

Mohamad Rafi

List of Publications by Year in descending order

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75
papers

574
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840585

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752573

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81
docs citations

81
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite profiling of <i>Andrographis paniculata</i> leaves and stem extract using UHPLC-Orbitrap-MS/MS. <i>Natural Product Research</i> , 2022, 36, 625-629.	1.0	12
2	Metabolite Fingerprinting Based on ¹ H-NMR Spectroscopy and Liquid Chromatography for the Authentication of Herbal Products. <i>Molecules</i> , 2022, 27, 1198.	1.7	10
3	Antioxidant Activity, Sun Protection Activity, and Phytochemical Profile of Ethanolic Extracts of <i>Daemonorops acehensis</i> Resin and Its Phytosomes. <i>Scientia Pharmaceutica</i> , 2022, 90, 10.	0.7	5
4	Collecting Wood Core Samples from Macassar Ebony (<i>Diospyros celebica</i> Bakh.) for Multi-Purpose Analysis using Pickering Punch. <i>MethodsX</i> , 2022, , 101728.	0.7	0
5	Natural Antioxidant Activities of Plants in Preventing Cataractogenesis. <i>Antioxidants</i> , 2022, 11, 1285.	2.2	8
6	Virgin Coconut Oil: Extraction, Physicochemical Properties, Biological Activities and Its Authentication Analysis. <i>Food Reviews International</i> , 2021, 37, 46-66.	4.3	35
7	An HPLC-DAD Method to Quantify Flavonoids in <i>Sonchus arvensis</i> and Able to Classify the Plant Parts and Their Geographical Area through Principal Component Analysis. <i>Separations</i> , 2021, 8, 12.	1.1	5
8	Preclinical Trial of Propolis Extract in Prevention of High Salt Diet- Induced Hypertension. <i>Pharmacognosy Journal</i> , 2021, 13, 89-96.	0.3	1
9	Inhibition of α -glucosidase activity, metals content, and phytochemical profiling of <i>Andrographis paniculata</i> from different geographical origins based on FTIR and UHPLC-Q-Orbitrap HRMS metabolomics. <i>Biodiversitas</i> , 2021, 22, .	0.2	1
10	Feasibility of UV-Vis Spectral Fingerprinting Combined with Chemometrics for Rapid Detection of <i>Phyllanthus niruri</i> Adulteration with <i>Leucaena leucocephala</i> . <i>Sains Malaysiana</i> , 2021, 50, 997-1006.	0.3	3
11	Data Fusion of UV-Vis and FTIR Spectra Combined with Principal Component Analysis for Distinguishing of <i>Andrographis paniculata</i> Extracts Based on Cultivation Ages and Solvent Extraction. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 753.	0.3	2
12	Secondary metabolite compounds from <i>Sida</i> genus and their bioactivity. <i>Heliyon</i> , 2021, 7, e06682.	1.4	10
13	Ripe pulp metabolite profiling of ten Indonesian dessert banana cultivars using UHPLC-Q-Orbitrap HRMS. <i>European Food Research and Technology</i> , 2021, 247, 2821-2830.	1.6	2
14	Metabolite profiling, distribution of secretory structures, and histochemistry in <i>Curculigo orchioides</i> Gaertn. and <i>Curculigo latifolia</i> Dryand. ex W.T.Aiton. <i>Turkish Journal of Botany</i> , 2021, 45, 421-439.	0.5	2
15	Untargeted Metabolomics Analysis Using FTIR and UHPLC-Q-Orbitrap HRMS of Two <i>Curculigo</i> Species and Evaluation of Their Antioxidant and α -Glucosidase Inhibitory Activities. <i>Metabolites</i> , 2021, 11, 42.	1.3	19
16	Discrimination and Determination of Extractive Content of Ebony (<i>Diospyros celebica</i> Bakh.) from Celebes Island by Near-Infrared Spectroscopy. <i>Forests</i> , 2021, 12, 6.	0.9	7
17	Phenolics Profiling and Free Radical Scavenging Activity of <i>Annona muricata</i> , <i>Gynura procumbens</i> , and <i>Typhonium flagelliforme</i> Leaves Extract. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 1140.	0.3	0
18	Investigation of Yacon Leaves (<i>Smallanthus sonchifolius</i>) for α -Glucosidase Inhibitors Using Metabolomics and In Silico Approach. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 487-493.	1.4	2

