

Muchtaridi Muchtaridi

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.

66

papers

480

citations

11

h-index

19

g-index

111

ext. papers

757

ext. citations

2.1

avg, IF

4.14

L-index

#	Paper	IF	Citations
66	Identification of compounds in the essential oil of nutmeg seeds (<i>Myristica fragrans</i> Houtt.) that inhibit locomotor activity in mice. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 4771-81	6.3	56
65	Natural Flavonoids as Potential Angiotensin-Converting Enzyme 2 Inhibitors for Anti-SARS-CoV-2. <i>Molecules</i> , 2020 , 25,	4.8	46
64	Characterization and antioxidant activity of pectin from Indonesian mangosteen (<i>L.</i>) rind. <i>Heliyon</i> , 2019 , 5, e02299	3.6	42
63	A virtual screening approach for identifying plants with anti H5N1 neuraminidase activity. <i>Journal of Chemical Information and Modeling</i> , 2015 , 55, 308-16	6.1	36
62	Molecular Docking and 3D-Pharmacophore Modeling to Study the Interactions of Chalcone Derivatives with Estrogen Receptor Alpha. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	30
61	Advances in orally targeted drug delivery to colon. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2019 , 10, 100-106	2.1	17
60	Chitosan-Based Nanoparticles of Targeted Drug Delivery System in Breast Cancer Treatment. <i>Polymers</i> , 2021 , 13,	4.5	17
59	Potential activity of fevicordin-A from <i>Phaleria macrocarpa</i> (Scheff) Boerl. seeds as estrogen receptor antagonist based on cytotoxicity and molecular modelling studies. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 7225-49	6.3	14
58	Enteric-Coated Strategies in Colorectal Cancer Nanoparticle Drug Delivery System. <i>Drug Design, Development and Therapy</i> , 2020 , 14, 4387-4405	4.4	12
57	Nanoparticle Drug Delivery Systems for β Mangostin. <i>Nanotechnology, Science and Applications</i> , 2020 , 13, 23-36	3.9	12
56	ANTICANCER POTENTIAL OF β MANGOSTIN. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017 , 10, 440	0.4	11
55	β Mangostin and its derivatives against estrogen receptor alpha. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-14	3.6	10
54	Chemical Composition and Locomotors Activity of Essential Oils from the Rhizome, Stem, and Leaf of <i>Alpinia malaccensis</i> (Burm F.) of Indonesian Spices. <i>Journal of Applied Pharmaceutical Science</i> , 2014 , 4, 52-56	2	10
53	Analysis of Indonesian Spice Essential Oil Compounds That Inhibit Locomotor Activity in Mice. <i>Pharmaceuticals</i> , 2011 , 4, 590-602	5.2	9
52	Drug release study of the chitosan-based nanoparticles.. <i>Heliyon</i> , 2022 , 8, e08674	3.6	9
51	Simvastatin-nicotinamide co-crystal: design, preparation and preliminary characterization. <i>Tropical Journal of Pharmaceutical Research</i> , 2017 , 16, 297	0.8	8
50	Molecular Docking, 3D Structure-Based Pharmacophore Modeling, and ADME Prediction of Alpha Mangostin and Its Derivatives against Estrogen Receptor Alpha. <i>Journal of Young Pharmacists</i> , 2018 , 10, 252-259	1.8	8

