

Muchtaridi Muchtaridi

List of Publications by Year in Descending Order

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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	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
65	Drug release study of the chitosan-based nanoparticles.. <i>Heliyon</i> , 2022 , 8, e08674	3.6	9
64	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
63	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	
62	Potential roles of family as antimetabolic syndrome.. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2022 , 13, 1-6	2.1	0
61	Scale-up polymeric-based nanoparticles drug delivery systems: Development and challenges. <i>OpenNano</i> , 2022 , 7, 100048	8.4	3
60	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	
59	Encapsulation mechanism of α -mangostin by β -cyclodextrin: Methods of molecular docking and molecular dynamics. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021 , 12, 250-253	2.1	
58	Nanoformulations of α -Mangostin for Cancer Drug Delivery System.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
57	Synthesis, stability, and cellular uptake of 17 β -estradiol against MCF7 and T-47D human cell lines as a radioligand for binding assay.. <i>Heliyon</i> , 2021 , 7, e08438	3.6	0
56	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
55	The Potential Cytotoxic Activity Enhancement of α -Mangostin in Chitosan-Kappa Carrageenan-Loaded Nanoparticle against MCF-7 Cell Line. <i>Polymers</i> , 2021 , 13,	4.5	5
54	Chitosan-Based Nanoparticles of Targeted Drug Delivery System in Breast Cancer Treatment. <i>Polymers</i> , 2021 , 13,	4.5	17
53	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
52	In vitro evaluation of seligleaine A effects on the proinflammatory mediators production in RAW264.7 murine macrophages. <i>Journal of HerbMed Pharmacology</i> , 2021 , 10, 313-318	1.4	
51	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
50	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

49	Evolution of Drug Delivery Systems for Recurrent Aphthous Stomatitis. <i>Drug Design, Development and Therapy</i> , 2021 , 15, 4071-4089	4.4	2
48	Safety assessment of the root extract: Acute and subchronic studies. <i>Toxicology Reports</i> , 2021 , 8, 696-704.	4.8	1
47	ϑMangostin and its derivatives against estrogen receptor alpha. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-14	3.6	10
46	Enteric-Coated Strategies in Colorectal Cancer Nanoparticle Drug Delivery System. <i>Drug Design, Development and Therapy</i> , 2020 , 14, 4387-4405	4.4	12
45	Anti-Neuraminidase Bioactives from Manggis Hutan (L.) Leaves: Partial Purification and Molecular Characterization. <i>Molecules</i> , 2020 , 25,	4.8	5
44	Nanoparticle Drug Delivery Systems for ϑMangostin. <i>Nanotechnology, Science and Applications</i> , 2020 , 13, 23-36	3.9	12
43	The purity identification and radiolabeling of ϑmangostin with technetium-99m. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2020 , 11, 6-12	2.1	0
42	Apoptosis-mediated antiproliferation of A549 lung cancer cells mediated by leaf compound 2ϑ4ϑdihydroxy-6ϑmethoxy-3ϑ5ϑdimethylchalcone and its molecular interaction with caspase receptor in molecular docking simulation. <i>Oncology Letters</i> , 2020 , 19, 3551-3557	2.6	3
41	Synthesis of nano-ϑmangostin based on chitosan and Eudragit S 100. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2020 , 11, 95-100	2.1	3
40	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
39	Enhancement of ϑMangostin Wound Healing Ability by Complexation with 2-Hydroxypropyl-ϑCyclodextrin in Hydrogel Formulation. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	2
38	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	
37	Natural Flavonoids as Potential Angiotensin-Converting Enzyme 2 Inhibitors for Anti-SARS-CoV-2. <i>Molecules</i> , 2020 , 25,	4.8	46
36	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	
35	Introduction of Docking-Based Virtual Screening Workflow Using Desktop Personal Computer 2019 , 688-699		
34	Characterization and antioxidant activity of pectin from Indonesian mangosteen (L.) rind. <i>Heliyon</i> , 2019 , 5, e02299	3.6	42
33	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
32	ANTAGONISTIC MECHANISM OF ϑMANGOSTIN DERIVATIVES AGAINST HUMAN ESTROGEN RECEPTOR ϑF BREAST CANCER USING MOLECULAR DYNAMICS SIMULATION. <i>Rasayan Journal of Chemistry</i> , 2019 , 12, 1927-1934	1.6	2

31	Advances in orally targeted drug delivery to colon. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2019 , 10, 100-106	2.1	17
30	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
29	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
28	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
27	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	
26	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	
25	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
24	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
23	Mangostin Hydrogel Film Based Chitosan-Alginate for Recurrent Aphthous Stomatitis. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5235	2.6	7
22	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
21	Host-Guest Interactions of Mangostin with Cyclodextrins: Semi-Empirical Quantum Mechanical Methods of PM6 and PM7. <i>Journal of Young Pharmacists</i> , 2018 , 11, 31-35	1.8	7
20	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	
19	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
18	FORCED DEGRADATION STUDY OF STATINS: A REVIEW. <i>International Journal of Applied Pharmaceutics</i> , 2018 , 10, 38	0.4	3
17	Simvastatin-nicotinamide co-crystal: design, preparation and preliminary characterization. <i>Tropical Journal of Pharmaceutical Research</i> , 2017 , 16, 297	0.8	8
16	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
15	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	
14	ANTICANCER POTENTIAL OF MANGOSTIN. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017 , 10, 440	0.4	11

13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	Screening for PPAR α 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
5	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
4	Analysis of Indonesian Spice Essential Oil Compounds That Inhibit Locomotor Activity in Mice. <i>Pharmaceuticals</i> , 2011 , 4, 590-602	5.2	9
3	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
2	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
1	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