Control of CO Capture Process on Transition-Metal-Porphyrin-like Graphene with Mechanical Strain

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#	Paper	IF	Citations
6	Assessment of M2O(111) (M = Li and Na) surfaces for CO2 adsorption based on first-principles calculations. *Applied Surface Science*, **2019**, 486, 571-577	6.7	8
5	Physisorption and Chemisorption of SF6 by Transition Metal-Porphyrin Structure Embedded on Graphene Surface with Different Hapticities. *Journal of the Korean Physical Society*, **2020**, 76, 1001-1004	0.6	
4	Adsorption of greenhouse gases on the surface of covalent organic framework of porphyrin An ab initio study. *Physica E: Low-Dimensional Systems and Nanostructures*, **2021**, 126, 114448	3	3
3	High-Throughput Screening of Atomic Defects in MXenes for CO Capture, Activation, and Dissociation. *ACS Applied Materials & Interfaces*, **2021**, 13, 35585-35594	9.5	8
2	Tunable Electric and Magnetic Properties of Transition Metal@N C -Graphene Materials by Different Metal and Defect Types. *Chemistry - an Asian Journal*, **2021**, 16, 3230-3235	4.5	0
1	Electroreduction of CO and Quantification in New Transition-Metal-Based Deep Eutectic Solvents Using Single-Atom Ag Electrocatalyst.. *ACS Omega*, **2022**, 7, 14102-14112	3.9	1