

Shinkichi Tawata, аѡа'Œç”°çœă•

List of Publications by Year in descending order

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94
papers

3,214
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172207

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95
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95
docs citations

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times ranked

3770
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical composition and pharmacological properties of <i>Macaranga</i> type Pacific propolis: A review. <i>Phytotherapy Research</i> , 2021, 35, 207-222.	2.8	27
2	Molecular modelling approaches predicted 1,2,3-triazolyl ester of ketorolac (15K) to be a novel allosteric modulator of the oncogenic kinase PAK1. <i>Scientific Reports</i> , 2021, 11, 17471.	1.6	4
3	p21-Activated kinase 1 (PAK1) in aging and longevity: An overview. <i>Ageing Research Reviews</i> , 2021, 71, 101443.	5.0	14
4	A computational approach to explore and identify potential herbal inhibitors for the p21-activated kinase 1 (PAK1). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3514-3526.	2.0	11
5	$\hat{1}\pm$ - and $\hat{1}^2$ -Santalols Delay Aging in <i>Caenorhabditis elegans</i> via Preventing Oxidative Stress and Protein Aggregation. <i>ACS Omega</i> , 2020, 5, 32641-32654.	1.6	22
6	Effect of sucrose on antioxidant activities and other health-related micronutrients in gamma-aminobutyric acid (GABA)-enriched sprouting Southern Vietnam brown rice. <i>Journal of Cereal Science</i> , 2020, 93, 102985.	1.8	16
7	Cytotoxic and anti-inflammatory resorcinol and alkylbenzoquinone derivatives from the leaves of <i>Ardisia sieboldii</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 303-311.	0.6	11
8	Anti-Inflammatory, Anti-Diabetic, and Anti-Alzheimer's Effects of Prenylated Flavonoids from Okinawa Propolis: An Investigation by Experimental and Computational Studies. <i>Molecules</i> , 2018, 23, 2479.	1.7	70
9	Cytotoxic Desulfated Saponin from <i>Holothuria atra</i> Predicted to Have High Binding Affinity to the Oncogenic Kinase PAK1: A Combined In Vitro and In Silico Study. <i>Scientia Pharmaceutica</i> , 2018, 86, 32.	0.7	15
10	1,2,3-Triazolyl ester of Ketorolac: A Click Chemistry-based highly potent PAK1-blocking cancer-killer. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 270-276.	2.6	31
11	1,2,3-Triazolyl esterization of PAK1-blocking propolis ingredients, artepillin C (ARC) and caffeic acid (CA), for boosting their anti-cancer/anti-PAK1 activities along with cell-permeability. <i>Drug Discoveries and Therapeutics</i> , 2017, 11, 104-109.	0.6	16
12	Hair Growth Promoting and Anticancer Effects of p21-activated kinase 1 (PAK1) Inhibitors Isolated from Different Parts of <i>Alpinia zerumbet</i> . <i>Molecules</i> , 2017, 22, 132.	1.7	17
13	Fronodoside A from sea cucumber and nymphaeols from Okinawa propolis: Natural anti-cancer agents that selectively inhibit PAK1 in vitro. <i>Drug Discoveries and Therapeutics</i> , 2017, 11, 110-114.	0.6	45
14	The serum/PDGF-dependent "melanogenic" role of the minute level of the oncogenic kinase PAK1 in melanoma cells proven by the highly sensitive kinase assay. <i>Drug Discoveries and Therapeutics</i> , 2016, 10, 314-322.	0.6	14
15	Artepillin C and Other Herbal PAK1-blockers: Effects on Hair Cell Proliferation and Related PAK1-dependent Biological Function in Cell Culture. <i>Phytotherapy Research</i> , 2016, 30, 120-127.	2.8	24
16	Effect of Okinawa Propolis on PAK1 Activity, <i>Caenorhabditis elegans</i> Longevity, Melanogenesis, and Growth of Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5484-5489.	2.4	35
17	The Chemistry and Biological Activities of Mimosine: A Review. <i>Phytotherapy Research</i> , 2016, 30, 1230-1242.	2.8	33
18	5,6-Dehydrokawain from <i>Alpinia zerumbet</i> promotes osteoblastic MC3T3-E1 cell differentiation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1425-1432.	0.6	21