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19	Influence of Combined NPK and Manure on Improving Growth, Photosynthetic Characteristic and Yield of <i>Justicia gendarussa</i> Burm. F.. <i>Pakistan Journal of Biological Sciences</i> , 2021, 24, 1162-1168.	0.2	3
20	The Use of Chemometrics for Classification of <i>Sidaguri</i> (<i>Sida rhombifolia</i>) Based on FTIR Spectra and Antiradical Activities. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 1568.	0.3	2
21	Intsia bijuga Heartwood Extract and Its Phytosome as Tyrosinase Inhibitor, Antioxidant, and Sun Protector. <i>Forests</i> , 2021, 12, 1792.	0.9	4
22	Total Phenolic Content, Antioxidant, and Sunscreen Activities of <i>Daemonorops draco</i> Resin Extracts from Extraction at Various Ethanol Concentrations and Resin-Solvent Ratio. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 891, 012023.	0.2	2
23	Metabolite Fingerprinting Using ¹ H-NMR Spectroscopy and Chemometrics for Classification of Three <i>Curcuma</i> Species from Different Origins. <i>Molecules</i> , 2021, 26, 7626.	1.7	11
24	Metabolite Profiling of <i>Ebony</i> (<i>Diospyros celebica</i>) Leaves and Wood Extracts Using LC-MS/MS. <i>Indonesian Journal of Chemistry</i> , 2021, 22, 352.	0.3	1
25	Phytochemical analysis and antioxidant activities of ethanol extract of stingless bee propolis from Indonesia. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	13
26	Effect of ethanol polarity on extraction yield, antioxidant, and sunscreen activities of phytochemicals from <i>Gyrinops versteegii</i> leaves. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 935, 012038.	0.3	5
27	Silica modified L-lysine as Pb (II) adsorbent. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
28	Antioxidant, antibacterial, and degradation <i>Streptococcus mutans</i> biofilms activities of black pepper (<i>Piper nigrum</i>) seed extract. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
29	Multiple spectroscopic fingerprinting platforms for rapid characterization of α -glucosidase inhibitors and antioxidants from some commonly consumed Indonesian vegetables and spices. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1699-1707.	1.6	7
30	The use of FTIR and Raman spectroscopy in combination with chemometrics for analysis of biomolecules in biomedical fluids: A review. <i>Biomedical Spectroscopy and Imaging</i> , 2020, 8, 55-71.	1.2	40
31	Classification of <i>Andrographis paniculata</i> extracts by solvent extraction using HPLC fingerprint and chemometric analysis. <i>BMC Research Notes</i> , 2020, 13, 56.	0.6	19
32	FTIR and HPLC-Based Metabolomics of <i>Yacon</i> Leaves Extracts (<i>Smallanthus sonchifolius</i>) [Poepp & Tj ETQq0,0,0 rgBT /Overlock 1	0.3	5
33	Discrimination of cassava, taro, and wheat flour using near-infrared spectroscopy and chemometrics. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2020, 23, 360-364.	0.1	1
34	TOTAL PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITIES OF BUNI FRUIT (<i>ANTIDESMA BUNIVUS</i> L.) IN MONCONGLOE MAROS DISTRICT EXTRACTED USING ULTRASOUND-ASSISTED EXTRACTION. <i>Rasayan Journal of Chemistry</i> , 2020, 13, 684-689.	0.2	3
35	Thin Layer Chromatographic Fingerprint and Chemometrics Analysis for Identification of <i>Phyllanthus niruri</i> from its Related Species. <i>Journal of the Indonesian Chemical Society</i> , 2020, 3, 47.	0.3	2
36	Total Phenolic Content of Methanol Extract from Buni Fruits (<i>Antidesma bunius</i> L.) Water. <i>Journal of Physics: Conference Series</i> , 2020, 1655, 012029.	0.3	1

