Journal of Wood Science</i> , 2006, 52, 522-526.	1.9	50

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127	Green colour protection of makino bamboo (<i>Phyllostachys makinoi</i>) treated with ammoniacal copper quaternary and copper azole preservatives. <i>Polymer Degradation and Stability</i> , 2005, 90, 167-172.	5.8	15
128	Antifungal activities of essential oils and their constituents from indigenous cinnamon (<i>Cinnamomum osmophloeum</i>) leaves against wood decay fungi. <i>Bioresource Technology</i> , 2005, 96, 813-818.	9.6	259
129	Antifungal property of the essential oils and their constituents from <i>Cinnamomum osmophloeum</i> leaf against tree pathogenic fungi. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 2047-2053.	3.5	51
130	Green color protection of bamboo culms using one-step alkali pretreatment-free process. <i>Journal of Wood Science</i> , 2005, 51, 622-627.	1.9	11
131	Anti-Inflammatory Activity of Sugiol, A Diterpene Isolated from <i>Calocedrus formosana</i> Bark. <i>Planta Medica</i> , 2005, 71, 300-305.	1.3	58
132	Structure-activity relationships of cadinane-type sesquiterpene derivatives against wood-decay fungi. <i>Holzforschung</i> , 2005, 59, 620-627.	1.9	45
133	Chemical composition and antifungal activity of essential oil isolated from <i>Chamaecyparis formosensis</i> Matsum. wood. <i>Holzforschung</i> , 2005, 59, 295-299.	1.9	58
134	Study on the Antiinflammatory Activity of Essential Oil from Leaves of <i>Cinnamomum osmophloeum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7274-7278.	5.2	181
135	Phenolic Antioxidants from the Heartwood of <i>Acacia confusa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5917-5921.	5.2	73
136	Chemical Composition and Antifungal Activity of Essential Oils from Different Tissues of Japanese Cedar (<i>Cryptomeria japonica</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 614-619.	5.2	138
137	Antitermitic and Antifungal Activities of Essential Oil of <i>Calocedrus formosana</i> Leaf and Its Composition. <i>Journal of Chemical Ecology</i> , 2004, 30, 1957-1967.	1.8	103
138	Antioxidant activity of extracts from <i>Calocedrus formosana</i> leaf, bark, and heartwood. <i>Journal of Wood Science</i> , 2004, 50, 422-426.	1.9	32
139	Evaluation of the effectiveness of alcohol-borne reagents on the green colour protection of makino bamboo (<i>Phyllostachys makinoi</i>). <i>Polymer Degradation and Stability</i> , 2004, 83, 473-479.	5.8	10
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141	Improvements in dimensional stability and lightfastness of wood by butyrylation using microwave heating. <i>Journal of Wood Science</i> , 2003, 49, 455-460.	1.9	20
142	Bioactivity of selected plant essential oils against the yellow fever mosquito <i>Aedes aegypti</i> larvae. <i>Bioresource Technology</i> , 2003, 89, 99-102.	9.6	223
143	Extraction and determination of chlorophylls from moso bamboo (<i>Phyllostachys pubescens</i>) culm. <i>Perspectives on Global Development and Technology</i> , 2002, 1, 171-180.	0.4	16
144	Reaction Characteristics on the Green Surface of Moso Bamboo (<i>Phyllostachys pubescens</i> Mazel) Treated with Chromated Phosphate. <i>Holzforschung</i> , 2002, 56, 130-134.	1.9	10

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145	Antitermitic Activity of Leaf Essential Oils and Components from <i>Cinnamomum osmophleum</i> . Journal of Agricultural and Food Chemistry, 2002, 50, 1389-1392.	5.2	135
146	Effects of chromated-phosphate treatment process on the green color protection of ma bamboo (<i>Dendrocalamus latiflorus</i>). Journal of Wood Science, 2002, 48, 227-231.	1.9	14
147	Moisture excluding efficiency and dimensional stability of wood improved by acylation. Bioresource Technology, 2002, 85, 201-204.	9.6	56
148	Effects of copper-phosphorous salt treatments on green colour protection and fastness of ma bamboo (<i>Dendrocalamus latiflorus</i>). Polymer Degradation and Stability, 2002, 78, 379-384.	5.8	19
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152	Mechanisms for the surface colour protection of bamboo treated with chromated phosphate. Polymer Degradation and Stability, 2001, 74, 551-557.	5.8	13
153	Antitermitic activity of essential oils and components from <i>Taiwania</i> (<i>Taiwania cryptomerioides</i>). Journal of Chemical Ecology, 2001, 27, 717-724.	1.8	84
154	Effects of Environmental Factors on the Color of Sugi (<i>Cryptomeria japonica</i> D. Don) Yellowish Heartwood. <i>Holzforschung</i> , 2001, 55, 459-463.	1.9	11
155	Inhibition of the Photodiscoloration of Wood by Butyrylation. <i>Holzforschung</i> , 2001, 55, 255-259.	1.9	21
156	Antimite Activity of Essential Oils and Their Constituents from <i>Taiwania cryptomerioides</i> . Journal of Medical Entomology, 2001, 38, 455-457.	1.8	71
157	Photodiscoloration inhibition of wood coated with UV-curable acrylic clear coatings and its elucidation. Polymer Degradation and Stability, 2000, 69, 355-360.	5.8	28
158	Cytotoxicity of extractives from <i>Taiwania cryptomerioides</i> heartwood. <i>Phytochemistry</i> , 2000, 55, 227-232.	2.9	96
159	Environmental effects on the color of sugi (<i>Cryptomeria japonica</i> D. Don) heartwood. Journal of Wood Science, 2000, 46, 390-394.	1.9	15
160	Green-color conservation of ma bamboo (<i>Dendrocalamus latiflorus</i>) treated with chromium-based reagents. Journal of Wood Science, 2000, 46, 40-44.	1.9	35
161	Effects of Alkali Pretreatment on Surface Properties and Green Color Conservation of Moso Bamboo (<i>Phyllostachys pubescens</i> Mazel). <i>Holzforschung</i> , 2000, 54, 487-491.	1.9	21
162	Stabilizing Effect of Chromated Salt Treatment on the Green Color of Ma Bamboo (<i>Dendrocalamus</i>)	1.9	18

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163	Comparison of the Antifungal Activity of Cadinane Skeletal Sesquiterpenoids from Taiwan (Taiwan) Tj ETQq1 1 0.784314 1.9 98 BT /Over	1.9	98
164	Antifungal Compounds in the Ethyl Acetate Soluble Fraction of the Extractives of Taiwan (Taiwan) Tj ETQq0 0 0 1.9 94 BT /Overlock 10 Tf	1.9	94
165	Red color enhancement of sugi (<i>Cryptomeria japonica</i> D. Don) heartwood by light irradiation. <i>Journal of Wood Science</i> , 1999, 45, 271-273.	1.9	11
166	Photo-discoloration of UV-curable acrylic coatings and the underlying wood. <i>Polymer Degradation and Stability</i> , 1999, 63, 435-439.	5.8	24
167	Rapid extraction of epidermis chlorophyll of moso bamboo (<i>Phyllostachys pubescens</i>) culm using ultrasonics. <i>Journal of Wood Science</i> , 1998, 44, 78-80.	1.9	14
168	Protection of wood surfaces against photooxidation. <i>Journal of Applied Polymer Science</i> , 1985, 30, 1429-1448.	2.6	39