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19	Insecticidal and Nematicidal Activities of Novel Mimosine Derivatives. <i>Molecules</i> , 2015, 20, 16741-16756.	1.7	22
20	Combination of immunoprecipitation (IP)-ATP_Glo kinase assay and melanogenesis for the assessment of potent and safe PAK1-blockers in cell culture. <i>Drug Discoveries and Therapeutics</i> , 2015, 9, 289-295.	0.6	11
21	Mimosine Dipeptide Enantiomers: Improved Inhibitors against Melanogenesis and Cyclooxygenase. <i>Molecules</i> , 2015, 20, 14334-14347.	1.7	13
22	Anti-Oxidant, Anti-Aging, and Anti-Melanogenic Properties of the Essential Oils from Two Varieties of <i>Alpinia zerumbet</i> . <i>Molecules</i> , 2015, 20, 16723-16740.	1.7	86
23	Hispidin and related herbal compounds from <i>Alpinia zerumbet</i> inhibit both PAK1-dependent melanogenesis in melanocytes and reactive oxygen species (ROS) production in adipocytes. <i>Drug Discoveries and Therapeutics</i> , 2015, 9, 197-204.	0.6	22
24	Anti-Obesity Effects of Hispidin and <i>Alpinia zerumbet</i> Bioactives in 3T3-L1 Adipocytes. <i>Molecules</i> , 2014, 19, 16656-16671.	1.7	43
25	Chemical Composition, Anti-neuraminidase, and Anti-atherogenic Activities of the Essential Oil from two Varieties of <i>Alpinia zerumbet</i> Leaves. <i>Journal of Food Science and Technology Nepal</i> , 2014, 7, 22-30.	0.2	2
26	Several herbal compounds in Okinawa plants directly inhibit the oncogenic/aging kinase PAK1. <i>Drug Discoveries and Therapeutics</i> , 2014, 8, 238-244.	0.6	24
27	Significant Longevity-Extending Effects of <i>Alpinia zerumbet</i> Leaf Extract on the Life Span of <i>Caenorhabditis elegans</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 217-223.	0.6	39
28	Allelopathic interference of sweet potato with cogongrass and relevant species. <i>Plant Ecology</i> , 2012, 213, 1955-1961.	0.7	9
29	Effect of <i>Alpinia zerumbet</i> components on antioxidant and skin diseases-related enzymes. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 106.	3.7	73
30	Antiatherogenic Properties of Acetone Extract of <i>Alpinia zerumbet</i> Seeds. <i>Molecules</i> , 2012, 17, 6237-6248.	1.7	25
31	Antioxidant capacity and phenolic content of <i>Rumex dentatus</i> L. Grown in Egypt. <i>Journal of Crop Science and Biotechnology</i> , 2012, 15, 59-64.	0.7	31
32	Antioxidant, Antimicrobial, 15α-LX, and AGEs Inhibitions by Pineapple Stem Waste. <i>Journal of Food Science</i> , 2012, 77, H9-15.	1.5	25
33	Solid-Phase Synthesis of Mimosine Tetrapeptides and Their Inhibitory Activities on Neuraminidase and Tyrosinase. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12858-12863.	2.4	26
34	HIV-1 Integrase and Neuraminidase Inhibitors from <i>Alpinia zerumbet</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2857-2862.	2.4	56
35	Antioxidant phenolic compounds from <i>Smilax sebeana</i> Miq.. <i>LWT - Food Science and Technology</i> , 2011, 44, 1681-1686.	2.5	18
36	Advanced glycation end products inhibitors from <i>Alpinia zerumbet</i> rhizomes. <i>Food Chemistry</i> , 2011, 129, 709-715.	4.2	64