49	Co-crystallization: A Tool to Enhance Solubility and Dissolution Rate of Simvastatin. <i>Journal of Young Pharmacists</i> , 2017 , 9, 183-186	1.8	7
48	Host-Guest Interactions of Mangostin with β -Cyclodextrins: Semi-Empirical Quantum Mechanical Methods of PM6 and PM7. <i>Journal of Young Pharmacists</i> , 2018 , 11, 31-35	1.8	7
47	In-vitro Assessment of Effectiveness and Photostability Avobenzone in Cream Formulations by Combination Ethyl Ascorbic acid and alpha Tocopherol Acetate. <i>Journal of Applied Pharmaceutical Science</i> , 070-074	2	7
46	Mangostin Hydrogel Film Based Chitosan-Alginate for Recurrent Aphthous Stomatitis. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5235	2.6	7
45	Screening for PPAR δ agonist from <i>Myristica fragrans</i> Houtt seeds for the treatment of Type 2 diabetes by in vitro and in vivo. <i>Medical and Health Science Journal</i> , 2012 , 12, 7-15		6
44	Formulation and Characterization of Mangostin in Chitosan Nanoparticles Coated by Sodium Alginate, Sodium Silicate, and Polyethylene Glycol. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2019 , 11, S619-S627	1.1	6
43	Anti-Neuraminidase Bioactives from Manggis Hutu (L.) Leaves: Partial Purification and Molecular Characterization. <i>Molecules</i> , 2020 , 25,	4.8	5
42	Drug repurposing for identification of potential spike inhibitors for SARS-CoV-2 using molecular docking and molecular dynamics simulations.. <i>Methods</i> , 2022 ,	4.6	5
41	The Potential Cytotoxic Activity Enhancement of Mangostin in Chitosan-Kappa Carrageenan-Loaded Nanoparticle against MCF-7 Cell Line. <i>Polymers</i> , 2021 , 13,	4.5	5
40	The Effects of Antioxidants from Natural Products on Obesity, Dyslipidemia, Diabetes and Their Molecular Signaling Mechanism.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
39	Evidence of Combining Pharmacophore Modeling-Docking Simulation for Screening on Neuraminidase Inhibitors Activity of Natural Product Compounds. <i>Asian Journal of Chemistry</i> , 2014 , 26, S59-S63	0.4	4
38	ANALYSIS OF ACTIVE COMPOUNDS IN BLOOD PLASMA OF MICE AFTER INHALATION OF CAJUPUT ESSENTIAL OIL (MELALEUCA LEUCADENDRON L.). <i>Indonesian Journal of Pharmacy</i> , 2015 , 26, 219	1	4
37	Influence of Using Coconut, Palm, and Corn Oils as Frying Medium on Concentration of Acrylamide in Fried Tempe. <i>Food and Public Health</i> , 2012 , 2, 16-20	5.3	4
36	Analysis of chemical composition and its analgesic and anti-inflammatory activity of essential oil of sintoc bark (<i>Cinnamomum sintoc</i> bl.) using in vivo methods. <i>Journal of Applied Pharmaceutical Science</i> , 058-065	2	4
35	In silico predictive for modification of chalcone with pyrazole derivatives as a novel therapeutic compound for targeted breast cancer treatment. <i>Journal of Applied Pharmaceutical Science</i> , 2019 , 9, 20-28	2	4
34	The microencapsulation of mangosteen peel extract with maltodextrin from arenga starch: formulation and characterization. <i>Journal of Applied Pharmaceutical Science</i> , 2019 , 9, 33-40	2	4
33	Apoptosis-mediated antiproliferation of A549 lung cancer cells mediated by leaf compound 2-(4-hydroxy-6-methoxy-3,5-dimethylchalcone and its molecular interaction with caspase receptor in molecular docking simulation. <i>Oncology Letters</i> , 2020 , 19, 3551-3557	2.6	3
32	Nanoformulations of Mangostin for Cancer Drug Delivery System.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3

