

# Erna Normaya Abdullah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3393603/publications.pdf>

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	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
2	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
3	A highly sensitive and selective thiosemicarbazone chemosensor for detection of Co <sup>2+</sup> in aqueous environments using RSM and TD/DFT approaches. <i>Scientific Reports</i> , 2021, 11, 20963.	3.3	6
4	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
5	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
6	Artocarpus altilis 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
7	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
8	DFT/TD-DFT study on development and optimization of 1-anilino-3-phenyliminourea as a colorimetric chemosensor for Hg <sup>2+</sup> recognition in aqueous medium. <i>Journal of Molecular Structure</i> , 2020, 1206, 127699.	3.6	11
9	Synthesis of thiosemicarbazone-based colorimetric chemosensor for Cu <sup>2+</sup> ions <sup>TM</sup> recognition in aqueous medium: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2020, 1212, 128094.	3.6	11
10	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
11	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
12	Chemosensor Development of Cu <sup>2+</sup> Recognition Using 1,5-Diphenylthiocarbazone: Optimization, COSMO-RS and DFT Studies. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	2
13	COSMO-RS and DFT studies on development and optimization of quercetin as a chemosensor for Fe <sup>3+</sup> recognition in aqueous medium. <i>Journal of Molecular Structure</i> , 2019, 1184, 538-545.	3.6	18
14	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
15	Synthesis, Structural, Density Functional Theory, and X-Ray Diffraction Study of Zn(II) &lt;i>N</i>-Isopropylbenzylidithiocarbamate: Anti-Corrosion Screening in Acid Media. <i>Indonesian Journal of Chemistry</i> , 2018, 18, 755.	0.8	3
16	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