

Hieu H Pham

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lithium Peroxide Growth in Li ⁺ O ₂ Batteries via Chemical Disproportionation and Electrochemical Mechanisms: A Potential-Dependent Ab Initio Study with Implicit Solvation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 436-445.	3.1	8
2	Effects of the c-Si/a-SiO ₂ interfacial atomic structure on its band alignment: an <i>ab initio</i> study. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 32617-32625.	2.8	17
3	Surface Proton Hopping and Fast-Kinetics Pathway of Water Oxidation on Co ₃ O ₄ (001) Surface. <i>ACS Catalysis</i> , 2016, 6, 5610-5617.	11.2	83
4	Electronic structures and current conductivities of B, C, N and F defects in amorphous titanium dioxide. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11908-11913.	2.8	19
5	DFT+U studies of Cu doping and p-type compensation in crystalline and amorphous ZnS. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26270-26276.	2.8	27
6	Oxygen vacancy and hole conduction in amorphous TiO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 541-550.	2.8	194
7	Acidity constants and its dependence on solvent selection from first-principles calculations using cluster-continuum models. <i>Chemical Physics Letters</i> , 2014, 610-611, 141-147.	2.6	6
8	First-Principles Prediction of the Effects of Temperature and Solvent Selection on the Dimerization of Benzoic Acid. <i>Journal of Physical Chemistry B</i> , 2013, 117, 868-876.	2.6	25
9	Fundamental studies on stress-corrosion cracking in iron and underlying mechanisms. <i>Acta Materialia</i> , 2010, 58, 5142-5149.	7.9	19