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37	FTIR-based Fingerprinting and Chemometrics for Rapid Investigation of Antioxidant Activity from <i>Syzygium polyanthum</i> Extracts. Indonesian Journal of Chemistry, 2020, 21, 128.	0.3	5
38	HPLC fingerprinting coupled with linear discriminant analysis for the detection of adulteration in <i>Orthosiphon aristatus</i> . Journal of Liquid Chromatography and Related Technologies, 2019, 42, 513-520.	0.5	4
39	Optimization of Cd(II) adsorption condition by glycine-modified silica-based adsorbent using central composite design. Jurnal Kimia Sains Dan Aplikasi, 2019, 22, 184-191.	0.1	1
40	Determination of Total Phenolic Content and Antioxidant Activity of Six Ornamental Plants. Jurnal Kimia Sains Dan Aplikasi, 2019, 22, 79-84.	0.1	2
41	Fast Analytical Method for Authentication of Chili Powder from Synthetic Dyes Using UV-Vis Spectroscopy in Combination with Chemometrics. Indonesian Journal of Chemistry, 2019, 19, 668.	0.3	7
42	<i>Nigella sativa</i> oil: physico-chemical properties, authentication analysis and its antioxidant activity. Food Research, 2019, 3, 628-634.	0.3	6
43	In vivo antioxidant activities of <i>Curcuma longa</i> and <i>Curcuma xanthorrhiza</i> : a review. Food Research, 2019, 4, 13-19.	0.3	12
44	Review on in vitro antioxidant activities of <i>Curcuma</i> species commonly used as herbal components in Indonesia. Food Research, 2019, 4, 286-293.	0.3	7
45	Separation of Inorganic Anions and Phenolic Compounds Using Tetraethylene Oxide-Bonded Stationary Phases in Capillary Liquid Chromatography. Indonesian Journal of Chemistry, 2019, 19, 191.	0.3	0
46	Productivity of Amino Acid Fish Aggregation at Raft Liftnet in Palabuhanratu Waters, Sukabumi. Jurnal Ilmu Pertanian Indonesia, 2019, 24, 135-143.	0.1	0
47	Chemical composition and antioxidant studies of underutilized part of mangosteen (<i>Garcinia</i>) Tj ETQq1 1 0.784314.rgBT /Ovgrlock 10 T	0.7	0
48	Pharmacoeconomic Rationale of Zinc Supplementation In The Management of Acute Diarrhea In Children With Rotavirus Infection In Indonesia. Indonesian Journal of Pharmacy, 2019, 30, 285.	0.3	1
49	Antioxidant and Antibacterial Activities of Several Fractions from <i>Crescentia cujete</i> L. Stem Bark Extract. IOP Conference Series: Earth and Environmental Science, 2018, 197, 012004.	0.2	1
50	Hidrokarbon Aromatik Polisiklik pada Lahan Tercemar Limbah Minyak Bumi: Tinjauan Pertumbuhan Mikro-Organisme, Proses Metabolisme dan Biodegradasi. Jurnal Ilmu Lingkungan, 2018, 16, 9.	0.0	0
51	Metabolite Profiling of Java Turmeric (<i>Curcuma xanthoriza</i>) Essential Oil with Different Harvest Times. Jurnal Kimia Sains Dan Aplikasi, 2018, 21, 237-241.	0.1	2
52	A combination of simultaneous quantification of four triterpenes and fingerprint analysis using HPLC for rapid identification of <i>Centella asiatica</i> from its related plants and classification based on cultivation ages. Industrial Crops and Products, 2018, 122, 93-97.	2.5	23
53	HPLC fingerprint and simultaneous quantitative analysis of phyllanthin and hypophyllanthin for identification and authentication of <i>Phyllanthus niruri</i> from related species. Revista Brasileira De Farmacognosia, 2018, 28, 527-532.	0.6	6
54	L-Histidine-Modified Silica from Rice Husk and Optimization of Adsorption Condition for Extractive Concentration of Pb(II). Journal of Pure and Applied Chemistry Research, 2018, 7, 198-208.	0.1	8

