Harno Dwi Pranowo

List of Publications by Year
in descending order

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27 papers	179 citations	1307594 7 h-index	1199594 12 g-index
27 all docs	27 docs citations	27 times ranked	148 citing authors

#	Article	IF	Citations
1	Canâ€™t we negotiate the importance of electron correlation? HF vs RIMP2 in ab initio quantum mechanical charge field molecular dynamics simulations of Cu+ in pure liquid ammonia. Journal of Molecular Liquids, 2022, 347, 118286.	4.9	2
2	Synthesis and in vitro assay of hydroxyxanthones as antioxidant and anticancer agents. Scientific Reports, 2022, 12, 1535.	3.3	6
3	The predicted models of anti-colon cancer and anti-hepatoma activities of substituted 4-anilino coumarin derivatives using quantitative structure-activity relationship (QSAR). Journal of King Saud University - Science, 2022, 34, 101837.	3.5	3
4	Molecular design of benzo[c][1,2,5]thiadiazole or thieno[3,4-d]pyridazine-based auxiliary acceptors through different anchoring groups in D-Ï€-A-A framework: A DFT/TD-DFT study. Journal of Molecular Graphics and Modelling, 2022, 113, 108148.	2.4	6
5	Design of a D-Ï€-A-A framework with various auxiliary acceptors on optoelectronic and charge transfer properties for efficient dyes in DSSCs: A DFT/TD-DFT study. Journal of Computational Electronics, 2022, 21, 361-377.	2.5	1
6	Molecular docking of synthetic flavone, flavanone and chalcone series with HER2 and CDK8 as anticancer candidate. AIP Conference Proceedings, 2021, , .	0.4	0
7	Hybrid Forces Molecular Dynamics on the Lability, Dynamics and â€œStructure Breaking Effectâ€•of Cs+ in Liquid Ammonia. Bulletin of the Chemical Society of Japan, 2021, 94, 204-208.	3.2	3
8	An Update on the Anticancer Activity of Xanthone Derivatives: A Review. Pharmaceuticals, 2021, 14, 1144.	3.8	37
9	Exploring preferential solvation, structure and dynamical properties or Rb+ in aqueous ammonia solution using ab initio Quantum Mechanical Charge Field (QMCF). Journal of Molecular Liquids, 2020, 298, 112027.	4.9	5
10	Cu 2+ in liquid ammoniaâ€”The impact of solvent flexibility and electron correlation in ab initio quantum mechanical charge field molecular dynamics. Journal of Computational Chemistry, 2020, 41, 2168-2176.	3.3	3
11	Co3+ and Ir3+ in pure liquid ammonia: Structure and dynamics from ab initio quantum mechanical charge field molecular dynamics. Journal of Molecular Liquids, 2020, 306, 112205.	4.9	2
12	The Jahn-Teller effect in mixed aqueous solution: the solvation of Cu²⁺ in 18.6% aqueous ammonia obtained from ab initio quantum mechanical charge field molecular dynamics. Pure and Applied Chemistry, 2019, 91, 1553-1565.	1.9	6
13	Investigation of the preferential solvation and dynamical properties of Cu+ in 18.6% aqueous ammonia solution using ab initio quantum mechanical charge field (QMCF) molecular dynamics and NBO analysis. Journal of Molecular Liquids, 2019, 275, 859-866.	4.9	8
14	Synthesis, Characterization and Molecular Docking of Chloro-substituted Hydroxyxanthone Derivatives. Chemistry Journal of Moldova, 2019, 14, 68-76.	0.6	10
15	Synthesis of Pyridine Derivative-based Chemosensor for Formaldehyde Detection. Indonesian Journal of Chemistry, 2019, 19, 1074.	0.8	6
16	Investigation of rubidium(I) ion solvation in liquid ammonia using QMCF-MD simulation and NBO analysis of first solvation shell structure. Journal of Molecular Modeling, 2018, 24, 122.	1.8	11
17	Revisiting structure and dynamics of preferential solvation of K(I) ion in aqueous ammonia using QMCF-MD simulation. Chemical Physics Letters, 2018, 699, 234-240.	2.6	11
18	Study of Substituent Effect on Properties of Platinum(II) Porphyrin Semiconductor Using Density Functional Theory. Indonesian Journal of Chemistry, 2018, 18, 742.	0.8	5

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19	QMCF-MD Simulation and NBO Analysis of K(I) Ion in Liquid Ammonia. Indonesian Journal of Chemistry, 2018, 18, 203.	0.8	4
20	One-Pot Synthesis, Antioxidant Activity and Toxicity Evaluation of Some Hydroxyxanthones. Chemistry and Chemical Technology, 2018, 12, 290-295.	1.1	7
21	Molecular docking analysis of curcumin analogues with COX-2. Bioinformation, 2017, 13, 356-359.	0.5	22
22	Investigation of structural and dynamical properties of hafnium(IV) ion in liquid ammonia: An ab initio QM/MM molecular dynamics simulation. Chemical Physics Letters, 2015, 636, 167-171.	2.6	6
23	Structure and Dynamics of Zr⁴⁺ in Aqueous Solution: An Ab Initio QM/MM Molecular Dynamics Study. Indonesian Journal of Chemistry, 2015, 15, 155-162.	0.8	1
24	MOLECULAR DOCKING OF 3-O-MICAROCYLMICAMINOCYL-5-O- FOROSAMINYLERYTHRONOLIDE-B (MMFE) TO RRNA 23S DEINOCOCCUS RADIODURANS AND THE PREDICTION OF ITS ANTIBIOTIC POTENCY. , 2009, , .		0
25	Monte Carlo simulation of CuCl2 in 18.6% aqueous ammonia solution. Chemical Physics, 2003, 291, 153-159.	1.9	8
26	Study on Anti-Tumor Activity of Novel 3-Substituted 4 Anilino-Coumarin Derivatives Using Quantitative Structure-Activity Relationship (QSAR). Materials Science Forum, 0, 948, 101-108.	0.3	5
27	One Step Synthesis of Symmetrical Amino Azine Derivatives Using Hydrazine Hydrate as a Reagent. Key Engineering Materials, 0, 840, 257-264.	0.4	1