

Erna Normaya Abdullah

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

110
citations

1307594

7
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	COSMO-RS and DFT studies on development and optimization of quercetin as a chemosensor for Fe ³⁺ recognition in aqueous medium. <i>Journal of Molecular Structure</i> , 2019, 1184, 538-545.	3.6	18
2	Optimization of a protease extraction using a statistical approach for the production of an alternative meat tenderizer from <i>Manihot esculenta</i> roots. <i>Journal of Food Science and Technology</i> , 2020, 57, 2852-2862.	2.8	12
3	<i>Artocarpus altilis</i> extracts as a food-borne pathogen and oxidation inhibitors: RSM, COSMO RS, and molecular docking approaches. <i>Scientific Reports</i> , 2020, 10, 9566.	3.3	11
4	DFT/TD-DFT study on development and optimization of 1- anilino-3-phenyliminourea as a colorimetric chemosensor for Hg ²⁺ recognition in aqueous medium. <i>Journal of Molecular Structure</i> , 2020, 1206, 127699.	3.6	11
5	Synthesis of thiosemicarbazone-based colorimetric chemosensor for Cu ²⁺ ions TM recognition in aqueous medium: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2020, 1212, 128094.	3.6	11
6	Two-Dimensional Infrared Correlation Spectroscopy, Conductor-like Screening Model for Real Solvents, and Density Functional Theory Study on the Adsorption Mechanism of Polyvinylpyrrolidone for Effective Phenol Removal in an Aqueous Medium. <i>ACS Omega</i> , 2021, 6, 25179-25192.	3.5	8
7	Optimization of a protease extraction using a statistical approach for the production of an alternative meat tenderizer from <i>Spondias cytherea</i> roots. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14192.	2.0	7
8	Statistical Study on the Interaction Factors of Polypropylene-Graft-Maleic Anhydride (PP-g-MA) with Graphene Nanoplatelet (GNP) at Various Poly(Lactic Acid)/Polypropylene (PLA/PP) Blends Ratio. <i>Indonesian Journal of Chemistry</i> , 2020, 21, 234.	0.8	7
9	A highly sensitive and selective thiosemicarbazone chemosensor for detection of Co ²⁺ in aqueous environments using RSM and TD/DFT approaches. <i>Scientific Reports</i> , 2021, 11, 20963.	3.3	6
10	3-(2-Hydroxyphenyl)-1-[(E)-[1-(pyrazin-2-yl)ethylidene]amino]thiourea monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o943-o944.	0.2	4
11	The applicability of using a protease extracted from cashew fruits (<i>Anacardium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Texture Studies, 2020, 51, 810-829.	2.5	3
12	Mechanical properties of poly(lactic acid) compounded with recycled tyre waste/graphene nanoplatelets nanocomposite. <i>Materials Today: Proceedings</i> , 2021, 42, 265-269.	1.8	3
13	Synthesis, Structural, Density Functional Theory, and X-Ray Diffraction Study of Zn(II) <i>N</i>-Isopropylbenzylthiocarbamate: Anti-Corrosion Screening in Acid Media. <i>Indonesian Journal of Chemistry</i> , 2018, 18, 755.	0.8	3
14	Chemosensor Development of Cu ²⁺ Recognition Using 1,5-Diphenylthiocarbazone: Optimization, COSMO-RS and DFT Studies. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	2
15	Inhibitory effects of <i>Manihot esculenta</i> extracts on Food-Borne pathogens and their antioxidant properties: Supercritical fluid extraction, statistical analysis, and molecular docking study. <i>Journal of Food Process Engineering</i> , 2020, 43, e13452.	2.9	2
16	Synthesis, Characterization and Preliminary Study on Acetylpyrazine N(4)Butylthiosemicarbazone as a Potential CDK2 Inhibitor Combined with DFT Calculations. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	0