

Irmanida Batubara

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

898
citations

516681
16
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25
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72
all docs

72
docs citations

72
times ranked

926
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#	ARTICLE	IF	CITATIONS
1	Diversity of <i>Adenostemma lavenia</i> , multi-potential herbs, and its kaurenoic acid composition between Japan and Taiwan. <i>Journal of Natural Medicines</i> , 2022, 76, 132-143.	2.3	7
2	α -glucosidase inhibitors from <i>Syzygium polyanthum</i> (Wight) Walp leaves as revealed by metabolomics and in silico approaches. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114618.	4.1	10
3	Antimicrobial activities of fungus comb extracts isolated from Indomalayan termite (<i>Macrotermes</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.0	10
4	Thermal Stability of Anisoyl Kaempferol Glycosides in Jack Bean (<i>Canavalia ensiformis</i> (L.) DC) and Their Effect on α -Glucosidase Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2695-2700.	5.2	4
5	Adenostemmoic acid B suppresses NO production by downregulating the expression and inhibiting the enzymatic activity of iNOS. <i>Phytochemistry Letters</i> , 2022, 49, 131-137.	1.2	2
6	Characterization of Antioxidant Compound from <i>Syzygium polyanthum</i> Leaves Fraction Using UHPLC-HRMS. <i>Molekul</i> , 2021, 16, 38.	0.3	4
7	Effects of dietary flavonoids on performance, blood constituents, carcass composition and small intestinal morphology of broilers: a meta-analysis. <i>Animal Bioscience</i> , 2021, 34, 434-442.	2.0	21
8	Evaluation of Indonesian mangrove <i>Xylocarpus granatum</i> leaves ethyl acetate extract as potential anticancer drug. <i>Scientific Reports</i> , 2021, 11, 6080.	3.3	13
9	Architectural and physical properties of fungus comb from subterranean termite <i>Macrotermes gilvus</i> (Isoptera: Termitidae) mound. <i>Biodiversitas</i> , 2021, 22, .	0.6	7
10	Effect of furfurylation treatment on technological properties of short rotation teak wood. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1689-1699.	5.8	22
11	Antidiabetic activity screening and nmr profile of vegetable and spices commonly consumed in Indonesia. <i>Food Science and Technology</i> , 2021, 41, 254-264.	1.7	7
12	The effect of heat treatment on the characteristics of the short rotation teak. <i>International Wood Products Journal</i> , 2021, 12, 218-227.	1.1	4
13	Identification of Targeted Proteins by Jamu Formulas for Different Efficacies Using Machine Learning Approach. <i>Life</i> , 2021, 11, 866.	2.4	3
14	Pharmacological Activity and Phytochemical Profile of Acacia Heartwood Extracts. <i>Scientia Pharmaceutica</i> , 2021, 89, 37.	2.0	10
15	Antiaging and Antioxidant Bioactivities of Asteraceae Plant Fractions on the Cellular Functions of the Yeast <i>Schizosaccharomyces pombe</i> . <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2021, 2021, 1-12.	1.3	4
16	Antiaging and Skin Irritation Potential of Four Main Indonesian Essential Oils. <i>Cosmetics</i> , 2021, 8, 94.	3.3	7
17	Effect of glycerol-maleic anhydride treatment on technological properties of short rotation teak wood. <i>Wood Science and Technology</i> , 2021, 55, 1795-1819.	3.2	9
18	Chemical Components of Fungus Comb from Indo-Malayan Termite <i>Macrotermes gilvus</i> Hagen Mound and Its Bioactivity against Wood-Staining Fungi. <i>Forests</i> , 2021, 12, 1591.	2.1	5