31	Synthesis of nano- α -mangostin based on chitosan and Eudragit S 100. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2020 , 11, 95-100	2.1	3
30	The application of FTIR spectroscopy and chemometrics for classification of Mangosteen extract and its correlation with alpha-mangostin. <i>Journal of Applied Pharmaceutical Science</i> , 2020 , 10, 149-154	2	3
29	Decaffeination and Neuraminidase Inhibitory Activity of Arabica Green Coffee () Beans: Chlorogenic Acid as a Potential Bioactive Compound. <i>Molecules</i> , 2021 , 26,	4.8	3
28	FORCED DEGRADATION STUDY OF STATINS: A REVIEW. <i>International Journal of Applied Pharmaceutics</i> , 2018 , 10, 38	0.4	3
27	Scale-up polymeric-based nanoparticles drug delivery systems: Development and challenges. <i>OpenNano</i> , 2022 , 7, 100048	8.4	3
26	THE STABILITY OF CHLOROGENIC ACID IN SYRUP OF COFFEE ARABICA (COFFEA ARABICA L.) EXTRACT WITH DECAFFEINATION PROCESS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017 , 10, 1	0.4	2
25	ANTAGONISTIC MECHANISM OF α -MANGOSTIN DERIVATIVES AGAINST HUMAN ESTROGEN RECEPTOR OF BREAST CANCER USING MOLECULAR DYNAMICS SIMULATION. <i>Rasayan Journal of Chemistry</i> , 2019 , 12, 1927-1934	1.6	2
24	Enhancement of α -Mangostin Wound Healing Ability by Complexation with 2-Hydroxypropyl- β -Cyclodextrin in Hydrogel Formulation. <i>Pharmaceutics</i> , 2020 , 13,	5.2	2
23	Cytotoxicity Of Chalcone Of Burm F. Leaves Against T47D Breast Cancer Cell Lines And Its Prediction As An Estrogen Receptor Antagonist Based On Pharmacophore-Molecular Dynamics Simulation. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2019 , 12, 33-43	1.5	2
22	Infrared spectroscopy technique for quantification of compounds in plant-based medicine and supplement. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 1-7	2.1	2
21	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR THE DETERMINATION OF CAFFEINE IN GREEN COFFEE BEANS (COFFEA ARABICA L.) FROM THREE DISTRICTS OF WEST JAVA, INDONESIA BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>International Journal of Applied Pharmaceutics</i> , 2018 , 10, 103	0.4	2
20	Evolution of Drug Delivery Systems for Recurrent Aphthous Stomatitis. <i>Drug Design, Development and Therapy</i> , 2021 , 15, 4071-4089	4.4	2
19	METHOD DEVELOPMENT AND VALIDATION FOR ANALYSIS OF DEOXYARBUTININ ANHYDROUS EMULSION SYSTEM USING HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>International Journal of Applied Pharmaceutics</i> , 2019 , 172-175	0.4	1
18	Synthesis and characterization of chitosan:SiO ₂ nanocomposite by ultrasonic spray drying. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 550, 012037	0.4	1
17	Molecular dynamics simulation of Fe-NO At-alpha mangostin as radiopharmaceutical model for detection of fatty acid synthase in cancer. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 113-119	2.1	1
16	Safety assessment of the root extract: Acute and subchronic studies. <i>Toxicology Reports</i> , 2021 , 8, 696-704.8	4.8	1
15	The purity identification and radiolabeling of α -mangostin with technetium-99m. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2020 , 11, 6-12	2.1	0
14	Synthesis, stability, and cellular uptake of I-estradiol against MCF7 and T-47D human cell lines as a radioligand for binding assay.. <i>Heliyon</i> , 2021 , 7, e08438	3.6	0

13	Comparison of various synthesis methods and synthesis parameters of pyrazoline derivatives. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 321-326	2.1	0
12	Potential roles of family as antimetabolic syndrome.. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2022 , 13, 1-6	2.1	0
11	VALIDATION OF ANALYTICAL METHOD OF 2,5-HEXANEDIONE ON URINE BY GAS CHROMATOGRAPHY. <i>International Journal of Applied Pharmaceutics</i> , 2019 , 320-324	0.4	
10	CHEMICAL COMPOSITION OF ESSENTIAL OILS AND ITS LOCOMOTOR ACTIVIT FROM THE BARKS OF Cinnamomum sintok Bl OF TWO DISTRICTS IN MIDDLE JAVA. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017 , 10, 84	0.4	
9	Introduction of Docking-Based Virtual Screening Workflow Using Desktop Personal Computer 2019 , 688-699		
8	The interaction of alpha-mangostin and its derivatives against main protease enzyme in COVID-19 using methods. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 285-290	2.1	
7	Encapsulation mechanism of mangostin by cyclodextrin: Methods of molecular docking and molecular dynamics. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 250-253	2.1	
6	Sub-chronic toxicity of Griff Fruit's ethanol extract on Wistar rats (). <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2019 , 10, 178-183	2.1	
5	THE RECENT UPDATE OF DEOXYARBUTIN: A SKIN DEPIGMENTATION AGENT WITH TYROSINASE INHIBITION TARGETING. <i>International Journal of Applied Pharmaceutics</i> , 2020 , 1-7	0.4	
4	In vitro evaluation of seliguenin A effects on the proinflammatory mediators production in RAW264.7 murine macrophages. <i>Journal of HerbMed Pharmacology</i> , 2021 , 10, 313-318	1.4	
3	ANALYSIS OF FERULIC ACID IN ARABICA COFFEE BEAN (COFFEA ARABICA L.) USING SOLID PHASE EXTRACTION-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>International Journal of Applied Pharmaceutics</i> , 2019 , 151-155	0.4	
2	Antagonistic Mechanism of Chalcone Derivatives Against Human Estrogen Alpha of Breast Cancer Using Molecular Dynamic Simulation. <i>Oriental Journal of Chemistry</i> , 2018 , 34, 2735-2741	0.8	
1	Alpha-mangostin as an inhibitor of GSK3 β in triple-negative breast cancer.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-7	3.6	