

# Irmanida Batubara

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61

papers

512

citations

12

h-index

20

g-index

72

ext. papers

667

ext. citations

2.1

avg, IF

4.04

L-index

#	Paper	IF	Citations
61	Potency of Indonesian Medicinal Plants as Tyrosinase Inhibitor and Antioxidant Agent. <i>Journal of Biological Sciences</i> , <b>2010</b> , 10, 138-144	0.4	50
60	Anti-tyrosinase, total phenolic content and antioxidant activity of selected Sudanese medicinal plants. <i>South African Journal of Botany</i> , <b>2017</b> , 109, 9-15	2.9	49
59	Screening antiacne potency of Indonesian medicinal plants: antibacterial, lipase inhibition, and antioxidant activities. <i>Journal of Wood Science</i> , <b>2009</b> , 55, 230-235	2.4	43
58	Brazilin from <i>Caesalpinia sappan</i> wood as an antiacne agent. <i>Journal of Wood Science</i> , <b>2010</b> , 56, 77-81	2.4	37
57	Synthesis of quercetin glycosides and their melanogenesis stimulatory activity in B16 melanoma cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 937-44	3.4	25
56	Novel quercetin glucosides from <i>Helminthostachys zeylanica</i> root and acceleratory activity of melanin biosynthesis. <i>Journal of Natural Medicines</i> , <b>2013</b> , 67, 369-74	3.3	21
55	<i>Intsia palembanica</i> wood extracts and its isolated compounds as <i>Propionibacterium acnes</i> lipase inhibitor. <i>Journal of Wood Science</i> , <b>2014</b> , 60, 169-174	2.4	19
54	Extracellular melanogenesis inhibitory activity and the structure-activity relationships of ugonins from <i>Helminthostachys zeylanica</i> roots. <i>Floterap</i> , <b>2015</b> , 104, 69-74	3.2	18
53	Effects of inhaled citronella oil and related compounds on rat body weight and brown adipose tissue sympathetic nerve. <i>Nutrients</i> , <b>2015</b> , 7, 1859-70	6.7	14
52	Flower Bracts of Temulawak ( <i>Curcuma Xanthorrhiza</i> ) for Skin Care: Anti-acne and Whitening Agents. <i>Procedia Chemistry</i> , <b>2015</b> , 14, 216-224		14
51	Supervised clustering based on DPCLUSO: prediction of plant-disease relations using Jamu formulas of KNApSACK database. <i>BioMed Research International</i> , <b>2014</b> , 2014, 831751	3	14
50	Characterization of collagen and its hydrolysate from yellowfin tuna <i>Thunnus albacares</i> skin and their potencies as antioxidant and antiglycation agents. <i>Fisheries Science</i> , <b>2019</b> , 85, 591-599	1.9	12
49	Antimicrobial and Antioxidant Activities of Bacterial Extracts from Marine Bacteria Associated with Sponge <i>Stylotella</i> sp.. <i>American Journal of Biochemistry and Biotechnology</i> , <b>2016</b> , 12, 36-46	0.4	10
48	The Antiaging Effect of Active Fractions and -11-Hydroxy-15-Oxo-Kaur-16-En-19-Oic Acid Isolated from ( <i>L.</i> ) <i>O. Kuntze</i> at the Cellular Level. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	9
47	Melanogenesis inhibitory activity of components from Salam leaf ( <i>Syzygium polyanthum</i> ) extract. <i>Journal of Natural Medicines</i> , <b>2018</b> , 72, 474-480	3.3	8
46	Finding an appropriate equation to measure similarity between binary vectors: case studies on Indonesian and Japanese herbal medicines. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 520	3.6	8
45	Metabolomic Studies of Indonesian Jamu Medicines: Prediction of Jamu Efficacy and Identification of Important Metabolites. <i>Molecular Informatics</i> , <b>2017</b> , 36, 1700050	3.8	8