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19	Screening of Potential Indonesia Herbal Compounds Based on Multi-Label Classification for 2019 Coronavirus Disease. <i>Big Data and Cognitive Computing</i> , 2021, 5, 75.	4.7	2
20	<i>Trichoderma hamatum</i> derived from coffee plant (<i>Coffea canephora</i>) rhizosphere inhibit <i>Candida albicans</i> Growth. <i>Biosaintifika: Journal of Biology & Biology Education</i> , 2021, 13, 369-378.	0.2	2
21	Chemical screening identifies an extract from marine <i>Pseudomonas</i> sp.-PTR-08 as an anti-aging agent that promotes fission yeast longevity by modulating the <i>Pap1</i> pathway and the cell cycle. <i>Molecular Biology Reports</i> , 2020, 47, 33-43.	2.3	10
22	Antidiabetic components from the hexane extract of red kidney beans (<i>Phaseolus vulgaris</i> L.): isolation and structure determination. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 598-605.	1.3	4
23	The Antiaging Effect of Active Fractions and Ent-11-Hydroxy-15-Oxo-Kaur-16-En-19-Oic Acid Isolated from <i>Adenostemma lavenia</i> (L.) O. Kuntze at the Cellular Level. <i>Antioxidants</i> , 2020, 9, 719.	5.1	12
24	Genotype selection for phytochemical content and pharmacological activities in ethanol extracts of fifteen types of <i>Orthosiphon aristatus</i> (Blume) Miq. leaves using chemometric analysis. <i>Scientific Reports</i> , 2020, 10, 20945.	3.3	16
25	Identification and Characterization of α -Glucosidase Inhibition Flavonol Glycosides from Jack Bean		

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37	Antibacterial and Biofilm Degradation Activity of Extract From Steam Distillation Residue of Zingiberaceae Leaves Against Streptococcus mutans. Journal of the Indonesian Chemical Society, 2019, 2, 42.	0.3	2
38	Melanogenesis inhibitory activity of components from Salam leaf (Syzygium polyanthum) extract. Journal of Natural Medicines, 2018, 72, 474-480.	2.3	12
39	Prediction of Plant-Disease Relations Based on Unani Formulas by Network Analysis. , 2018, , .		4
40	Bacillus sp. SAB E-41-derived extract shows antiaging properties via ctt1-mediated oxidative stress tolerance response in yeast Schizosaccharomyces pombe. Asian Pacific Journal of Tropical Biomedicine, 2018, 8, 533.	1.2	11
41	Anti-diabetic Potency and Characteristics of Probiotic Goat-Milk Yogurt Supplemented with Roselle Extract during Cold Storage. Tropical Animal Science Journal, 2018, 41, 191-199.	0.7	17
42	Anti-tyrosinase, total phenolic content and antioxidant activity of selected Sudanese medicinal plants. South African Journal of Botany, 2017, 109, 9-15.	2.5	80
43	Fluorometric based procedure for measuring curcumin concentration in commercial herbal medicines. Optik, 2017, 149, 125-131.	2.9	6
44	Metabolomic Studies of Indonesian Jamu Medicines: Prediction of Jamu Efficacy and Identification of Important Metabolites. Molecular Informatics, 2017, 36, 1700050.	2.5	17
45	ANTIBACTERIAL ACTIVITY OF FLAVONOID FROM KEPEL (STELCHOCARPUS BURAHOL) LEAVES AGAINST STAPHYLOCOCCUS EPIDERMIDIS. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 292.	0.3	2
46	IN VIVO ANTI-HYPERCHOLESTEROLEMIA EFFECT OF INDONESIAN JAMU FORMULA. International Journal of Research in Ayurveda and Pharmacy, 2017, 7, 79-84.	0.1	0
47	Screening Marker Components Of Tyrosinase Inhibitor From Xylocarpus Granatum Stem. Jurnal Kimia Valensi, 2017, 2, .	0.1	3
48	Antibacterial and Teeth Biofilm Degradation Activity of Curcuma aeruginosa Essential Oil. Journal of Biological Sciences, 2017, 17, 84-90.	0.3	5
49	Antimicrobial and Antioxidant Activities of Bacterial Extracts from Marine Bacteria Associated with Sponge & Stylotella sp.. American Journal of Biochemistry and Biotechnology, 2016, 12, 36-46.	0.4	18
50	Utilization of Rice Husk as Pb Adsorbent in Blood Cockles. IOP Conference Series: Earth and Environmental Science, 2016, 31, 012044.	0.3	1
51	Utilization of KNApSACk Family Databases for Developing Herbal Medicine Systems. Journal of Computer Aided Chemistry, 2016, 17, 1-7.	0.3	8
52	Finding an appropriate equation to measure similarity between binary vectors: case studies on Indonesian and Japanese herbal medicines. BMC Bioinformatics, 2016, 17, 520.	2.6	15
53	Utilization of Anting-Anting (Acalypha indica) Leaves as Antibacterial. IOP Conference Series: Earth and Environmental Science, 2016, 31, 012038.	0.3	2
54	Short Communication: Screening the potency of Zingiberaceae leaves as antioxidant and antiaging agent. Nusantara Bioscience, 2016, 8, 221-225.	0.6	4