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55	Total Phenolics, Flavonoids, and Anthocyanin Contents of Six Vireya Rhododendron from Indonesia and Evaluation of their Antioxidant Activities. <i>Journal of Applied Pharmaceutical Science</i> , 2018, 8, 49-54.	0.7	20
56	High performance thin layer chromatography fingerprint analysis of guava (<i>Psidium guajava</i>) leaves. <i>Journal of Physics: Conference Series</i> , 2017, 835, 012018.	0.3	1
57	Simultaneous quantification of curcuminoids and xanthorrhizol in <i>Curcuma xanthorrhizab</i> y high-performance liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 635-639.	0.5	5
58	Discrimination of red and white rice bran from Indonesia using HPLC fingerprint analysis combined with chemometrics. <i>Food Chemistry</i> , 2017, 221, 1717-1722.	4.2	52
59	Metabolomic approach for understanding phenolic compounds and melanoidin roles on antioxidant activity of Indonesia robusta and arabica coffee extracts. <i>Food Science and Biotechnology</i> , 2017, 26, 1475-1480.	1.2	19
60	Combination of near infrared spectroscopy and chemometrics for authentication of taro flour from wheat and sago flour. <i>Journal of Physics: Conference Series</i> , 2017, 835, 012011.	0.3	6
61	High performance liquid chromatography fingerprint analysis for quality control of brotowali (<i>Tinospora crispa</i>). <i>Journal of Physics: Conference Series</i> , 2017, 835, 012016.	0.3	3
62	Development of Quality Control Method for Glucofarmaka Antidiabetic Jamu by HPLC Fingerprint Analysis. <i>Indonesian Journal of Chemistry</i> , 2017, 17, 79.	0.3	1
63	HPLC Fingerprint Analysis Combined with Chemometrics for Authentication of <i>Kaempferia galanga</i> from Related Species. <i>Indonesian Journal of Chemistry</i> , 2016, 16, 308.	0.3	2
64	Curcuminoid's Content and Fingerprint Analysis for Authentication and Discrimination of <i>Curcuma xanthorrhiza</i> from <i>Curcuma longa</i> by High-Performance Liquid Chromatography-Diode Array Detector. <i>Food Analytical Methods</i> , 2015, 8, 2185-2193.	1.3	22
65	Fourier transform infrared spectroscopy combined with chemometrics for discrimination of <i>Curcuma longa</i> , <i>Curcuma xanthorrhiza</i> and <i>Zingiber cassumunar</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1244-1249.	2.0	43
66	OPTIMIZATION OF EXTRACTION CONDITIONS FOR ANDROGRAPHOLIDE USING FRACTIONAL FACTORIAL DESIGN. <i>Indonesian Journal of Pharmacy</i> , 2014, 25, 145.	0.3	3
67	Capillary liquid chromatographic fingerprint used for discrimination of <i>Zingiber montanum</i> from related species. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6599-6603.	1.9	3
68	Simultaneous determination of gingerols and shogaol using capillary liquid chromatography and its application in discrimination of three ginger varieties from Indonesia. <i>Talanta</i> , 2013, 103, 28-32.	2.9	26
69	FIRST-ORDER ULTRAVIOLET DERIVATIVE SPECTROPHOTOMETRIC METHODS FOR DETERMINATION OF RESERPINE IN ANTIHYPERTENSION TABLET. <i>Indonesian Journal of Chemistry</i> , 2012, 12, 268-272.	0.3	1
70	DIFFERENTIATION OF <i>Curcuma longa</i> , <i>Curcuma xanthorrhiza</i> and <i>Zingiber cassumunar</i> BY THIN LAYER CHROMATOGRAPHY FINGERPRINT ANALYSIS. <i>Indonesian Journal of Chemistry</i> , 2011, 11, 71-74.	0.3	10
71	HPLC-FTIR spectroscopy combined with multivariate calibration for analysis of Andrographolide in <i>Andrographis paniculata</i> extract. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	0
72	FTIR-based fingerprinting combined with chemometrics for discrimination of <i>Sonchus arvensis</i> leaves extracts of various extracting solvents and the correlation with its antioxidant activity. <i>Indonesian Journal of Pharmacy</i> , 0, , 132-140.	0.3	6

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73	Optimization of ultrasound-assisted extraction and the antioxidant activities of Sidaguri (Sida) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	10
74	Phytochemical Profile And Antioxidant Activity Of Guazuma ulmifolia Leaves Extracts Using Different Solvent Extraction. Indonesian Journal of Pharmacy, 0, , 171.	0.3	12
75	A review on phytochemical constituents, role on metabolic diseases, and toxicological assessments of underutilized part of Garcinia mangostana L. fruit. Journal of Applied Pharmaceutical Science, 0, , .	0.7	1