Aulia Sukma Hutama

List of Publications by Year
in descending order

8 papers	51 citations	1937685 4 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	40 citing authors

#	Article	IF	Citations
1	Coupled Cluster and Density Functional Studies of Atomic Fluorine Chemisorption on Coronene as Model Systems for Graphene Fluorination. Journal of Physical Chemistry C, 2017, 121, 14888-14898.	3.1	12
2	Natural resources for dye-sensitized solar cells. Heliyon, 2021, 7, e08436.	3.2	12
3	Investigation of the chemical and optical properties of halogen-substituted N-methyl-4-piperidone curcumin analogs by density functional theory calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 221, 117152.	3.9	11
4	Development of Density-Functional Tight-Binding Parameters for the Molecular Dynamics Simulation of Zirconia, Yttria, and Yttria-Stabilized Zirconia. ACS Omega, 2021, 6, 20530-20548.	3.5	8
5	Photophysical properties of ammonium, pyrrolidinium, piperidinium, imidazolium, and pyridinium as a guide to prepare ionic-organic hybrid materials. Heliyon, 2022, 8, e09121.	3.2	3
6	Density-Functional Tight-Binding Parameters for Bulk Zirconium: A Case Study for Repulsive Potentials. Journal of Physical Chemistry A, 2021, 125, 2184-2196.	2.5	2
7	Investigations of the influence of non-metal dopants on the electronic and photocatalytic properties of ZrTiO4 by density functional theory calculations. Computational Condensed Matter, 2021, 29, e00607.	2.1	2
8	Theoretical studies on structure and dynamics of anatase TiO2 (101)/H2SO4/H2O interface in the early stage of titania sulfation. Structural Chemistry, 2022, 33, 1341-1354.	2.0	1