

Jyh-Horng Wu

List of Publications by Year in descending order

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83
papers

2,413
citations

201385

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233125

45
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85
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85
docs citations

85
times ranked

2572
citing authors

#	ARTICLE	IF	CITATIONS
1	Djulic Hull Improves Insulin Resistance and Modulates the Gut Microbiota in High-Fat Diet (HFD)-Induced Hyperglycaemia. <i>Antioxidants</i> , 2022, 11, 45.	2.2	8
2	Physicomechanical properties and creep behavior of plywood composed of fully and partially heat-treated veneers. <i>Wood Science and Technology</i> , 2021, 55, 445-460.	1.4	8
3	Proteomics Reveals Octyl Gallate as an Environmentally Friendly Wood Preservative Leading to Reactive Oxygen Species-Driven Metabolic Inflexibility and Growth Inhibition in White-Rot Fungi (<i>Lenzites betulina</i> and <i>Trametes versicolor</i>). <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 145.	1.5	6
4	Transcrystallization of the acetylated bamboo fiber/polypropylene composite under isothermal crystallization. <i>Wood Science and Technology</i> , 2021, 55, 797-810.	1.4	3
5	Comparison of the Physico-Mechanical and Weathering Properties of Wood-Plastic Composites Made of Wood Fibers from Discarded Parts of Pomelo Trees and Polypropylene. <i>Polymers</i> , 2021, 13, 2681.	2.0	2
6	Anti-NAFLD Effect of Djulis Hull and Its Major Compound, Rutin, in Mice with High-Fat Diet (HFD)-Induced Obesity. <i>Antioxidants</i> , 2021, 10, 1694.	2.2	13
7	Effects of Acetylated Veneer on the Natural Weathering Properties of Adhesive-Free Veneer Overlaid Wood-Plastic Composites. <i>Polymers</i> , 2020, 12, 513.	2.0	6
8	Long-Term Creep Behavior Prediction of Sol-Gel Derived SiO ₂ - and TiO ₂ -Wood Composites Using the Stepped Isostress Method. <i>Polymers</i> , 2019, 11, 1215.	2.0	9
9	Antifatigue Activity and Exercise Performance of Phenolic-Rich Extracts from <i>Calendula officinalis</i> , <i>Ribes nigrum</i> , and <i>Vaccinium myrtillus</i> . <i>Nutrients</i> , 2019, 11, 1715.	1.7	18
10	Effects of acetylation on the thermal decomposition kinetics of makino bamboo fibers. <i>Wood Science and Technology</i> , 2019, 53, 873-887.	1.4	9
11	Nonisothermal Crystallization Kinetics of Acetylated Bamboo Fiber-Reinforced Polypropylene Composites. <i>Polymers</i> , 2019, 11, 1078.	2.0	22
12	Preparation of Biomorphic Porous SiC Ceramics from Bamboo by Combining Sol-Gel Impregnation and Carbothermal Reduction. <i>Polymers</i> , 2019, 11, 1442.	2.0	10
13	Molecular Mechanisms Underlying Yatein-Induced Cell-Cycle Arrest and Microtubule Destabilization in Human Lung Adenocarcinoma Cells. <i>Cancers</i> , 2019, 11, 1384.	1.7	10
14	Antitumor agent yatein from <i>Calocedrus formosana</i> Florin leaf induces apoptosis in non-small-cell lung cancer cells. <i>Journal of Wood Science</i> , 2019, 65, .	0.9	2
15	Comparison of physical and thermal properties of various wood-inorganic composites (WICs) derived by the sol-gel process. <i>Holzforschung</i> , 2018, 72, 379-386.	0.9	10
16	Effects of a layered structure on the physicomechanical properties and extended creep behavior of bamboo-polypropylene composites (BPCs) determined by the stepped isostress method. <i>Holzforschung</i> , 2018, 72, 589-597.	0.9	6
17	The influence of bamboo fiber content on the non-isothermal crystallization kinetics of bamboo fiber-reinforced polypropylene composites (BPCs). <i>Holzforschung</i> , 2018, 72, 329-336.	0.9	11
18	Effects of heat treatment on the chemical compositions and thermal decomposition kinetics of Japanese cedar and beech wood. <i>Polymer Degradation and Stability</i> , 2018, 158, 220-227.	2.7	45