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37	Effect of Extraction and Drying Methods on the Contents of Kava Prones and Phenolic Compounds in <i>Alpinia zerumbet</i> Leaves. <i>Asian Journal of Plant Sciences</i> , 2011, 10, 414-418.	0.2	2
38	Isolation and identification of antioxidant and hyaluronidase inhibitory compounds from <i>Ficus microcarpa</i> L. fil. bark. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 406-413.	2.5	23
39	Variation of weed-suppressing potential of Vietnamese rice cultivars against barnyardgrass (<i>Echinochloa crus-galli</i>) in laboratory, greenhouse and field screenings. <i>Journal of Plant Interactions</i> , 2009, 4, 209-218.	1.0	19
40	Biological activity and composition of extract from aerial root of <i>Ficus microcarpa</i> L. fil.. <i>International Journal of Food Science and Technology</i> , 2009, 44, 349-358.	1.3	9
41	Chemical Interaction in the Invasiveness of Cogongrass (<i>Imperata cylindrica</i> (L.) Beauv.). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9448-9453.	2.4	35
42	Efficacy of extracting solvents to chemical components of kava (<i>Piper methysticum</i>) roots. <i>Journal of Natural Medicines</i> , 2008, 62, 188-194.	1.1	52
43	Allelochemicals of barnyardgrass-infested soil and their activities on crops and weeds. <i>Weed Biology and Management</i> , 2008, 8, 267-275.	0.6	16
44	Chemical composition and antioxidant, antibacterial and antifungal activities of the essential oils from <i>Bidens pilosa</i> Linn. var. <i>Radiata</i> . <i>Food Control</i> , 2008, 19, 346-352.	2.8	290
45	Evaluation of antioxidant and antibacterial activities of <i>Ficus microcarpa</i> L. fil. extract. <i>Food Control</i> , 2008, 19, 940-948.	2.8	208
46	Total utilization of tropical plants <i>Leucaena leucocephala</i> and <i>Alpinia zerumbet</i> . <i>Journal of Pesticide Sciences</i> , 2008, 33, 40-43.	0.8	32
47	MMP-13 Inhibitory Activity of Thirteen Selected Plant Species from Okinawa. <i>International Journal of Pharmacology</i> , 2008, 4, 202-207.	0.1	12
48	Toward deeper understanding of bioactive molecules for innovative crop protection. <i>Journal of Pesticide Sciences</i> , 2008, 33, 1-3.	0.8	0
49	Comparative efficacies in vitro of antibacterial, fungicidal, antioxidant, and herbicidal activities of momilatonones A and B. <i>Journal of Plant Interactions</i> , 2007, 2, 245-251.	1.0	53
50	Isolation and Characterization of Alginate from <i>Hizikia fusiformis</i> and Preparation of its Oligosaccharides. <i>Journal of Applied Glycoscience</i> (1999), 2007, 54, 85-90.	0.3	4
51	Essential oils, kava prones and phenolic compounds from leaves and rhizomes of <i>Alpinia zerumbet</i> (Pers.) B.L. Burtt. & R.M. Sm. and their antioxidant activity. <i>Food Chemistry</i> , 2007, 103, 486-494.	4.2	104
52	Antioxidant activity and contents of essential oil and phenolic compounds in flowers and seeds of <i>Alpinia zerumbet</i> (Pers.) B.L. Burtt. & R.M. Sm. <i>Food Chemistry</i> , 2007, 104, 1648-1653.	4.2	118
53	Herbicidal and fungicidal activities and identification of potential phytotoxins from <i>Bidens pilosa</i> L. var. <i>radiata</i> Scherff. <i>Weed Biology and Management</i> , 2007, 7, 77-83.	0.6	41
54	Changes in essential oil, kava prones and total phenolics of <i>Alpinia zerumbet</i> (Pers.) B.L. Burtt. & R.M. Sm. leaves exposed to copper sulphate. <i>Environmental and Experimental Botany</i> , 2007, 59, 347-353.	2.0	47

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55	Purification and characterization of extracellular cysteine protease inhibitor, ECPI-2, from <i>Chlorella</i> sp.. <i>Journal of Bioscience and Bioengineering</i> , 2006, 101, 166-171.	1.1	9
56	Herbicidal and Fungicidal Activities of Lactones in Kava (<i>Piper methysticum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 720-725.	2.4	33
57	Current status of biological control of paddy weeds in Vietnam. <i>Weed Biology and Management</i> , 2006, 6, 1-9.	0.6	20
58	Weed suppression by <i>Passiflora edulis</i> and its potential allelochemicals. <i>Weed Research</i> , 2006, 46, 296-303.	0.8	41
59	Identification of Phytotoxic Substances from Early Growth of Barnyard Grass (<i>Echinochloa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 5	0.9	71
60	Antioxidant and Antibacterial Activities of <i>Rumex japonicus</i> HOUTT. Aerial Parts. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2225-2230.	0.6	108
61	Angiotensin I-Converting Enzyme Inhibitory Peptides Isolated from Tofuyo Fermented Soybean Food. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1278-1283.	0.6	170
62	An Antihemolysin from Pineapple Stem.. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2003, 50, 141-144.	0.1	1
63	An alkaline protease inhibitor from <i>Aspergillus oryzae</i> W-1. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2003, 50, 327-330.	0.1	0
64	Purification and Some Properties of an Alkaline Protease Inhibitor-Inactivating-Enzyme from <i>Aspergillus oryzae</i> W-1. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2003, 50, 578-581.	0.1	0
65	Isolation and Characterization of Fucoidan from <i>Hizikia fusiformis</i> (Hijiki). <i>Journal of Applied Glycoscience</i> (1999), 2003, 50, 361-365.	0.3	10
66	Syntheses and Biological Activities of Pyranyl-substituted Cinnamates. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 161-163.	0.6	13
67	Inhibitory Effects of <i>Alpinia speciosa</i> K. SCHUM on the Porphyrin Photooxidative Reaction. <i>Journal of Dermatology</i> , 2000, 27, 312-317.	0.6	11
68	Fungitoxic and Phytotoxic Activities of Cinnamic Acid Esters and Amides. <i>Journal of Pesticide Sciences</i> , 2000, 25, 263-266.	0.8	15
69	Synthesis and Fungitoxic Activity of α -Cinnamoyl- β -Amino Acid Esters. <i>Journal of Pesticide Sciences</i> , 2000, 25, 259-262.	0.8	1
70	Disintegration of uncooked rice by carboxymethyl cellulase from <i>Sporotrichum</i> sp. HG-I. <i>Journal of Bioscience and Bioengineering</i> , 1999, 87, 249-251.	1.1	9
71	Purification and Characterization of Intracellular Cysteine Protease Inhibitor from <i>Chlorella</i> sp... <i>Food Science and Technology Research</i> , 1999, 5, 210-213.	0.3	3
72	Purification and Characterization of Feruloyl Esterase from <i>Aspergillus awamori</i> .. <i>Food Science and Technology Research</i> , 1999, 5, 251-254.	0.3	4