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55	The Essential Oil of Zingiberaceae Leaf as Antioxidant and Antiglycation. Indonesian Journal of Essential Oil, 2016, 1, 44-52.	0.1	8
56	HPLC Fingerprint Analysis Combined with Chemometrics for Authentication of <i>Kaempferia galanga</i> from Related Species. Indonesian Journal of Chemistry, 2016, 16, 308.	0.8	2
57	Antibacterial activity of zingiberaceae leaves Essential oils against streptococcus mutans And teeth-biofilm degradation. International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	10
58	Extracellular melanogenesis inhibitory activity and the structure-activity relationships of ugonins from <i>Helminthostachys zeylanica</i> roots. <i>FĀ-toterapĀ-ĀĈ</i> , 2015, 104, 69-74.	2.2	21
59	Effects of Inhaled Citronella Oil and Related Compounds on Rat Body Weight and Brown Adipose Tissue Sympathetic Nerve. <i>Nutrients</i> , 2015, 7, 1859-1870.	4.1	21
60	Flower Bracts of Temulawak (<i>Curcuma Xanthorrhiza</i>) for Skin Care: Anti-acne and Whitening Agents. <i>Procedia Chemistry</i> , 2015, 14, 216-224.	0.7	23
61	Supervised Clustering Based on DPCLUSO: Prediction of Plant-Disease Relations Using Jamu Formulas of KNApSAcK Database. <i>BioMed Research International</i> , 2014, 2014, 1-15.	1.9	21
62	<i>Intsia palembanica</i> wood extracts and its isolated compounds as <i>Propionibacterium acnes</i> lipase inhibitor. <i>Journal of Wood Science</i> , 2014, 60, 169-174.	1.9	27
63	Synthesis of quercetin glycosides and their melanogenesis stimulatory activity in B16 melanoma cells. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 937-944.	3.0	31
64	Novel quercetin glucosides from <i>Helminthostachys zeylanica</i> root and acceleratory activity of melanin biosynthesis. <i>Journal of Natural Medicines</i> , 2013, 67, 369-374.	2.3	23
65	USE OF INDONESIAN MEDICINAL PLANTS PRODUCTS AGAINST ACNE. <i>Reviews in Agricultural Science</i> , 2013, 1, 11-30.	2.7	5
66	Effect of Zingiber zerumbet Essential Oils and Zerumbone Inhalation on Body Weight of Sprague Dawley Rat. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1028-1033.	0.5	14
67	Indonesian Kepek Fruit (<i>Stelechocarpus burahol</i>) as Oral Deodorant. <i>Research Journal of Medicinal Plant</i> , 2012, 6, 180-188.	0.3	5
68	Tyrosinase Kinetic Inhibition of Active Compounds from <i>Intsia palembanica</i> . <i>Research Journal of Medicinal Plant</i> , 2012, 6, 615-620.	0.3	5
69	Flavonoid from <i>Intsia palembanica</i> as Skin Whitening Agent. <i>Journal of Biological Sciences</i> , 2011, 11, 475-480.	0.3	8
70	Brazilin from <i>Caesalpinia sappan</i> wood as an antiacne agent. <i>Journal of Wood Science</i> , 2010, 56, 77-81.	1.9	54
71	Potency of Indonesian Medicinal Plants as Tyrosinase Inhibitor and Antioxidant Agent. <i>Journal of Biological Sciences</i> , 2010, 10, 138-144.	0.3	64
72	Screening antiacne potency of Indonesian medicinal plants: antibacterial, lipase inhibition, and antioxidant activities. <i>Journal of Wood Science</i> , 2009, 55, 230-235.	1.9	68