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19	Effect of SiO ₂ Content on the Extended Creep Behavior of SiO ₂ -Based Wood-Inorganic Composites Derived via the Sol-Gel Process Using the Stepped Isostress Method. <i>Polymers</i> , 2018, 10, 409.	2.0	13
20	Effects of maleated polypropylene content on the extended creep behavior of wood-polypropylene composites using the stepped isothermal method and the stepped isostress method. <i>Wood Science and Technology</i> , 2018, 52, 1313-1330.	1.4	21
21	The Effect of Maleated Polypropylene on the Non-Isothermal Crystallization Kinetics of Wood Fiber-Reinforced Polypropylene Composites. <i>Polymers</i> , 2018, 10, 382.	2.0	23
22	Two new flavonoids from <i>Derris laxiflora</i> Benth. <i>Phytochemistry Letters</i> , 2017, 21, 29-31.	0.6	5
23	Characteristics and thermal decomposition kinetics of wood-SiO ₂ composites derived by the sol-gel process. <i>Holzforschung</i> , 2017, 71, 233-240.	0.9	19
24	Effects of Heat-Treated Wood Particles on the Physico-Mechanical Properties and Extended Creep Behavior of Wood/Recycled-HDPE Composites Using the Time-Temperature Superposition Principle. <i>Materials</i> , 2017, 10, 365.	1.3	14
25	Characterization of Wood-Plastic Composites Made with Different Lignocellulosic Materials that Vary in Their Morphology, Chemical Composition and Thermal Stability. <i>Polymers</i> , 2017, 9, 726.	2.0	20
26	Effect of <i>Coriolus versicolor</i> Mycelia Extract on Exercise Performance and Physical Fatigue in Mice. <i>International Journal of Medical Sciences</i> , 2017, 14, 1110-1117.	1.1	8
27	Characterization and Thermal Stability of Acetylated Slicewood Production by Alkali-Catalyzed Esterification. <i>Materials</i> , 2017, 10, 393.	1.3	12
28	<i>Rhododendron oldhamii</i> leaf extract improves fatty liver syndrome by increasing lipid oxidation and decreasing the lipogenesis pathway in mice. <i>International Journal of Medical Sciences</i> , 2017, 14, 862-870.	1.1	22
29	Pterocarpanes from <i>Derris Laxiflora</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	0
30	Effect of titanium dioxide particles on the surface morphology and the mechanical properties of PVC composites during QUV accelerated weathering. <i>Polymer Composites</i> , 2016, 37, 3391-3397.	2.3	18
31	Modification of lignin in sugarcane bagasse by a monocopper hydrogen peroxide-generating oxidase from <i>Thermobifida fusca</i> . <i>Process Biochemistry</i> , 2016, 51, 1486-1495.	1.8	16
32	Assessing the effect of wood acetylation on mechanical properties and extended creep behavior of wood/recycled-polypropylene composites. <i>Construction and Building Materials</i> , 2016, 108, 139-145.	3.2	69
33	Proteomics Analysis to Identify and Characterize the Molecular Signatures of Hepatic Steatosis in Ovariectomized Rats as a Model of Postmenopausal Status. <i>Nutrients</i> , 2015, 7, 8752-8766.	1.7	33
34	Antioxidative phytochemicals from <i>Rhododendron oldhamii</i> Maxim. leaf extracts reduce serum uric acid levels in potassium oxonate-induced hyperuricemic mice. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 423.	3.7	34
35	Ferruginol Inhibits Non-Small Cell Lung Cancer Growth by Inducing Caspase-Associated Apoptosis. <i>Integrative Cancer Therapies</i> , 2015, 14, 86-97.	0.8	33
36	Mechanical properties and extended creep behavior of bamboo fiber reinforced recycled poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Materials, 2015, 93, 558-563.	3.2	83