44	Bacillus sp. SAB E-41-derived extract shows antiaging properties via ctt1-mediated oxidative stress tolerance response in yeast <i>Schizosaccharomyces pombe</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2018</b> , 8, 533	1.4	8
43	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 Pap1-ctt1 pathway and the cell cycle. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 33-43	2.8	8
42	Flavonoid from <i>Intsia palembanica</i> as Skin Whitening Agent. <i>Journal of Biological Sciences</i> , <b>2011</b> , 11, 475-480	4.1	7
41	Effect of Zingiber zerumbet essential oils and zerumbone inhalation on body weight of Sprague Dawley rat. <i>Pakistan Journal of Biological Sciences</i> , <b>2013</b> , 16, 1028-33	0.8	7
40	Anti-diabetic Potency and Characteristics of Probiotic Goat-Milk Yogurt Supplemented with Roselle Extract during Cold Storage. <i>Tropical Animal Science Journal</i> , <b>2018</b> , 41, 191-199	1.5	7
39	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> , <b>2020</b> , 10, 20945	4.9	7
38	Natural extract and its fractions isolated from the marine bacterium <i>Pseudoalteromonas flavipulchra</i> STILL-33 have antioxidant and antiaging activities in <i>Schizosaccharomyces pombe</i> . <i>FEMS Yeast Research</i> , <b>2020</b> , 20,	3.1	6
37	Identification and structure-activity relationship (SAR) of chemical constituents from <i>Daemonorops draco</i> (Willd.) Blume and selected commercial flavonoids on anti-osteoclastogenesis activity. <i>Phytotherapy</i> , <b>2019</b> , 138, 104280	3.2	6
36	Effects of dietary flavonoids on performance, blood constituents, carcass composition and small intestinal morphology of broilers: a meta-analysis. <i>Animal Bioscience</i> , <b>2021</b> , 34, 434-442	0	6
35	Effect of furfurylation treatment on technological properties of short rotation teak wood. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 12, 1689-1699	5.5	6
34	Structure-activity relationship for vanilloid compounds from extract of <i>Zingiber officinale</i> var <i>rubrum</i> rhizomes: effect on extracellular melanogenesis inhibitory activity. <i>Medicinal Chemistry Research</i> , <b>2019</b> , 28, 1402-1412	2.2	5
33	The Essential Oil of Zingiberaceae Leaf as Antioxidant and Antiglycation <b>2016</b> , 1, 44-52		5
32	Evaluation of Indonesian mangrove <i>Xylocarpus granatum</i> leaves ethyl acetate extract as potential anticancer drug. <i>Scientific Reports</i> , <b>2021</b> , 11, 6080	4.9	5
31	Utilization of KNApSACk Family Databases for Developing Herbal Medicine Systems. <i>Journal of Computer Aided Chemistry</i> , <b>2016</b> , 17, 1-7	0.2	4
30	USE OF INDONESIAN MEDICINAL PLANTS PRODUCTS AGAINST ACNE. <i>Reviews in Agricultural Science</i> , <b>2013</b> , 1, 11-30	2.1	4
29	Antibacterial activity of zingiberaceae leaves Essential oils against streptococcus mutans And teeth-biofilm degradation. <i>International Journal of Pharma and Bio Sciences</i> , <b>2016</b> , 7,	1.2	4
28	Antibacterial and Teeth Biofilm Degradation Activity of <i>Curcuma aeruginosa</i> Essential Oil. <i>Journal of Biological Sciences</i> , <b>2017</b> , 17, 84-90	0.4	4
27	Indonesian Kepel Fruit ( <i>Stelechocarpus burahol</i> ) as Oral Deodorant. <i>Research Journal of Medicinal Plant</i> , <b>2012</b> , 6, 180-188	0.3	4

