

Ngoc Son Do

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

246
citations

933447

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996975

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docs citations

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times ranked

244
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Insights into Effects of Metal Cations on the Adsorption of Benzotriazole on Halloysite Nanotubes: An Experimental and DFT Study. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2920-2929. | 3.1 | 5 |
| 2 | Insights into Interaction of CO(₂) with N and B-doped Graphenes. <i>Communications in Physics</i> , 2022, 32, . | 0.0 | 0 |
| 3 | Recent Advances in Electrochemical Water Splitting and Reduction of CO ₂ into Green Fuels on 2D Phosphorene-Based Catalyst. <i>Energy Technology</i> , 2021, 9, . | 3.8 | 14 |
| 4 | How do the doping concentrations of N and B in graphene modify the water adsorption?. <i>RSC Advances</i> , 2021, 11, 19560-19568. | 3.6 | 10 |
| 5 | N-type and p-type molecular doping on monolayer MoS ₂ . <i>RSC Advances</i> , 2021, 11, 8033-8041. | 3.6 | 15 |
| 6 | Monolayer transition-metal dichalcogenides with polyethyleneimine adsorption. <i>Journal of Computational Electronics</i> , 2021, 20, 135-150. | 2.5 | 7 |
| 7 | Mechanism of Oxygen Reduction Reaction on Monolayer WTe ₂ with and without S Dopant at Low Coverage. <i>E-Journal of Surface Science and Nanotechnology</i> , 2021, 19, 119-124. | 0.4 | 0 |
| 8 | Mechanism and activity of the oxygen reduction reaction on WTe ₂ transition metal dichalcogenide with Te vacancy. <i>RSC Advances</i> , 2020, 10, 8460-8469. | 3.6 | 11 |
| 9 | Enhancing hydrogen storage by metal substitution in MIL-88A metal-organic framework. <i>Adsorption</i> , 2020, 26, 509-519. | 3.0 | 15 |
| 10 | Insight into Trimeric Formation of Nitric Oxide on Cu(111): A Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2968-2977. | 3.1 | 18 |
| 11 | Electronic and optical properties of monolayer MoS ₂ under the influence of polyethyleneimine adsorption and pressure. <i>RSC Advances</i> , 2020, 10, 4201-4210. | 3.6 | 17 |
| 12 | Hydrogen storage in MIL-88 series. <i>Journal of Materials Science</i> , 2019, 54, 3994-4010. | 3.7 | 27 |
| 13 | Magnetic anisotropy of ultrathin Pd 4 Co(111) film by first-principles calculations. <i>Journal of Science: Advanced Materials and Devices</i> , 2018, 3, 243-253. | 3.1 | 1 |
| 14 | Influences of Electrode Potential on Mechanism of Oxygen Reduction Reaction on Pd-Skin/Pd ₃ Fe(111) Electrocatalyst: Insights from DFT-Based Calculations. <i>Electrocatalysis</i> , 2018, 9, 10-21. | 3.0 | 4 |
| 15 | Simultaneous adsorption of SO ₂ and CO ₂ in an Ni(bdc)(ted) _{0.5} metal-organic framework. <i>RSC Advances</i> , 2018, 8, 38648-38655. | 3.6 | 10 |
| 16 | Hydrogen Bond-Induced Nitric Oxide Dissociation on Cu(110). <i>Journal of Physical Chemistry C</i> , 2018, 122, 11814-11824. | 3.1 | 11 |
| 17 | First-principles study of Pd-skin/Pd ₃ Fe(111) electrocatalyst for oxygen reduction reaction. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 747-754. | 2.9 | 8 |
| 18 | A computational approach towards understanding hydrogen gas adsorption in Co-MIL-88A. <i>RSC Advances</i> , 2017, 7, 39583-39593. | 3.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Ab-initio study of surface oxide formation in Pt(111) electrocatalyst under influences of O ₂ -containing intermediates of oxygen reduction reaction. Journal of Applied Electrochemistry, 2016, 46, 1031-1038. | 2.9 | 4 |
| 20 | Effects of Co Content in Pd-Skin/PdCo Alloys for Oxygen Reduction Reaction: Density Functional Theory Predictions. Journal of Physical Chemistry C, 2015, 119, 24364-24372. | 3.1 | 20 |
| 21 | Crystallization of supercooled liquid and glassy Fe thin films. Computational Materials Science, 2014, 95, 491-501. | 3.0 | 5 |
| 22 | Selectivity of Palladium-Cobalt Surface Alloy toward Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2012, 116, 6200-6207. | 3.1 | 24 |
| 23 | Hydronium Adsorption on OOH Precovered Pt(111) Surface: Effects of Electrode Potential. Journal of Nanoscience and Nanotechnology, 2011, 11, 2983-2989. | 0.9 | 5 |
| 24 | Oxygen Reduction on Pt(111) Cathode of Fuel Cells. Journal of the Physical Society of Japan, 2009, 78, 114601. | 1.6 | 7 |
| 25 | Transport Properties of an Aharonov-Bohm Interferometer with an In-line Quantum Dot. E-Journal of Surface Science and Nanotechnology, 2007, 5, 29-32. | 0.4 | 1 |