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37	Immune-regulatory activity of methanolic extract of <i>Acacia confusa</i> heartwood and melanoxetin isolated from the extract. <i>Holzforschung</i> , 2015, 69, 645-652.	0.9	3
38	A comparison of annealing process and nucleating agent (zinc phenylphosphonate) on the crystallization, viscoelasticity, and creep behavior of compression-molded poly(lactic acid) blends. <i>Polymer Degradation and Stability</i> , 2015, 121, 230-237.	2.7	22
39	Comparisons and Characteristics of Slicewood Acetylation with Acetic Anhydride by Liquid Phase, Microwave, and Vapor Phase Reactions. <i>BioResources</i> , 2014, 9, .	0.5	9
40	Whole-Body Vibration Training Effect on Physical Performance and Obesity in Mice. <i>International Journal of Medical Sciences</i> , 2014, 11, 1218-1227.	1.1	37
41	Antioxidant Activities and Phytochemicals of Leaf Extracts from 10 Native <i>Rhododendron</i> Species in Taiwan. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	0.5	14
42	Effect of titanium dioxide on chemical and molecular changes in PVC sidings during QUV accelerated weathering. <i>Polymer Degradation and Stability</i> , 2014, 104, 33-39.	2.7	37
43	Anti-inflammatory Lanostanoids and Lactone Derivatives from <i>Antrodia camphorata</i> . <i>Journal of Natural Products</i> , 2013, 76, 489-494.	1.5	30
44	Baicalein Triggers Mitochondria-Mediated Apoptosis and Enhances the Antileukemic Effect of Vincristine in Childhood Acute Lymphoblastic Leukemia CCRF-CEM Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-19.	0.5	15
45	The influence of hot-press temperature and cooling rate on thermal and physicomechanical properties of bamboo particle-poly(lactic acid) composites. <i>Holzforschung</i> , 2013, 67, 325-331.	0.9	22
46	Two New Lignans from the Wood of <i>Cunninghamia konishii</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	0
47	The Hypouricemic Effect of <i>Balanophora laxiflora</i> Extracts and Derived Phytochemicals in Hyperuricemic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-7.	0.5	11
48	Antioxidant Activities and Phytochemical Study of Leaf Extracts from 18 Indigenous Tree Species in Taiwan. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	16
49	Effects of polymeric matrix on accelerated UV weathering properties of wood-plastic composites. <i>Holzforschung</i> , 2012, 66, 981-987.	0.9	30
50	Natural weathering properties of acetylated bamboo plastic composites. <i>Polymer Degradation and Stability</i> , 2012, 97, 1680-1685.	2.7	81
51	EVALUATION AND APPLICATION OF THE INVASIVE WEED MIKANIA MICRANTHA AS AN ALTERNATIVE REINFORCEMENT IN RECYCLED HIGH DENSITY POLYETHYLENE. <i>BioResources</i> , 2012, 7, .	0.5	8
52	Bioactive Phytochemicals of Leaf Essential Oils of <i>Cinnamomum osmophloeum</i> Prevent Lipopolysaccharide-Galactosamine (LPS-GalN)-Induced Acute Hepatitis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8117-8123.	2.4	38
53	Comparison and Characterization of the Antioxidant Potential of 3 Wild Grapes <i>Vitis thunbergii</i> , <i>V. flexuosa</i> , and <i>V. kelungensis</i> . <i>Journal of Food Science</i> , 2011, 76, C701-6.	1.5	17
54	Phytocompounds from <i>Vitis kelungensis</i> stem prevent carbon tetrachloride-induced acute liver injury in mice. <i>Food Chemistry</i> , 2011, 125, 726-731.	4.2	14

