

Spencer Carey

List of Publications by Year in descending order

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19
papers

288
citations

933447

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g-index

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all docs

19
docs citations

19
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Dissociative Adsorption on NiO(111): Energetics and Structure of the Hydroxylated Surface. ACS Catalysis, 2016, 6, 7377-7384.	11.2	67
2	Energetics of Adsorbed Phenol on Ni(111) and Pt(111) by Calorimetry. Journal of Physical Chemistry C, 2019, 123, 7627-7632.	3.1	32
3	Adsorbed Hydroxyl and Water on Ni(111): Heats of Formation by Calorimetry. ACS Catalysis, 2018, 8, 1485-1489.	11.2	29
4	Energetics of adsorbed benzene on Ni(111) and Pt(111) by calorimetry. Surface Science, 2018, 676, 9-16.	1.9	26
5	Water adsorption on the Fe ₃ O ₄ (111) surface: dissociation and network formation. Physical Chemistry Chemical Physics, 2018, 20, 15764-15774.	2.8	26
6	Energetics of adsorbed formate and formic acid on Ni(111) by calorimetry. Journal of Catalysis, 2017, 352, 300-304.	6.2	21
7	Energetics of Adsorbed Methyl and Methyl Iodide on Ni(111) by Calorimetry: Comparison to Pt(111) and Implications for Catalysis. ACS Catalysis, 2017, 7, 1286-1294.	11.2	20
8	Enhanced Bonding of Pentagon-Heptagon Defects in Graphene to Metal Surfaces: Insights from the Adsorption of Azulene and Naphthalene to Pt(111). Chemistry of Materials, 2020, 32, 1041-1053.	6.7	20
9	Microwave Structure for the Propiolic Acid-Formic Acid Complex. Journal of Physical Chemistry A, 2013, 117, 9525-9530.	2.5	10
10	Gas phase measurements of mono-fluoro-benzoic acids and the dimer of 3-fluoro-benzoic acid. Journal of Chemical Physics, 2015, 142, 144303.	3.0	10
11	Bond Energies of Adsorbed Intermediates to Metal Surfaces: Correlation with Hydrogen-Ligand and Hydrogen-Surface Bond Energies and Electronegativities. Angewandte Chemie - International Edition, 2018, 57, 16877-16881.	13.8	7
12	Energetics of Adsorbed Methanol and Methoxy on Ni(111): Comparisons to Pt(111). ACS Catalysis, 2018, 8, 10089-10095.	11.2	7
13	Calculations and measurements of the deuterium tunneling frequency in the propiolic acid-formic acid dimer and description of a newly constructed Fourier transform microwave spectrometer. Journal of Chemical Physics, 2013, 139, 084316.	3.0	6
14	Microwave spectrum of arsenic triphosphide. Journal of Molecular Spectroscopy, 2012, 278, 68-71.	1.2	2
15	Bond Energies of Adsorbed Intermediates to Metal Surfaces: Correlation with Hydrogen-Ligand and Hydrogen-Surface Bond Energies and Electronegativities. Angewandte Chemie, 2018, 130, 17119-17123.	2.0	2
16	Water and Carbon Dioxide Adsorption on CaO(001) Studied via Single Crystal Adsorption Calorimetry. Topics in Catalysis, 2021, 64, 1030-1040.	2.8	2
17	Microwave spectra of 1-fluoronaphthalene and 2-fluoronaphthalene. Journal of Molecular Spectroscopy, 2014, 304, 25-27.	1.2	1
18	Measurements of deuterium quadrupole coupling in propiolic acid and fluorobenzenes using pulsed-beam Fourier transform microwave spectrometers. Journal of Chemical Physics, 2015, 142, 154306.	3.0	0

#	ARTICLE	IF	CITATIONS
19	GAS PHASE MEASUREMENTS OF MONO-FLUORO-BENZOIC ACIDS AND THE DIMER OF 3-FLUORO-BENZOIC ACID. , 2016, , .		0