26	Fluorometric based procedure for measuring curcumin concentration in commercial herbal medicines. <i>Optik</i> , <b>2017</b> , 149, 125-131	2.5	3
25	COLLAGEN EXTRACTION FROM YELLOWFIN TUNA ( <i>Thunnus albacares</i> ) SKIN AND ITS ANTIOXIDANT ACTIVITY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2019</b> , 81,	1.2	3
24	Tyrosinase Kinetic Inhibition of Active Compounds from <i>Intsia palembanica</i> . <i>Research Journal of Medicinal Plant</i> , <b>2012</b> , 6, 615-620	0.3	3
23	Antioxidant and Antibacterial Activity of Selected Indonesian Honey against Bacteria of Acne. <i>Jurnal Kimia Sains Dan Aplikasi</i> , <b>2020</b> , 23, 267-275	0.4	3
22	Architectural and physical properties of fungus comb from subterranean termite <i>Macrotermes gilvus</i> (Isoptera: Termitidae) mound. <i>Biodiversitas</i> , <b>2021</b> , 22,	1.5	3
21	Antidiabetic activity screening and nmr profile of vegetable and spices commonly consumed in Indonesia. <i>Food Science and Technology</i> , <b>2021</b> , 41, 254-264	2	3
20	Antioxidant Activity of <i>Daemonorops draco</i> Resin. <i>Jurnal Kimia Sains Dan Aplikasi</i> , <b>2019</b> , 22, 179-183	0.4	3
19	Pharmacological Activity and Phytochemical Profile of Acacia Heartwood Extracts. <i>Scientia Pharmaceutica</i> , <b>2021</b> , 89, 37	4.3	3
18	α-glucosidase inhibitors from <i>Syzygium polyanthum</i> (Wight) Walp leaves as revealed by metabolomics and in silico approaches. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 282, 114618	5	3
17	Utilization of Anting-Anting ( <i>Acalypha indica</i> ) Leaves as Antibacterial. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 31, 012038	0.3	2
16	Potensi Beberapa Ekstrak Tumbuhan Asteraceae sebagai Antioksidan dan Antiglifikasi <b>2019</b> , 4, 103-111		2
15	Antidiabetic components from the hexane extract of red kidney beans ( <i>L.</i> ): isolation and structure determination. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2020</b> , 84, 598-605	2.1	2
14	Prediction of Plant-Disease Relations Based on Unani Formulas by Network Analysis <b>2018</b> ,		2
13	Diversity of <i>Adenostemma lavenia</i> , multi-potential herbs, and its kaurenoic acid composition between Japan and Taiwan. <i>Journal of Natural Medicines</i> , <b>2021</b> , 1	3.3	2
12	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> , <b>2021</b> , 12, 1591	2.8	1
11	Antiaging and Skin Irritation Potential of Four Main Indonesian Essential Oils. <i>Cosmetics</i> , <b>2021</b> , 8, 94	2.7	1
10	Effect of glycerol-maleic anhydride treatment on technological properties of short rotation teak wood. <i>Wood Science and Technology</i> , <b>2021</b> , 55, 1795-1819	2.5	1
9	The effect of heat treatment on the characteristics of the short rotation teak. <i>International Wood Products Journal</i> , <b>2021</b> , 12, 218-227	0.9	1

8	Utilization of Rice Husk as Pb Adsorbent in Blood Cockles. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2016</b> , 31, 012044	0.3	1
7	Antiaging and Antioxidant Bioactivities of Asteraceae Plant Fractions on the Cellular Functions of the Yeast. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , <b>2021</b> , 2021, 2119634	1.6	1
6	Screening of Potential Indonesia Herbal Compounds Based on Multi-Label Classification for 2019 Coronavirus Disease. <i>Big Data and Cognitive Computing</i> , <b>2021</b> , 5, 75	3.5	1
5	Antimicrobial activities of fungus comb extracts isolated from Indomalayan termite ( <i>Macrotermes gilvus</i> Hagen) mound.. <i>AMB Express</i> , <b>2022</b> , 12, 14	4.1	0
4	Antiglycation and Antioxidant Activity from Methanol Extract and Fraction of <i>Xylocarpus granatum</i> Stem. <i>Jurnal Kimia Sains Dan Aplikasi</i> , <b>2020</b> , 23, 21-27	0.4	
3	ANTIBACTERIAL ACTIVITY OF FLAVONOID FROM KEPEL ( <i>STELECHOCARPUS BURAHOL</i> ) LEAVES AGAINST <i>STAPHYLOCOCCUS EPIDERMIDIS</i> . <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2017</b> , 9, 292	0.3	
2	IN VIVO ANTI-HYPERCHOLESTEROLEMIA EFFECT OF INDONESIAN JAMU FORMULA. <i>International Journal of Research in Ayurveda and Pharmacy</i> , <b>2017</b> , 7, 79-84	0.1	
1	Adenostemmoic acid B suppresses NO production by downregulating the expression and inhibiting the enzymatic activity of iNOS. <i>Phytochemistry Letters</i> , <b>2022</b> , 49, 131-137	1.9	