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55	Leaf Extracts of <i>Calocedrus formosana</i> (Florin) Induce G2/M Cell Cycle Arrest and Apoptosis in Human Bladder Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-10.	0.5	11
56	Mechanical and interfacial properties of plastic composite panels made from esterified bamboo particles. Journal of Wood Science, 2010, 56, 216-221.	0.9	45
57	Two Novel 15(10 ⁺ 1)Abeomurolane Sesquiterpenes from <i>Cosmos sulphureus</i> . Helvetica Chimica Acta, 2010, 93, 753-756.	1.0	8
58	Screening, determination and quantification of major antioxidants from <i>Balanophora laxiflora</i> flowers. Food Chemistry, 2010, 122, 584-588.	4.2	29
59	Characteristics and discrimination of five types of wood-plastic composites by FTIR spectroscopy combined with principal component analysis. Holzforschung, 2010, 64, .	0.9	34
60	Cytotoxic C ₃₅ Terpenoid Cryptotriene from the Bark of <i>Cryptomeria japonica</i> . Organic Letters, 2010, 12, 2786-2789.	2.4	34
61	Free radical-scavenging phytochemicals of hot water extracts of <i>Acacia confusa</i> leaves detected by an on-line screening method. Food Chemistry, 2009, 115, 1019-1024.	4.2	50
62	Antioxidant activities and phytochemical characteristics of extracts from <i>Acacia confusa</i> bark. Bioresource Technology, 2009, 100, 509-514.	4.8	56
63	Protective effect of <i>Acacia confusa</i> bark extract and its active compound gallic acid against carbon tetrachloride-induced chronic liver injury in rats. Food and Chemical Toxicology, 2009, 47, 1385-1392.	1.8	81
64	Antioxidant activity and constituents of extracts from the root of <i>Garcinia multiflora</i> . Journal of Wood Science, 2008, 54, 383-389.	0.9	11
65	Triterpenoids and Aromatics from <i>Derris laxiflora</i> . Journal of Natural Products, 2008, 71, 1829-1832.	1.5	14
66	Online RP-HPLC-DPPH Screening Method for Detection of Radical-Scavenging Phytochemicals from Flowers of <i>Acacia confusa</i> . Journal of Agricultural and Food Chemistry, 2008, 56, 328-332.	2.4	84
67	Effect of Phytocompounds from the Heartwood of <i>Acacia confusa</i> on Inflammatory Mediator Production. Journal of Agricultural and Food Chemistry, 2008, 56, 1567-1573.	2.4	51
68	A Galactolipid Possesses Novel Cancer Chemopreventive Effects by Suppressing Inflammatory Mediators and Mouse B16 Melanoma. Cancer Research, 2007, 67, 6907-6915.	0.4	73
69	Antioxidant activities of natural phenolic compounds from <i>Acacia confusa</i> bark. Bioresource Technology, 2007, 98, 1120-1123.	4.8	127
70	Green colour protection of makino bamboo (<i>Phyllostachys makinoi</i>) treated with ammoniacal copper quaternary and copper azole preservatives. Polymer Degradation and Stability, 2005, 90, 167-172.	2.7	15
71	Green color protection of bamboo culms using one-step alkali pretreatment-free process. Journal of Wood Science, 2005, 51, 622-627.	0.9	11
72	Phenolic Antioxidants from the Heartwood of <i>Acacia confusa</i> . Journal of Agricultural and Food Chemistry, 2005, 53, 5917-5921.	2.4	73

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73	Antioxidant activity of extracts from <i>Calocedrus formosana</i> leaf, bark, and heartwood. <i>Journal of Wood Science</i> , 2004, 50, 422-426.	0.9	32
74	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.	2.7	10
75	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.	0.2	16
76	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.	0.9	10
77	Effects of chromated-phosphate treatment process on the green color protection of ma bamboo (<i>Dendrocalamus latiflorus</i>). <i>Journal of Wood Science</i> , 2002, 48, 227-231.	0.9	14
78	Effects of copper-phosphorous salt treatments on green colour protection and fastness of ma bamboo (<i>Dendrocalamus latiflorus</i>). <i>Polymer Degradation and Stability</i> , 2002, 78, 379-384.	2.7	19
79	Antioxidant Activity of Extracts from <i>Acacia confusa</i> Bark and Heartwood. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 3420-3424.	2.4	380
80	Mechanisms for the surface colour protection of bamboo treated with chromated phosphate. <i>Polymer Degradation and Stability</i> , 2001, 74, 551-557.	2.7	13
81	Green-color conservation of ma bamboo (<i>Dendrocalamus latiflorus</i>) treated with chromium-based reagents. <i>Journal of Wood Science</i> , 2000, 46, 40-44.	0.9	35
82	Stabilizing Effect of Chromated Salt Treatment on the Green Color of Ma Bamboo (<i>Dendrocalamus</i>)	0.9	18
83	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.	0.9	14