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73	Synthesis and Fungicidal Activity of New 6-Alkyl-2-alkylamino-4 <i>H</i> -1,3,2-benzodioxaphosphorin 2-Sulfides. <i>Journal of Pesticide Sciences</i> , 1998, 23, 137-140.	0.8	1
74	Synthesis and Fungicidal Activity of 6-Alkyl Six-membered Cyclic Thiophosphates. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997, 61, 2103-2105.	0.6	1
75	Purification and some properties of a thermostable xylanase from thermophilic fungus strain HG-1. <i>Journal of Bioscience and Bioengineering</i> , 1997, 83, 478-480.	0.9	16
76	Synthesis and Antifungal Activity of Cinnamic Acid Esters. <i>Bioscience, Biotechnology and Biochemistry</i> , 1996, 60, 909-910.	0.6	118
77	Syntheses and Biological Activities of Dihydro-5,6-dehydrokawain Derivatives. <i>Bioscience, Biotechnology and Biochemistry</i> , 1996, 60, 1643-1645.	0.6	34
78	Synthesis and Fungicidal Activity of New Thiophosphorylated Monoterpenoids and Related Compounds. <i>Journal of Pesticide Sciences</i> , 1996, 21, 141-146.	0.8	4
79	Purification and Properties of a Ribonuclease from a Species of the Genus <i>Monascus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 327-328.	0.6	4
80	Synthesis and Fungicidal Activity of New Six-membered Cyclic Phosphates. <i>Journal of Pesticide Sciences</i> , 1995, 20, 273-278.	0.8	1
81	Synthesis and Fungicidal Activity of New 1,3,2-Oxazaphospholidine 2-Sulfides. <i>Journal of Pesticide Sciences</i> , 1994, 19, 299-304.	0.8	9
82	Mimosine, a nonprotein amino acid, inhibits growth and enzyme systems in <i>Tribolium castaneum</i> . <i>Pesticide Biochemistry and Physiology</i> , 1991, 39, 35-42.	1.6	18
83	Inhibitory effect of flavonoids on DNA-dependent DNA and RNA polymerases. <i>Experientia</i> , 1988, 44, 882-885.	1.2	40
84	Cytotoxicity of plant flavonoids against HeLa cells. <i>Phytochemistry</i> , 1988, 27, 1017-1020.	1.4	50
85	Antibacterial Activity of Flavonoids against <i>Staphylococcus epidermidis</i> , a Skin Bacterium. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 139-143.	0.3	6
86	Antibacterial activity of flavonoids against <i>Staphylococcus epidermidis</i> , a skin bacterium.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 139-143.	0.3	71
87	Antibacterial activity and mode of action of plant flavonoids against <i>Proteus vulgaris</i> and <i>Staphylococcus aureus</i> . <i>Phytochemistry</i> , 1987, 26, 2231-2234.	1.4	226
88	Insecticidal 4-alkylidene-1,3,2-benzodioxaphosphorinane derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 198-199.	2.4	1
89	[Z]-4-alkylidene-1,3,2-benzodioxaphosphorinane 2-oxides from stereospecific cyclization of 2-alkylketophenyl phosphonates and phosphates. <i>Bioorganic Chemistry</i> , 1982, 11, 457-462.	2.0	1
90	Title is missing!. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1981, 1981, 705-711.	0.1	2

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91	Studies on oxazaphospholidines with pesticidal activities. III. Synthesis and chemical properties of insecticidal 2-alkoxy-4-alkyl-1,3,2-oxazaphospholidine 2-sulfides derived from optically active amino acids.. Agricultural and Biological Chemistry, 1980, 44, 1489-1498.	0.3	4
92	Synthesis and Chemical Properties of Insecticidal 2-Alkoxy-4-alkyl-1,3,2-oxazaphospholidine 2-Sulfides Derived from Optically Active Amino Acids. Agricultural and Biological Chemistry, 1980, 44, 1489-1498.	0.3	1
93	Novel Insecticidal Five-Membered Cyclic Phosphoramidothionates Derived from L-Amino Acids. Journal of Pesticide Sciences, 1978, 3, 161-163.	0.8	5
94	Synthesis and Insecticidal Activities of Five-membered Cyclic Phosphoramidates and Phosphoramidothiolates. Journal of Pesticide Sciences, 1978, 3, 257-266.	0.8	1